




## Emmanuel Mignot, MD, PhD

Craig Reynolds Professor of Sleep Medicine and Professor, by courtesy, of Genetics and of Neurology and Neurological Sciences

Psychiatry and Behavioral Sciences - Sleep Medicine

 Curriculum Vitae available Online

### CLINICAL OFFICE (PRIMARY)

- **Stanford Sleep Medicine Center**

450 Broadway St

Pavilion C 2nd Fl MC 5704

Redwood City, CA 94063

**Tel** (650) 723-6601

**Fax** (650) 721-3448

### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Paige Collazo - Administrative Assistant

**Email** [pcollazo@stanford.edu](mailto:pcollazo@stanford.edu)

### Bio

---

#### BIO

Emmanuel Mignot is the Craig Reynolds Professor of Sleep Medicine in the Department of Psychiatry and Behavioral Sciences at Stanford University and the Director of the Stanford Center for Narcolepsy. He is recognized as having discovered the cause of narcolepsy. Dr. Mignot was born in Paris, France, and he is a former student of the Ecole Normale Supérieure (Ulm, Paris, France). He received his M.D. and Ph.D. (molecular pharmacology) from Paris V and VI University respectively. He practiced medicine and Psychiatry in France for several years before serving as a visiting scholar at the Stanford Sleep Disorders Clinic and Research Center. He joined as faculty and Director of the Center for Narcolepsy in 1993. He was named Professor of Psychiatry in 2001. He has received numerous awards for his work, including a 2023 Breakthrough prize in Life Sciences and is a member of both the National Academies of Sciences and Medicine.

Dr. Mignot positionally cloned a mutation in the dog causing narcolepsy (hypocretin/orexin receptor 2) and discovered that narcolepsy, affecting 1/2000 people, is caused by an immune-mediated destruction of 70,000 hypocretin/orexin neurons in the hypothalamus, also revealing hypocretins as a novel critical sleep-regulatory pathway. Most of his current research focuses on the neurobiology, genetics and immunology of narcolepsy, with indirect interest in the neuroimmunology of other brain disorders such as autoimmune encephalitis or neurological paraneoplastic syndromes.

His laboratory also uses state of the art human genetics, proteomics and immunology techniques, such as genome-wide association, exome or whole genome sequencing or large scale proteomics in the study of human sleep and sleep disorders, with parallel studies in animal models. His laboratory is lastly interested in web-based assessments of sleep disorders, and conducts deep learning-based processing of polysomnography (PSG), and outcome research.

#### CLINICAL FOCUS

- Narcolepsy Cataplexy Syndrome
- Kleine-Levin Syndrome
- Sleep Medicine
- Restless Leg Syndrome
- Deep learning of sleep signals

## ACADEMIC APPOINTMENTS

- Professor, Psychiatry and Behavioral Sciences - Sleep Medicine
- Professor (By courtesy), Genetics
- Professor (By courtesy), Neurology
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

## ADMINISTRATIVE APPOINTMENTS

- Director, Center For Sleep Sciences and Medicine, (2010-2019)
- Director, Center For Narcolepsy, (1989- present)

## HONORS AND AWARDS

- Breakthrough Prize, Breakthrough Prize (2023)
- Elected member, National Academy Of Sciences (2012)
- Elected member, Association of American Physicians (2011)
- Elected member, Institute of Medicine (2006)
- Outstanding Scientific Achievement Award, Sleep Research Society (2006)
- Foster Elting Bennett Memorial Lecture Award, American Neurological Association (2004)
- W. Alden Spencer Award, College of Physicians and Surgeons of Columbia University (2004)
- Investigator Award, Howard Hughes Medical Institute (2002-2010)
- Neuroscience of Brain Disorders Award, McKnight Foundation (2002)
- William C Dement Academic Achievement Award, American Academy of Sleep Medicine (2000)
- Javits Award, National Institute of Neurological Disease and Stroke (NINDS) (1999)

## PROFESSIONAL EDUCATION

- Fellowship: Stanford University - Dept of Psychiatry (1996) CA
- Board Certification: Sleep Medicine, American Board of Sleep Medicine (1990)
- Residency: Necker Enfants Malades Hospital (1989) France
- Medical Education: University Of Paris (1985) France
- Internship: Necker Enfants Malades Hospital (1984) France

## COMMUNITY AND INTERNATIONAL WORK

- World Wide narcolepsy GWAS and immunology
- GWAS and Genetics in Kleine Levin Syndrome
- GWAS , immunology and Genetics in autoimmune encephalitis

## LINKS

- Mignot Lab at Stanford: <https://www.mignotlab.com/>
- Center for Narcolepsy at Stanford: <https://med.stanford.edu/narcolepsy.html>

## Research & Scholarship

---

### CURRENT RESEARCH AND SCHOLARLY INTERESTS

1) Human genetic studies in sleep disorders (GWAS, exome or WG sequencing):

- Narcolepsy
- Kleine Levin syndrome
- Rare familial syndromes with sleep disturbances
- Human EEG and polysomnographic features
- Autoimmune disorders of the brain such as anti NMDAR encephalitis or paraneoplastic syndromes

2) Immunological studies in human narcolepsy and other autoimmune disorders of the brain such as anti NMDAR encephalitis

- Isolation of biomarkers or autoantibodies
- tetramer studies
- TCR sequencing

3) EEG signal processing analysis (typically deep learning) for automatic scoring and discovery of novel disease biomarkers for neuropsychiatric disorders and clinical applications in sleep disorders medicine; genetic studies of these phenotypes

4) Proteomics biomarkers in CSF or blood of sleep disorders using a 11,000 panel; machine learning analysis to predict sleep disorders sleep debt or circadian time

5) Clinical/outcome/clinical trials studies in various sleep disorders

## Teaching

---

### STANFORD ADVISEES

**Doctoral Dissertation Reader (AC)**

Yoo Jin Jung

**Postdoctoral Faculty Sponsor**

Katie Cederberg, Elisabeth Heremans, Niloofar Taheri, Bruna de Freitas Dias

### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Genetics (Phd Program)
- Immunology (Phd Program)
- Molecular and Genetic Medicine (Fellowship Program)
- Neurosciences (Phd Program)
- Psychiatry and Behavioral Science (Fellowship Program)

## Publications

---

### PUBLICATIONS

- **HLA-DQB1\*05 subtypes and not DRB1\*10:01 mediates risk in anti-IgLON5 disease.** *Brain : a journal of neurology*  
Yogeshwar, S. M., Muñoz-Castrillo, S., Sabater, L., Peris-Sempere, V., Mallajosyula, V., Luo, G., Yan, H., Yu, E., Zhang, J., Lin, L., Fagundes Bueno, F., Ji, X., Picard, et al

2024

- **Circadian protein expression patterns in healthy young adults.** *Sleep health*  
Specht, A., Kolosov, G., Cederberg, K. L., Bueno, F., Arrona-Palacios, A., Pardiella-Delgado, E., Ruiz-Herrera, N., Zitting, K. M., Kramer, A., Zeitzer, J. M., Czeisler, C. A., Duffy, J. F., Mignot, et al  
2023
- **Multiancestry analysis of the HLA locus in Alzheimer's and Parkinson's diseases uncovers a shared adaptive immune response mediated by HLA-DRB1\*04 subtypes.** *Proceedings of the National Academy of Sciences of the United States of America*  
Le Guen, Y., Luo, G., Ambati, A., Damotte, V., Jansen, I., Yu, E., Nicolas, A., de Rojas, I., Peixoto Leal, T., Miyashita, A., Bellenguez, C., Lian, M. M., Parveen, et al  
2023; 120 (36): e2302720120
- **Oral Orexin Receptor 2 Agonist in Narcolepsy Type 1.** *The New England journal of medicine*  
Dauvilliers, Y., Mignot, E., Del Rio Villegas, R., Du, Y., Hanson, E., Inoue, Y., Kadali, H., Koundourakis, E., Meyer, S., Rogers, R., Scammell, T. E., Sheikh, S. I., Swick, et al  
2023; 389 (4): 309-321
- **The immunopathogenesis of narcolepsy type 1.** *Nature reviews. Immunology*  
Liblau, R. S., Latorre, D., Kornum, B. R., Dauvilliers, Y., Mignot, E. J.  
2023
- **Narcolepsy risk loci outline role of T cell autoimmunity and infectious triggers in narcolepsy.** *Nature communications*  
Ollila, H. M., Sharon, E., Lin, L., Sinnott-Armstrong, N., Ambati, A., Yogeshwar, S. M., Hillary, R. P., Jolanki, O., Faraco, J., Einen, M., Luo, G., Zhang, J., Han, et al  
2023; 14 (1): 2709
- **What Is Narcolepsy?** *JAMA*  
Sum-Ping, O., Mignot, E.  
2023
- **Orexin 2 receptor-selective agonist danavorexton improves narcolepsy phenotype in a mouse model and in human patients.** *Proceedings of the National Academy of Sciences of the United States of America*  
Evans, R., Kimura, H., Alexander, R., Davies, C. H., Faessel, H., Hartman, D. S., Ishikawa, T., Ratti, E., Shimizu, K., Suzuki, M., Tanaka, S., Yukitake, H., Dauvilliers, et al  
2022; 119 (35): e2207531119
- **Genetics of circadian rhythms and sleep in human health and disease.** *Nature reviews. Genetics*  
Lane, J. M., Qian, J., Mignot, E., Redline, S., Scheer, F. A., Saxena, R.  
2022
- **Characterization of T cell receptors reactive to HCRTNH2, pHA273-287, and NP17-31 in control and narcolepsy patients.** *Proceedings of the National Academy of Sciences of the United States of America*  
Luo, G., Zhang, J., Lin, L., Mignot, E. J.  
2022; 119 (32): e2205797119
- **Age estimation from sleep studies using deep learning predicts life expectancy.** *NPJ digital medicine*  
Brink-Kjaer, A., Leary, E. B., Sun, H., Westover, M. B., Stone, K. L., Peppard, P. E., Lane, N. E., Cawthon, P. M., Redline, S., Jennum, P., Sorensen, H. B., Mignot, E.  
2022; 5 (1): 103
- **Proteomic Biomarkers of the Apnea Hypopnea Index and Obstructive Sleep Apnea: Insights into the Pathophysiology of Presence, Severity, and Treatment Response.** *International journal of molecular sciences*  
Cederberg, K. L., Hanif, U., Peris Sempere, V., Hedou, J., Leary, E. B., Schneider, L. D., Lin, L., Zhang, J., Morse, A. M., Blackman, A., Schweitzer, P. K., Kotagal, S., Bogan, et al  
2022; 23 (14)
- **The Genetic Etiology of Periodic Leg Movement in Sleep.** *Sleep*  
Edelson, J. L., Schneider, L. D., Amar, D., Brink-Kjaer, A., Cederberg, K. L., Kutalik, Z., Hagen, E. W., Peppard, P. E., Tempaku, P. F., Tufik, S., Evans, D. S., Stone, K., Tranah, et al  
2022

- **Automatic detection of cortical arousals in sleep and their contribution to daytime sleepiness.** *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology*  
Brink-Kjaer, A. n., Olesen, A. N., Peppard, P. E., Stone, K. L., Jennum, P. n., Mignot, E. n., Sorensen, H. B.  
2020; 131 (6): 1187-1203
- **Neural network analysis of sleep stages enables efficient diagnosis of narcolepsy.** *Nature communications*  
Stephansen, J. B., Olesen, A. N., Olsen, M. n., Ambati, A. n., Leary, E. B., Moore, H. E., Carrillo, O. n., Lin, L. n., Han, F. n., Yan, H. n., Sun, Y. L., Dauvilliers, Y. n., Scholz, et al  
2018; 9 (1): 5229
- **HLA-DPB1 and HLA Class I Confer Risk of and Protection from Narcolepsy.** *American journal of human genetics*  
Ollila, H. M., Ravel, J., Han, F., Faraco, J., Lin, L., Zheng, X., Plazzi, G., Dauvilliers, Y., Pizza, F., Hong, S., Jennum, P., Knudsen, S., Kornum, et al  
2015; 96 (1): 136-146
- **Sleep-spindle detection: crowdsourcing and evaluating performance of experts, non-experts and automated methods.** *Nature methods*  
Warby, S. C., Wendt, S. L., Welinder, P., Munk, E. G., Carrillo, O., Sorensen, H. B., Jennum, P., Peppard, P. E., Perona, P., Mignot, E.  
2014; 11 (4): 385-392
- **Narcolepsy and Predictors of Positive MSLTs in the Wisconsin Sleep Cohort.** *Sleep*  
Goldbart, A., Peppard, P., Finn, L., Ruoff, C. M., Barnet, J., Young, T., Mignot, E.  
2014; 37 (6): 1043-1051
- **Design and validation of a periodic leg movement detector.** *PLoS one*  
Moore, H., Leary, E., Lee, S., Carrillo, O., Stubbs, R., Peppard, P., Young, T., Widrow, B., Mignot, E.  
2014; 9 (12)
- **Genome wide analysis of narcolepsy in China implicates novel immune loci and reveals changes in association prior to versus after the 2009 H1N1 influenza pandemic.** *PLoS genetics*  
Han, F., Faraco, J., Dong, X. S., Ollila, H. M., Lin, L., Li, J., An, P., Wang, S., Jiang, K. W., Gao, Z. C., Zhao, L., Yan, H., Liu, et al  
2013; 9 (10)
- **Nocturnal rapid eye movement sleep latency for identifying patients with narcolepsy/hypocretin deficiency.** *JAMA neurology*  
Andlauer, O., Moore, H., Jouhier, L., Drake, C., Peppard, P. E., Han, F., Hong, S., Poli, F., Plazzi, G., O'Hara, R., Haffen, E., Roth, T., Young, et al  
2013; 70 (7): 891-902
- **Decreased incidence of childhood narcolepsy 2 years after the 2009 H1N1 winter flu pandemic** *ANNALS OF NEUROLOGY*  
Han, F., Lin, L., Li, J., Dong, X. S., Mignot, E.  
2013; 73 (4): 560-560
- **ImmunoChip study implicates antigen presentation to T cells in narcolepsy.** *PLoS genetics*  
Faraco, J., Lin, L., Kornum, B. R., Kenny, E. E., Trynka, G., Einen, M., Rico, T. J., Lichtner, P., Dauvilliers, Y., Arnulf, I., Lecendreux, M., Javidi, S., Geisler, et al  
2013; 9 (2)
- **HLA-DQ association and allele competition in Chinese narcolepsy** *TISSUE ANTIGENS*  
Han, F., Lin, L., Li, J., Dong, S. X., An, P., Zhao, L., Liu, N. Y., Li, Q. Y., Yan, H., Gao, Z. C., Faraco, J., Strohl, K. P., Liu, et al  
2012; 80 (4): 328-335
- **Predictors of Hypocretin (Orexin) Deficiency in Narcolepsy Without Cataplexy** *SLEEP*  
Andlauer, O., Moore, H., Hong, S., Dauvilliers, Y., Kanbayashi, T., Nishino, S., Han, F., Silber, M. H., Rico, T., Einen, M., Kornum, B. R., Jennum, P., Knudsen, et al  
2012; 35 (9): 1247-1255
- **Mutations in DNMT1 cause autosomal dominant cerebellar ataxia, deafness and narcolepsy** *HUMAN MOLECULAR GENETICS*  
Winkelmann, J., Lin, L., Schormair, B., Kornum, B. R., Faraco, J., Plazzi, G., Melberg, A., Cornelio, F., Urban, A. E., Pizza, F., Poli, F., Grubert, F., Wieland, et al  
2012; 21 (10): 2205-2210
- **Narcolepsy Onset Is Seasonal and Increased following the 2009 H1N1 Pandemic in China** *ANNALS OF NEUROLOGY*  
Han, F., Lin, L., Warby, S. C., Faraco, J., Li, J., Dong, S. X., An, P., Zhao, L., Wang, L. H., Li, Q. Y., Yan, H., Gao, Z. C., Yuan, et al  
2011; 70 (3): 410-417

- **Common variants in P2RY11 are associated with narcolepsy** *NATURE GENETICS*  
Kornum, B. R., Kawashima, M., Faraco, J., Lin, L., Rico, T. J., Hesselson, S., Axtell, R. C., Kuipers, H., Weiner, K., Hamacher, A., Kassack, M. U., Han, F., Knudsen, et al  
2011; 43 (1): 66-U90
- **Narcolepsy is strongly associated with the T-cell receptor alpha locus** *NATURE GENETICS*  
Hallmayer, J., Faraco, J., Lin, L., Hesselson, S., Winkelmann, J., Kawashima, M., Mayer, G., Plazzi, G., Nevsimalova, S., Bourgin, P., Hong, S. S., Honda, Y., Honda, et al  
2009; 41 (6): 708-711
- **IGFBP3 Colocalizes with and Regulates Hypocretin (Orexin)** *PLOS ONE*  
Honda, M., Eriksson, K. S., Zhang, S., Tanaka, S., Lin, L., Salehi, A., Hesla, P. E., Maehlen, J., Gaus, S. E., Yanagisawa, M., Sakurai, T., Taheri, S., Tsuchiya, et al  
2009; 4 (1)
- **Cataplexy features in childhood narcolepsy** *MOVEMENT DISORDERS*  
Serra, L., Montagna, P., Mignot, E., Lugaresi, E., Plazzi, G.  
2008; 23 (6): 858-865
- **Kleine-Levin syndrome: A systematic study of 108 patients** *ANNALS OF NEUROLOGY*  
Arnulf, I., Lin, L., Gadoth, N., File, J., Lecendreux, M., Franco, P., Zeitzer, J., Lo, B., Faraco, J. H., Mignot, E.  
2008; 63 (4): 482-493
- **Why we sleep: The temporal organization of recovery** *PLOS BIOLOGY*  
Mignot, E.  
2008; 6 (4): 661-669
- **Short sleep duration is associated with reduced leptin, elevated ghrelin, and increased body mass index** *PLOS MEDICINE*  
Taheri, S., Lin, L., Austin, D., Young, T., Mignot, E.  
2004; 1 (3): 210-217
- **The role of cerebrospinal fluid hypocretin measurement in the diagnosis of narcolepsy and other hypersomnias** *ARCHIVES OF NEUROLOGY*  
Mignot, E., Lammers, G. J., Ripley, B., Okun, M., Nevsimalova, S., Overeem, S., Vankova, J., Black, J., Harsh, J., Bassetti, C., Schrader, H., Nishino, S.  
2002; 59 (10): 1553-1562
- **A mutation in a case of early onset narcolepsy and a generalized absence of hypocretin peptides in human narcoleptic brains** *NATURE MEDICINE*  
Peyron, C., Faraco, J., Rogers, W., Ripley, B., Overeem, S., Charnay, Y., Nevsimalova, S., Aldrich, M., Reynolds, D., Albin, R., Li, R., Hungs, M., Pedrazzoli, et al  
2000; 6 (9): 991-997
- **The sleep disorder canine narcolepsy is caused by a mutation in the hypocretin (orexin) receptor 2 gene** *CELL*  
Lin, L., Faraco, J., Li, R., KADOTANI, H., Rogers, W., Lin, X. Y., Qiu, X. H., de Jong, P. J., Nishino, S., Mignot, E.  
1999; 98 (3): 365-376
- **Validation of a cataplexy questionnaire in 983 sleep-disorders patients** *SLEEP*  
Anic-Labat, S., Guilleminault, C., Kraemer, H. C., Meehan, J., Arrigoni, J., Mignot, E.  
1999; 22 (1): 77-87
- **Pharmacological aspects of human and canine narcolepsy** *PROGRESS IN NEUROBIOLOGY*  
Nishino, S., Mignot, E.  
1997; 52 (1): 27-78
- **CANINE CATAPLEXY IS PREFERENTIALLY CONTROLLED BY ADRENERGIC-MECHANISMS - EVIDENCE USING MONOAMINE SELECTIVE UPTAKE INHIBITORS AND RELEASE ENHANCERS** *PSYCHOPHARMACOLOGY*  
Mignot, E., RENAUD, A., Nishino, S., Arrigoni, J., Guilleminault, C., Dement, W. C.  
1993; 113 (1): 76-82
- **HETEROZYGOSITY AT THE CANARC-1 LOCUS CAN CONFER SUSCEPTIBILITY FOR NARCOLEPSY - INDUCTION OF CATAPLEXY IN HETEROZYGOUS ASYMPTOMATIC DOGS AFTER ADMINISTRATION OF A COMBINATION OF DRUGS ACTING ON MONOAMINERGIC AND CHOLINERGIC SYSTEMS** *JOURNAL OF NEUROSCIENCE*  
Mignot, E., Nishino, S., Sharp, L. H., Arrigoni, J., Siegel, J. M., Reid, M. S., Edgar, D. M., CIARANELLO, R. D., Dement, W. C.  
1993; 13 (3): 1057-1064

- **RESTORE: Once-nightly oxybate dosing preference and nocturnal experience with twice-nightly oxybates.** *Sleep medicine: X*  
Roy, A., Stern, T., Harsh, J., Hudson, J. D., Ajayi, A. O., Corser, B. C., Mignot, E., Santamaria, A., Morse, A. M., Abaluck, B., Ibrahim, S., Schweitzer, P. K., Lancaster, et al  
2024; 8: 100122
- **Novel risk loci in LGI1-antibody encephalitis: genome-wide association study discovery and validation cohorts.** *Brain : a journal of neurology*  
Binks, S. N., Elliott, K. S., Muñiz-Castrillo, S., Gilbert, E., Kawasaki de Araujo, T., Harper, A. R., Brown, A. C., Chong, A. Y., Band, G., Peris Sempere, V., Pinto, A. L., Costantino, F., Rayner, et al  
2024
- **Probabilistic Sleep Staging in MSLTs across Hypersomnia Disorders.** *Sleep*  
Hjuler Andersen, L., Brink-Kjaer, A., Sum-Ping, O., Pizza, F., Biscarini, F., Haubjerg Østerby, N. C., Mignot, E., Plazzi, G., Jennum, P. J.  
2024
- **Mortality Risk Assessment Using Deep Learning-Based Frequency Analysis of EEG and EOG in Sleep.** *Sleep*  
Kristjánsson, T. Ó., Stone, K. L., Sorensen, H. B., Brink-Kjaer, A., Mignot, E., Jennum, P.  
2024
- **Lifestyle Profiling Using Wearables and Prediction of Glucose Metabolism in Individuals with Normoglycemia or Prediabetes.** *medRxiv : the preprint server for health sciences*  
Park, H., Metwally, A. A., Delfarah, A., Wu, Y., Perelman, D., Rodgar, M., Mayer, C., Celli, A., McLaughlin, T., Mignot, E., Snyder, M.  
2024
- **TAK-861 improves cognitive impairments in patients with narcolepsy type 1**  
Plazzi, G., Lammers, G., Mignot, E., Pizza, F., Dauvilliers, Y., Barateau, L., Maruff, P., Stukalin, E., Tanaka, S., Naylor, M., Olsson, T., Latzman, R., Harel, et al  
WILEY.2024
- **Efficacy and safety of TAK-861, an oral orexin receptor 2 agonist, in individuals with narcolepsy type 2: Results from phase 2 studies**  
Mignot, E., Bogan, R., Del Rio, R., Arnulf, I., Kadali, H., Yao, B., Abraham, A., von Rosenstiel, P., Lambertson, M., Tanaka, S., Olsson, T., Naylor, M.  
WILEY.2024
- **Associations between self-reported parasomnias and psychiatric illness in 370,000 patients with sleep disorders.** *Psychiatry and clinical neurosciences*  
Hanif, U., Cairns, A., Mysliwiec, V., Bettinardi, R. G., Elbaz, M., Gimenez, U., Mignot, E. J.  
2024
- **A Deep Transfer Learning Approach for Sleep Stage Classification and Sleep Apnea Detection Using Wrist-Worn Consumer Sleep Technologies.** *IEEE transactions on bio-medical engineering*  
Olsen, M., Zeitzer, J. M., Nakase-Richardson, R., Musgrave, V. H., Sorensen, H. B., Mignot, E., Jennum, P. J.  
2024; 71 (8): 2506-2517
- **From sleep patterns to heart rhythm: Predicting atrial fibrillation from overnight polysomnograms.** *Journal of electrocardiology*  
Koscova, Z., Rad, A. B., Nasiri, S., Reyna, M. A., Sameni, R., Trotti, L. M., Sun, H., Turley, N., Stone, K. L., Thomas, R. J., Mignot, E., Westover, B., Clifford, et al  
2024; 86: 153759
- **HLA-DR3 ~ DQ2 associates with sensory neuropathy in paraneoplastic neurological syndromes with Hu antibodies.** *Journal of neurology*  
Muñiz-Castrillo, S., Villagrán-García, M., Peris Sempere, V., Farina, A., Pinto, A. L., Picard, G., Rogemond, V., Honnorat, J., Mignot, E.  
2024
- **Digital Measures Development: Lessons Learned from an Expert Workshop Addressing Cross-Therapeutic Area Measures of Sleep.** *Digital biomarkers*  
Fromy, P., Kremliovsky, M., Mignot, E., Aloia, M., Berent, J., Hasan, F., Hwang, D., Poon, J. L., Malcolm, R., Miller, C., Nawa, W., Bakker, J.  
2024; 8 (1): 132-139
- **Novel biomarkers derived from the Maintenance of Wakefulness Test as predictors of sleepiness and response to treatment.** *Sleep*  
Tracey, B., Culp, M., Fabregas, S., Mignot, E., Buhl, D. L., Volfson, D.  
2024
- **ABED: AUTOMATIC SLEEP-DISORDERED BREATHING EVENT DETECTION**  
Kjaer, M., Hanif, U., Brink-Kjaer, A., Mignot, E.  
OXFORD UNIV PRESS INC.2024: A220

- **IN AND BETWEEN NAP MSLT FEATURES IN HYPERSOMNIA**  
Andersen, L., Brink-Kjaer, A., Sum-Ping, O., Mignot, E.  
OXFORD UNIV PRESS INC.2024
- **VALIDITY AND RELIABILITY OF THE PEDIATRIC NARCOLEPSY PATIENT-REPORTED OUTCOMES SCALE (PN-PROS)**  
Maski, K., Mignot, E., Narang, I., Marie, M., Meltzer, L.  
OXFORD UNIV PRESS INC.2024
- **PATIENT PREFERENCES OF SODIUM OXYBATE TREATMENT FOR NARCOLEPSY: RESTORE END-OF-STUDY SURVEY DATA**  
Ajayi, A., Mignot, E., Roy, A., Corser, B., Stern, T., Hudson, J., Santamaria, A., Abaluck, B., Gudeman, J.  
OXFORD UNIV PRESS INC.2024: A275
- **VALIDATION OF THE SITUATIONAL SLEEPINESS SCALE**  
Lomba, S., Sum-Ping, O., Mignot, E.  
OXFORD UNIV PRESS INC.2024
- **CIRCADIAN PROTEINS AND CIRCADIAN PHASE ESTIMATION IN HEALTHY ADULTS**  
Specht, A., Saha, P., Cederberg, K., Bueno, F., Arrona-Palacios, A., Pardilla-Delgado, E., Ruiz-Herrera, N., Zitting, K., Kramer, A., Zeitzer, J., Czeisler, C., Duffy, J., Mignot, et al  
OXFORD UNIV PRESS INC.2024
- **PERCEIVED EXERCISE RESPONSE HETEROGENEITY IN ADULTS WITH RESTLESS LEGS SYNDROME**  
Cederberg, K., Sikes, E., Mejia, G., Mignot, E.  
OXFORD UNIV PRESS INC.2024: A300
- **INFLUENZA HA ANTIBODY TITERS IN RECENT ONSET TYPE-1 NARCOLEPSY**  
Yan, H., Lin, L., Zhang, J., Mignot, E.  
OXFORD UNIV PRESS INC.2024: A268
- **A MASS SPECTROMETRY METHOD EVALUATING OREXIN METABOLITES SUGGEST ABNORMALITIES IN HYPERSOMNIAS OF CENTRAL ORIGIN**  
Horie, K., Steger, C., Koppiseti, R., Mignot, E., Lucey, B.  
OXFORD UNIV PRESS INC.2024: A267
- **Validation of the RBD Symptom Severity Scale in the North American Prodromal Synucleinopathy Consortium.** *Neurology*  
Choudhury, P., Lee-Iannotti, J. K., Buscescu, A. O., Rangan, P., Fantini, M. L., Avidan, A. Y., Bliwise, D. L., Criswell, S. R., During, E. H., Elliott, J. E., Fields, J. A., Gagnon, J. F., Howell, et al  
2024; 102 (3): e208008
- **Fatigued but not sleepy? An empirical investigation of the differentiation between fatigue and sleepiness in sleep disorder patients in a cross-sectional study.** *Journal of psychosomatic research*  
Suh, S., Lok, R., Weed, L., Cho, A., Mignot, E., Leary, E. B., Zeitzer, J. M.  
2024; 178: 111606
- **Prevalence and Course of Idiopathic Hypersomnia in the Wisconsin Sleep Cohort Study.** *Neurology*  
Plante, D. T., Hagen, E. W., Barnet, J. H., Mignot, E., Peppard, P. E.  
2024; 102 (2): e207994
- **Stability and Volatility of Human Rest-Activity Rhythms: Insights from Very Long Actograms (VLAs).** *medRxiv : the preprint server for health sciences*  
Adhyapak, N., Abboud, M. A., Rao, P. S., Kar, A., Mignot, E., Delucca, G., Smagula, S. F., Krishnan, V.  
2024
- **Role of Daytime Continuous Polysomnography in the Diagnosis of Pediatric Narcolepsy Type 1.** *Neurology*  
Pizza, F., Vignatelli, L., Vandi, S., Zenesini, C., Biscarini, F., Franceschini, C., Antelmi, E., Ingravallo, F., Mignot, E., Bruni, O., Nobili, L., Veggiotti, P., Ferri, et al  
2024; 102 (1): e207815
- **Comorbid neurotrauma increases neurodegenerative-relevant cognitive, motor, and autonomic dysfunction in patients with REM sleep behavior disorder: A substudy of the North American Prodromal Synucleinopathy Consortium.** *Sleep*  
Elliott, J. E., Ligman, B. R., Bryant-Ekstrand, M. D., Keil, A. T., Powers, K., Olivo, C., Neilson, L., Postuma, R. B., Pelletier, A., Gagnon, J. F., Gan-Or, Z., Yu, E., Liu, et al



2024

- **HLA and KIR genetic association and NK cells in anti-NMDAR encephalitis.** *Frontiers in immunology*  
Peris Sempere, V., Luo, G., Muniz-Castrillo, S., Pinto, A., Picard, G., Rogemond, V., Titulaer, M. J., Finke, C., Leypoldt, F., Kuhlenbaumer, G., GENERATE study group, Jones, H. F., Dale, R. C., et al  
2024; 15: 1423149
- **Apparent resolution of hypersomnia episodes in two patients with Kleine-Levin syndrome following treatment with the melatonin receptor agonist ramelteon.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Dominguez, D., Rudock, R., Tomko, S., Pathak, S., Mignot, E., Licis, A.  
2023
- **Stakeholder involvement in the optimization of a patient-centered exercise intervention for people with restless legs syndrome.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Cederberg, K. L., Sikes, E. M., Mignot, E.  
2023
- **Excessive daytime sleepiness in primary care - Authors' reply.** *Lancet (London, England)*  
Perez-Carbonell, L., Mignot, E., Leschziner, G., Dauvilliers, Y.  
2023; 402 (10411): 1420-1421
- **RRWaveNet: A Compact End-to-End Multiscale Residual CNN for Robust PPG Respiratory Rate Estimation** *IEEE INTERNET OF THINGS JOURNAL*  
Osathitporn, P., Sawadwuthikul, G., Thuwajit, P., Ueafuea, K., Mateepithaktham, T., Kunaseth, N., Choksatchawathi, T., Punyabukkana, P., Mignot, E., Wilaiprasitporn, T.  
2023; 10 (18): 15943-15952
- **Mutations in human DNA methyltransferase DNMT1 induce specific genome-wide epigenomic and transcriptomic changes in neurodevelopment.** *Human molecular genetics*  
Davis, K. N., Qu, P. P., Ma, S., Lin, L., Plastini, M., Dahl, N., Plazzi, G., Pizza, F., O'Hara, R., Wong, W. H., Hallmayer, J., Mignot, E., Zhang, et al  
2023
- **Proteomic insights into the pathophysiology of periodic limb movements and restless legs syndrome.** *Sleep health*  
Cederberg, K. L., Peris Sempere, V., Lin, L., Zhang, J., Leary, E. B., Moore, H., Morse, A. M., Blackman, A., Schweitzer, P. K., Kotagal, S., Bogan, R., Kushida, C. A., STAGES cohort investigator group, et al  
2023
- **Repeated polysomnography and multiple sleep latency test in narcolepsy type 1 and other hypersomnolence disorders.** *Sleep medicine*  
Torstensen, E. W., Haubjerg Osterby, N. C., Kornum, B. R., Wanscher, B., Mignot, E., Barlose, M., Jennum, P. J.  
2023; 110: 91-98
- **Neurologic complications in herpes simplex encephalitis: clinical, immunological and genetic studies.** *Brain : a journal of neurology*  
Armangue, T., Olivé-Cirera, G., Martínez-Hernandez, E., Rodes, M., Peris-Sempere, V., Guasp, M., Ruiz, R., Palou, E., González, A., Marcos, M. Á., Erro, M. E., Bataller, L., Corral-Corral, et al  
2023
- **Perceptions of exercise and restless legs syndrome: Results from a nationwide survey.** *Journal of sleep research*  
Cederberg, K. L., Sikes, E. M., Mignot, E.  
2023; e13980
- **Key results from two phase 3 clinical trials on the efficacy and safety of daridorexant in patients with chronic insomnia disorder: a plain language summary** *FUTURE NEUROLOGY*  
Mignot, E., Mayleben, D., Fietze, I., Leger, D., Zammit, G., Bassetti, C. L., Kinter, D., Roth, T.  
2023
- **ARTIFICIAL INTELLIGENCE TO AID IN DIAGNOSIS OF TYPE I NARCOLEPSY**  
Nygate, Y., Rusk, S., Fernandez, C., Winzurk, Z., Wickwire, E., Mignot, E., Watson, N. F.  
OXFORD UNIV PRESS INC.2023
- **PERCEPTIONS OF PEOPLE WITH RESTLESS LEGS SYNDROME ON THE EFFECT OF EXERCISE ON SYMPTOMS: RESULTS OF A NATIONWIDE SURVEY**  
Cederberg, K., Sikes, E., Mignot, E.

OXFORD UNIV PRESS INC.2023

- **Continued Validation of the RBD Symptom Severity Scale (RBDSSS) in Participants of the North American Prodromal Synucleinopathy (NAPS) Consortium**  
Busicescu, A., Choudhury, P., Lee-Iannotti, J., Rangan, P., Fantini, M., Shprecher, D., Lim, M., Elliott, J., Avidan, A., Huddleston, D., Bliwise, D., Howell, M., Schenck, et al  
LIPPINCOTT WILLIAMS & WILKINS.2023
- **Sodium Oxybate in Treatment-Resistant REM Sleep Behavior Disorder.** *Sleep*  
During, E. H., Hernandez, B., Miglis, M. G., Sum-Ping, O., Hekmat, A., Cahuas, A., Ekelmans, A., Yoshino, F., Mignot, E., Kushida, C. A.  
2023
- **Safety and pharmacodynamics of a single infusion of danavorexton in adults with idiopathic hypersomnia.** *Sleep*  
Mignot, E., Bogan, R. K., Emsellem, H., Foldvary-Schaefer, N., Naylor, M., Neuwirth, R., Faessel, H., Swick, T., Olsson, T.  
2023
- **Baseline characteristics of the North American prodromal Synucleinopathy cohort.** *Annals of clinical and translational neurology*  
Elliott, J. E., Lim, M. M., Keil, A. T., Postuma, R. B., Pelletier, A., Gagnon, J., St Louis, E. K., Forsberg, L. K., Fields, J. A., Huddleston, D. E., Bliwise, D. L., Avidan, A. Y., Howell, et al  
2023
- **The sleep and wake electroencephalogram over the lifespan.** *Neurobiology of aging*  
Sun, H., Ye, E., Paixao, L., Ganglberger, W., Chu, C. J., Zhang, C., Rosand, J., Mignot, E., Cash, S. S., Gozal, D., Thomas, R. J., Westover, M. B.  
2023; 124: 60-70
- **Changed epidemiology of narcolepsy before, during, and after the 2009 H1N1 pandemic: a nationwide narcolepsy surveillance network study in mainland China, 1990-2017.** *Sleep*  
Wang, X., Xiao, F., Wang, Y., Deng, X., Chen, Z., Dong, X., Wang, W., Li, C., Xu, Z., Wu, H., Yu, H., Su, C., Wang, et al  
2023
- **Automatic Detection of Chronic Insomnia from Polysomnographic and Clinical Variables Using Machine Learning.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Hanif, U., Gimenez, U., Cairns, A., Lewin, D., Ashraf, N., Mignot, E.  
2023; 2023: 1-5
- **MSED: A Multi-Modal Sleep Event Detection Model for Clinical Sleep Analysis.** *IEEE transactions on bio-medical engineering*  
Zahid, A. N., Jennum, P., Mignot, E., Sorensen, H. B.  
2023; 70 (9): 2508-2518
- **A Flexible Deep Learning Architecture for Temporal Sleep Stage Classification Using Accelerometry and Photoplethysmography** *IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING*  
Olsen, M., Zeitzer, J. M., Richardson, R. N., Davidenko, P., Jennum, P. J., Sorensen, H. D., Mignot, E.  
2023; 70 (1): 228-237
- **SViT: A Spectral Vision Transformer for the Detection of REM Sleep Behavior Disorder.** *IEEE journal of biomedical and health informatics*  
Gunter, K. M., Brink-Kjaer, A., Mignot, E., Sorensen, H. B., During, E., Jennum, P.  
2023; 27 (9): 4285-4292
- **Fully Automated Detection of Isolated Rapid-Eye-Movement Sleep Behavior Disorder Using Actigraphy.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Brink-Kjaer, A., Winer, J., Zeitzer, J. M., Sorensen, H. B., Jennum, P., Mignot, E., During, E.  
2023; 2023: 1-5
- **Automatic scoring of drug-induced sleep endoscopy for obstructive sleep apnea using deep learning.** *Sleep medicine*  
Hanif, U., Kiaer, E. K., Capasso, R., Liu, S. Y., Mignot, E. J., Sorensen, H. B., Jennum, P.  
2022; 102: 19-29
- **DAYTIME SLEEPINESS AND WEIGHT CHANGE AMONG ADULTS: FINDINGS FROM THE WISCONSIN SLEEP COHORT STUDY**  
Liu, Y., Barnet, J., Hagen, E., Peppard, P., Reither, E., Mignot, E., Plante, D.  
OXFORD UNIV PRESS.2022: 364

- **Ambulatory Detection of Isolated Rapid-Eye-Movement Sleep Behavior Disorder Combining Actigraphy and Questionnaire.** *Movement disorders : official journal of the Movement Disorder Society*  
Brink-Kjaer, A., Gupta, N., Marin, E., Zitser, J., Sum-Ping, O., Hekmat, A., Bueno, F., Cahuas, A., Langston, J., Jennum, P., Sorensen, H. B., Mignot, E., During, E. et al  
2022
- **Repeated measures of hypocretin-1 in Danish and Italian patients with narcolepsy and in controls.** *Sleep medicine*  
Torstensen, E. W., Haubjerg Osterby, N. C., Pizza, F., Plazzi, G., Antelmi, E., Moresco, M., Mignot, E., Jorgensen, N. R., Christensen, G. L., Wanscher, B., Kornum, B. R., Jennum, P. J.  
2022; 101: 213-220
- **Protective Association of HLA-DRB1\*04 Subtypes in Neurodegenerative Diseases Implicates Acetylated Tau PHF6 Sequences**  
Mignot, E. M., Luo, G., Guen, Y., Ambati, A., Yogeshwar, S. M., Peris-Sempere, V., Lambert, J., Greicius, M., ADPD Collaborators, Study Group  
WILEY.2022: S58
- **Characterization of t cell receptors reactive to HCRTNH2, PHA(273)-(287) and NP17-(31) in control and narcolepsy patients**  
Luo, G., Zhang, J., Lin, L., Mignot, E.  
WILEY.2022
- **Genetics of Anti-NMDAR Encephalitis**  
Muniz-Castrillo, S., Peris-Sempere, V., Fagundes-Bueno, F., Lomba, S., Honnorat, J., Mignot, E., Anti-Nmdare Collaborators Grp  
WILEY.2022: S139
- **Rank Wise Effect of HLA-DQ5 Explains Risk for the Development of Anti-IgLON5 Disease**  
Yogeshwar, S. M., Peris-Sempere, V., Muniz-Castrillo, S., Luo, G., Finke, C., Honnorat, J., Mignot, E.  
WILEY.2022: S143
- **Understanding and approaching excessive daytime sleepiness.** *Lancet (London, England)*  
Perez-Carbonell, L., Mignot, E., Leschziner, G., Dauvilliers, Y.  
2022
- **Cerebellar Ataxia With Anti-DNER Antibodies: Outcomes and Immunologic Features.** *Neurology(R) neuroimmunology & neuroinflammation*  
Peter, E., Do, L. D., Hannoun, S., Muniz-Castrillo, S., Vogrig, A., Wucher, V., Pinto, A., Chounlamountri, N., Zakaria, W., Rogemond, V., Picard, G., Hedou, J., Ambati, et al  
2022; 9 (5)
- **Proteomic Biomarkers of Kleine-Levin Syndrome.** *Sleep*  
Hedou, J., Cederberg, K. L., Ambati, A., Lin, L., Farber, N., Dauvilliers, Y., Quadri, M., Bourgin, P., Plazzi, G., Andlauer, O., Hong, S. C., Huang, Y., Leu-Semenescu, et al  
2022
- **End-to-end Deep Learning of Polysomnograms for Classification of REM Sleep Behavior Disorder.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Brink-Kjaer, A., Gunter, K. M., Mignot, E., During, E., Jennum, P., Sorensen, H. B.  
2022; 2022: 2941-2944
- **Detection of Cheyne-Stokes Breathing using a transformer-based neural network.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Helge, A. W., Hanif, U., Joergensen, V. H., Jennum, P., Mignot, E., Sorensen, H. B.  
2022; 2022: 4580-4583
- **Increased Incidence of Pediatric Narcolepsy Following the 2009 H1N1 Pandemic: A Report from the Pediatric Working Group of the Sleep Research Network.** *Sleep*  
Simakajornboon, N., Mignot, E., Maski, K., Owens, J., Rosen, C., Ibrahim, S., Hassan, F., Chervin, R. D., Perry, G., Brooks, L., Kheirandish-Gozal, L., Gozal, D., Mason, et al  
2022
- **Long-term safety and maintenance of efficacy of sodium oxybate in the treatment of narcolepsy with cataplexy in pediatric patients.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Lecendreux, M., Plazzi, G., Dauvilliers, Y., Rosen, C. L., Ruoff, C., Black, J., Parvataneni, R., Guinta, D., Wang, Y. G., Mignot, E.  
2022

- **ESTIMATED PREVALENCE OF IDIOPATHIC HYPERSOMNIA IN THE WISCONSIN SLEEP COHORT**  
Peppard, P., Plante, D., Hagen, E., Barnet, J., Mignot, E.  
OXFORD UNIV PRESS INC.2022: A185
- **AT-HOME DETECTION OF REM SLEEP BEHAVIOR DISORDER USING A MACHINE LEARNING APPROACH AND WRIST ACTIGRAPHY**  
Brink-Kjaer, A., Gupta, N., Marin, E., Zitser, J., Sum-Ping, O., Hekmat, A., Bueno, F., Cahuas, A., Jennum, P., Sorensen, H., Mignot, E., During, E.  
OXFORD UNIV PRESS INC.2022: A243-A244
- **PROTEOMIC BIOMARKERS OF OBSTRUCTIVE SLEEP APNEA**  
Cederberg, K., Hanif, U., Leary, E., Schneider, L., Morse, A., Blackman, A., Schweitzer, P., Kotagal, S., Bogan, R., Kushida, C., Mignot, E.  
OXFORD UNIV PRESS INC.2022: A326
- **PROTEOMIC APPROACH FOR UNDERSTANDING THE MECHANISMS OF PERIODIC LIMB MOVEMENTS AND RESTLESS LEGS SYNDROME**  
Cederberg, K., Hanif, U., Leary, E., Schneider, L., Morse, A., Blackman, A., Schweitzer, P., Kotagal, S., Bogan, R., Kushida, C., Mignot, E.  
OXFORD UNIV PRESS INC.2022: A244
- **AGE ESTIMATION FROM SLEEP USING DEEP LEARNING PREDICTS LIFE EXPECTANCY**  
Brink-Kjaer, A., Leary, E., Sun, H., Westover, M., Stone, K., Peppard, P., Lane, N., Cawthon, P., Redline, S., Jennum, P., Mignot, E., Sorensen, H.  
OXFORD UNIV PRESS INC.2022: A143
- **Digital markers of sleep architecture to characterize the impact of different lockdown regimens on sleep health during the COVID-19 pandemic.** *Sleep*  
Pepin, J., Bailly, S., Mignot, E., Gaucher, J., Chouraki, A., Cals-Maurette, M., Ben Messaoud, R., Tamisier, R., Arnal, P. J.  
2022
- **Dissecting the HLA locus in Parkinson's disease in Europeans**  
Yu, E., Ambati, A., Andersen, M. S., Krohn, L., Estiar, M. A., Saini, P., Senkevich, K., Soser, Y. L., Sreelatha, A. K., Ruskey, J. A., Asayesh, F., Spiegelman, D., Toft, et al  
SPRINGERNATURE.2022: 293
- **Risks of Withdrawal Symptoms and Rebound Insomnia after Discontinuation of Daridorexant in Patients with Insomnia**  
Kinter, D., Leger, D., Fietze, I., Pain, S., Flamion, B., Mignot, E.  
SPRINGER HEIDELBERG.2022: 320-321
- **Human Leukocyte Antigen Association Study Reveals DRB1\*04:02 Effects Additional to DRB1\*07:01 in Anti-LGII Encephalitis.** *Neurology(R) neuroimmunology & neuroinflammation*  
Peris Sempere, V., Muniz-Castrillo, S., Ambati, A., Binks, S., Pinto, A., Rogemond, V., Pittcock, S. J., Dubey, D., Geschwind, M. D., Gelfand, J. M., Dilwali, S., Lee, S., Knight, et al  
1800; 9 (2)
- **Safety and efficacy of daridorexant in patients with insomnia disorder: results from two multicentre, randomised, double-blind, placebo-controlled, phase 3 trials.** *The Lancet. Neurology*  
Mignot, E., Mayleben, D., Fietze, I., Leger, D., Zammit, G., Bassetti, C. L., Pain, S., Kinter, D. S., Roth, T., investigators  
1800; 21 (2): 125-139
- **Safety and efficacy of daridorexant in patients with insomnia disorder: results from two multicentre, randomised, double-blind, placebo-controlled, phase 3 trials** *LANCET NEUROLOGY*  
Mignot, E., Mayleben, D., Fietze, I., Leger, D., Zammit, G., Bassetti, C. A., Pain, S., Kinter, D., Roth, T.  
2022; 21 (2): 125-139
- **Safety and efficacy of lower-sodium oxybate in adults with idiopathic hypersomnia: a phase 3, placebo-controlled, double-blind, randomised withdrawal study** *LANCET NEUROLOGY*  
Dauvilliers, Y., Arnulf, I., Foldvary-Schaefer, N., Morse, A., Sonka, K., Thorpy, M. J., Mignot, E., Chandler, P., Parvataneni, R., Black, J., Sterkel, A., Chen, D., Skobieranda, et al  
2022; 21 (1): 53-65
- **Safety and efficacy of lower-sodium oxybate in adults with idiopathic hypersomnia: a phase 3, placebo-controlled, double-blind, randomised withdrawal study.** *The Lancet. Neurology*  
Dauvilliers, Y., Arnulf, I., Foldvary-Schaefer, N., Morse, A. M., Sonka, K., Thorpy, M. J., Mignot, E., Chandler, P., Parvataneni, R., Black, J., Sterkel, A., Chen, D., Skobieranda, et al  
1800; 21 (1): 53-65

- **Narcolepsy with intermediate cerebrospinal level of hypocretin-1.** *Sleep*  
Postiglione, E., Barateau, L., Pizza, F., Lopez, R., Antelmi, E., Rasmu, A., Vandt, S., Chenini, S., Mignot, E., Dauvilliers, Y., Plazzi, G.  
1800
- **Fine mapping of the HLA locus in Parkinson's disease in Europeans.** *NPJ Parkinson's disease*  
Yu, E., Ambati, A., Andersen, M. S., Krohn, L., Estiar, M. A., Saini, P., Senkevich, K., Soser, Y. L., Sreelatha, A. A., Ruskey, J. A., Asayesh, F., Spiegelman, D., Toft, et al  
2021; 7 (1): 84
- **Disrupted nighttime sleep and sleep instability in narcolepsy.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Maski, K., Mignot, E., Plazzi, G., Dauvilliers, Y.  
2021
- **Arousal Characteristics in Patients with Parkinson's Disease and Isolated Rapid Eye Movement Sleep Behavior Disorder.** *Sleep*  
Brink-Kjar, A., Cesari, M., Sixel-Doring, F., Mollenhauer, B., Trenkwalder, C., Mignot, E., Sorensen, H. B., Jennum, P.  
2021
- **Genetic risk for subjective reports of insomnia associate only weakly with polygraphic measures of insomnia in 2,770 adults.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Foldager, J., Peppard, P. E., Hagen, E. W., Stone, K. L., Evans, D. S., Tranah, G. J., Sorensen, H., Jennum, P., Mignot, E., Schneider, L.  
2021
- **Clinical and Prognostic Value of Immunogenetic Characteristics in Anti-LGI1 Encephalitis.** *Neurology(R) neuroimmunology & neuroinflammation*  
Muniz-Castrillo, S., Haesebaert, J., Thomas, L., Vogrig, A., Pinto, A., Picard, G., Blanc, C., Do, L., Joubert, B., Berzero, G., Psimaras, D., Alentorn, A., Rogemond, et al  
2021; 8 (3)
- **AN UNUSUAL CASE OF POST-TRAUMATIC BRAIN INJURY KLEINE-LEVIN SYNDROME WITH ANTI-GAD-65 AUTOANTIBODIES**  
Tse, C., Mignot, E., Lim, M.  
OXFORD UNIV PRESS INC.2021: A320
- **ABSENCE OF WITHDRAWAL SYMPTOMS AND REBOUND INSOMNIA UPON DISCONTINUATION OF DARIDOREXANT IN PATIENTS WITH INSOMNIA**  
Leger, D., Fietze, I., Pain, S., Kinter, D., Flamion, B., Mignot, E.  
OXFORD UNIV PRESS INC.2021: A139
- **Distinctive clinical presentation and pathogenic specificities of anti-AK5 encephalitis.** *Brain : a journal of neurology*  
Muniz-Castrillo, S., Hedou, J. J., Ambati, A., Jones, D., Vogrig, A., Pinto, A., Benaiteau, M., de Broucker, T., Fechtenbaum, L., Labauge, P., Murnane, M., Nocon, C., Taifas, et al  
2021
- **T cell reactivity to regulatory factor X4 in type 1 narcolepsy.** *Scientific reports*  
Luo, G., Yogeshwar, S., Lin, L., Mignot, E. J.  
2021; 11 (1): 7841
- **Greatest changes in objective sleep architecture during COVID-19 lockdown in night-owls with increased REM sleep.** *Sleep*  
Pepin, J., Bailly, S., Mordret, E., Gaucher, J., Tamisier, R., Ben Messaoud, R., Arnal, P. J., Mignot, E.  
2021
- **Kleine-Levin syndrome is associated with birth difficulties and genetic variants in the TRANK1 gene loci.** *Proceedings of the National Academy of Sciences of the United States of America*  
Ambati, A., Hillary, R., Leu-Semenescu, S., Ollila, H. M., Lin, L., During, E. H., Farber, N., Rico, T. J., Faraco, J., Leary, E., Goldstein-Piekarski, A. N., Huang, Y., Han, et al  
2021; 118 (12)
- **Living to Dream-Reply.** *JAMA neurology*  
Leary, E. B., Stone, K. L., Mignot, E.  
2021
- **Sleep Problems in Narcolepsy and the Role of Hypocretin/Orexin Deficiency.** *Frontiers of neurology and neuroscience*

- Mignot, E., Zeitzer, J., Pizza, F., Plazzi, G.  
2021; 45: 103-116
- **Estimation of Apnea-Hypopnea Index using Deep Learning on 3D Craniofacial Scans.** *IEEE journal of biomedical and health informatics*  
Hanif, U. R., Leary, E. B., Schneider, L. D., Paulsen, R. R., Morse, A. M., Blackman, A., Schweitzer, P. K., Kushida, C. A., Liu, S. Y., Jennum, P., Sorensen, H. B., Mignot, E.  
2021; PP
  - **Upper Airway Classification in Sleep Endoscopy Examinations using Convolutional Recurrent Neural Networks.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Hanif, U., Kezirian, E., Kiar, E. K., Mignot, E., Sorensen, H. B., Jennum, P.  
2021; 2021: 3957-3960
  - **Automatic Segmentation to Cluster Patterns of Breathing in Sleep Apnea.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Joergensen, V. H., Hanif, U., Jennum, P., Mignot, E., Helge, A. W., Sorensen, H. B.  
2021; 2021: 164-168
  - **Polysomnographic Plethysmography Excursions are Reduced in Obese Elderly Men.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Kjar, M. R., Brink-Kjar, A., Hanif, U., Mignot, E., Jennum, P., Sorensen, H. B.  
2021; 2021: 2396-2399
  - **Acoustic stimulation time-locked to the beginning of sleep apnea events reduces oxygen desaturations: a pilot-study.** *Sleep medicine*  
Waeber, A., Arnal, P. J., Lecciso, G., Albir, D., Mignot, E., Heinzer, R.  
2020; 78: 38–42
  - **Genetics of Anti-NMDAR Encephalitis Implicates Natural Killer Cells**  
Ambati, A., Lin, L., Muniz-Castrillo, S., Pinto, A. M., Ollila, H., Rogemond, V., Finke, C., Leyboldt, F., Titulaer, M., Honnorat, J., Mignot, E., NMDAR-Ab Working Grp  
WILEY.2020: S52
  - **Autoimmunity to Hypocretin/Orexin and Molecular Mimicry to Flu in Type 1 Narcolepsy**  
Luo, G., Ambati, A., Lin, L., Partinen, M., Ji, X., Maecker, H., Mignot, E.  
WILEY.2020: S53
  - **Cataplexy-Free Days during Sodium Oxybate Treatment in Children and Adolescents with Narcolepsy with Cataplexy**  
Mignot, E., Rosen, C. L., Menno, D., Wang, Y., Profant, J., Dauvilliers, Y.  
WILEY.2020: S249
  - **Sodium Oxybate Treatment Effects on Sleep Architecture in Pediatric Patients with Narcolepsy with Cataplexy**  
Mignot, E., Bogan, R. K., Parvataneni, R., Wang, Y., Dauvilliers, Y.  
WILEY.2020: S249–S250
  - **Kleine-Levin Syndrome is Associated with Trank1 Gene Variants in Conjunction with Birth Difficulties**  
Ambati, A., Hillary, R., Leu-Semenescu, S., Ollila, H. M., Lin, L., Arnulf, I., Mignot, E.  
WILEY.2020: S256
  - **Automatic sleep stage classification with deep residual networks in a mixed-cohort setting.** *Sleep*  
Olesen, A. N., Jennum, P. J., Mignot, E., Sorensen, H. B.  
2020
  - **Association of Rapid Eye Movement Sleep With Mortality in Middle-aged and Older Adults.** *JAMA neurology*  
Leary, E. B., Watson, K. T., Ancoli-Israel, S., Redline, S., Yaffe, K., Ravelo, L. A., Peppard, P. E., Zou, J., Goodman, S. N., Mignot, E., Stone, K. L.  
2020
  - **Narcolepsy risk and COVID-19.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Mignot, E., Black, S.  
2020

- **Prediction of Patient Demographics using 3D Craniofacial Scans and Multi-view CNNs.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Hanif, U., Paulsen, R. R., Leary, E. B., Mignot, E., Jennum, P., Sorensen, H. B.  
2020; 2020: 1950–53
- **Proteomic biomarkers of sleep apnea.** *Sleep*  
Ambati, A., Ju, Y., Lin, L., Olesen, A. N., Koch, H., Hedou, J. J., Leary, E. B., Sempere, V. P., Mignot, E., Taheri, S.  
2020
- **Low C4 Copy Number of Total C4 Gene, C4B Gene and C4BL Gene in Children with Pediatric Acute-onset Neuropsychiatric Syndrome (PANS)**  
Kalinowski, A., Lee, J., Hedlin, H., Pattini, R., Ollila, H., Mignot, E., Levinson, D., Swedo, S., Murphy, T., Chan, A., Thienemann, M., Urban, A., Frankovich, et al  
WILEY.2020: 254–55
- **Cataplexy-Free Days With Sodium Oxybate Treatment in Children/Adolescents With Narcolepsy With Cataplexy**  
Mignot, E., Rosen, C. L., Menno, D., Wang, Y., Profant, J., Dauvilliers, Y.  
LIPPINCOTT WILLIAMS & WILKINS.2020
- **Sodium Oxybate Treatment Effects on Sleep Architecture in Pediatric Patients With Narcolepsy With Cataplexy**  
Mignot, E., Bogan, R. K., Black, J., Parvataneni, R., Menno, D., Wang, Y., Dauvilliers, Y.  
LIPPINCOTT WILLIAMS & WILKINS.2020
- **Autoimmunity to Hypocretin/Orexin and Molecular Mimicry to Flu in Type 1 Narcolepsy**  
Luo, G., Ambati, A., Lin, L., Partinen, M., Ji, X., Maecker, H., Mignot, E.  
LIPPINCOTT WILLIAMS & WILKINS.2020
- **Treatment of narcolepsy with natalizumab.** *Sleep*  
Scammell, T. E., Luo, G., Borke, P., Sullivan, L., Biddle, K., Mignot, E.  
2020
- **Primary DQ effect in the association between HLA and neurological syndromes with anti-GAD65 antibodies.** *Journal of neurology*  
Muniz-Castrillo, S., Ambati, A., Dubois, V., Vogrig, A., Joubert, B., Rogemond, V., Picard, G., Lin, L., Fabien, N., Mignot, E., Honnorat, J.  
2020
- **Design of a deep learning model for automatic scoring of periodic and non-periodic leg movements during sleep validated against multiple human experts.** *Sleep medicine*  
Carvelli, L., Olesen, A. N., Brink-Kjar, A., Leary, E. B., Peppard, P. E., Mignot, E., Sorensen, H. B., Jennum, P.  
2020; 69: 109–19
- **DNMT1 mutations leading to neurodegeneration paradoxically reflect on mitochondrial metabolism.** *Human molecular genetics*  
Maresca, A. n., Del Dotto, V. n., Capristo, M. n., Scimonelli, E. n., Tagliavini, F. n., Morandi, L. n., Tropeano, C. V., Caporali, L. n., Mohamed, S. n., Roberti, M. n., Scandiffio, L. n., Zaffagnini, M. n., Rossi, et al  
2020
- **Predicting Age with Deep Neural Networks from Polysomnograms**  
Brink-Kjaer, A., Mignot, E., Sorensen, H. D., Fennum, P., IEEE  
IEEE.2020: 146–49
- **Deep transfer learning for improving single-EEG arousal detection**  
Olesen, A., Jennum, P., Mignot, E., Sorensen, H. D., IEEE  
IEEE.2020: 99–103
- **Prediction of Patient Demographics using 3D Craniofacial Scans and Multi-view CNNs**  
Hanif, U., Paulsen, R. R., Leary, E. B., Mignot, E., Jennum, P., Sorensen, H. D., IEEE  
IEEE.2020: 1950–53
- **PSG Validation of minute-to-minute scoring for sleep and wake periods in a consumer wearable device.** *PloS one*  
Cheung, J. n., Leary, E. B., Lu, H. n., Zeitzer, J. M., Mignot, E. n.  
2020; 15 (9): e0238464
- **Mass Spectrometric Characterization of Narcolepsy-Associated Pandemic 2009 Influenza Vaccines.** *Vaccines*

- Ambati, A. n., Luo, G. n., Pradhan, E. n., Louis, J. n., Lin, L. n., Leib, R. D., Ollila, H. M., Poiret, T. n., Adams, C. n., Mignot, E. n.  
2020; 8 (4)
- **Predicting Age with Deep Neural Networks from Polysomnograms.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Brink-Kjaer, A., Mignot, E., Sorensen, H. B., Jennum, P.  
2020; 2020: 146–49
  - **Deep transfer learning for improving single-EEG arousal detection.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Olesen, A. N., Jennum, P., Mignot, E., Sorensen, H. B.  
2020; 2020: 99–103
  - **COMMENTARY on Lammers et al, Diagnosis of central disorders of hypersomnolence: Challenges in defining central disorders of hypersomnolence.** *Sleep medicine reviews*  
Maski, K. n., Mignot, E. n., Scammell, T. E.  
2020; 52: 101327
  - **Robust, ECG-based algorithm for Sleep Disordered Breathing detection in large population-based cohorts using an automatic, data-driven approach.** *Sleep*  
Olsen, M., Mignot, E., Jennum, P. J., Sorensen, H. B.  
2019
  - **Validation of Multiple Sleep Latency Test for the diagnosis of pediatric narcolepsy type 1.** *Neurology*  
Pizza, F., Barateau, L., Jaussent, I., Vandt, S., Antelmi, E., Mignot, E., Dauvilliers, Y., Plazzi, G., MonBo Study Group  
2019
  - **Cardiovascular autonomic dysfunction, altered sleep architecture, and muscle overactivity during nocturnal sleep in pediatric patients with narcolepsy type 1.** *Sleep*  
Vandt, S., Rodolfi, S., Pizza, F., Moresco, M., Antelmi, E., Ferri, R., Mignot, E., Plazzi, G., Silvani, A.  
2019
  - **Towards a Flexible Deep Learning Method for Automatic Detection of Clinically Relevant Multi-Modal Events in the Polysomnogram.** *Conference proceedings : ... Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual Conference*  
Olesen, A. N., Chambon, S., Thorey, V., Jennum, P., Mignot, E., Sorensen, H. B.  
2019; 2019: 556–61
  - **Cross-disorder analysis of schizophrenia and 19 immune-mediated diseases identifies shared genetic risk.** *Human molecular genetics*  
Pouget, J. G., Schizophrenia Working Group of the Psychiatric Genomics Consortium, Han, B., Wu, Y., Mignot, E., Ollila, H. M., Barker, J., Spain, S., Dand, N., Trembath, R., Martin, J., Mayes, M. D., Bossini-Castillo, L., et al  
2019
  - **Solriamfetol for Excessive Sleepiness in Obstructive Sleep Apnea (TONES 3) A Randomized Controlled Trial** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*  
Schweitzer, P. K., Rosenberg, R., Zammit, G. K., Gotfried, M., Chen, D., Carter, L. P., Wang, H., Lu, Y., Black, J., Malhotra, A., Strohl, K. P.  
2019; 199 (11): 1421–31
  - **Meeting report narcolepsy and pandemic influenza vaccination: What we know and what we need to know before the next pandemic? A report from the 2nd IABS meeting.** *Biologicals : journal of the International Association of Biological Standardization*  
Edwards, K., Hanquet, G., Black, S., Mignot, E., Jankosky, C., Shimabukuro, T., Miller, E., Nohynek, H., Neels, P.  
2019
  - **The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight** *SCIENCE*  
Garrett-Bakelman, F. E., Darshi, M., Green, S. J., Gur, R. C., Lin, L., Macias, B. R., McKenna, M. J., Meydan, C., Mishra, T., Nasrini, J., Piening, B. D., Rizzardi, L. F., Sharma, et al  
2019; 364 (6436): 144+
  - **Physical activity, sleep and cardiovascular health data for 50,000 individuals from the MyHeart Counts Study** *SCIENTIFIC DATA*  
Hershman, S. G., Bot, B. M., Shcherbina, A., Doerr, M., Moayed, Y., Pavlovic, A., Waggott, D., Cho, M. K., Rosenberger, M. E., Haskell, W. L., Myers, J., Champagne, M., Mignot, et al



2019; 6

- **Physical activity, sleep and cardiovascular health data for 50,000 individuals from the MyHeart Counts Study.** *Scientific data*  
Hershman, S. G., Bot, B. M., Shcherbina, A., Doerr, M., Moayed, Y., Pavlovic, A., Waggott, D., Cho, M. K., Rosenberger, M. E., Haskell, W. L., Myers, J., Champagne, M. A., Mignot, et al  
2019; 6 (1): 24
- **AUTOIMMUNITY TO HYPOCRETIN AND MOLECULAR MIMICRY TO FLU IN TYPE 1 NARCOLEPSY**  
Luo, G., Ambati, A., Lin, L., Bonvalet, M., Partinen, M., Ji, X., Maecker, H., Mignot, E.  
OXFORD UNIV PRESS INC.2019
- **PROTEOMIC BIOMARKERS OF CIRCADIAN TIME**  
Ambati, A., Lin, L., Zitting, K., Duffy, J. F., Zeitzer, J., Spiegel, D., Czeisler, C. A., Mignot, E.  
OXFORD UNIV PRESS INC.2019
- **LONG-TERM SAFETY OF SODIUM OXYBATE IN PEDIATRIC NARCOLEPSY WITH CATAPLEXY: OPEN-LABEL CONTINUATION POST 1-YEAR OF TREATMENT**  
Strunc, M. J., Mignot, E., Wang, G., Black, J., Chakravarthy, D., Parvataneni, R., Plazzi, G.  
OXFORD UNIV PRESS INC.2019
- **TOWARDS A DEEP LEARNING-BASED JOINT DETECTION MODEL FOR NOCTURNAL POLYSOMNOGRAM EVENTS**  
Olesen, A. N., Thybo, J., Chambon, S., Thorey, V., Jennum, P. J., Sorensen, H. B., Mignot, E.  
OXFORD UNIV PRESS INC.2019
- **DEVELOPMENT OF COMPLEX DATA PLATFORM FOR THE STANFORD TECHNOLOGY ANALYTICS AND GENOMICS IN SLEEP (STAGES) STUDY**  
Leary, E. B., Seeger-Zybok, R. K., Mazurek, M., Voronoy, A., Lawlor, B., Stephenson, C., Kushida, C., Mignot, E.  
OXFORD UNIV PRESS INC.2019
- **EVALUATION OF CATAPLEXY-FREE DAYS IN CHILDREN/ ADOLESCENTS WITH NARCOLEPSY WITH CATAPLEXY TREATED WITH SODIUM OXYBATE**  
Mignot, E., Rosen, C. L., Menno, D., Wang, G., Profant, J., Dauvilliers, Y.  
OXFORD UNIV PRESS INC.2019
- **Knowledge Gaps in the Perioperative Management of Adults With Narcolepsy: A Call for Further Research.** *Anesthesia and analgesia*  
Hershner, S., Dauvilliers, Y., Chung, F., Singh, M., Wong, J., Gali, B., Kakkar, R., Mignot, E., Thorpy, M., Auckley, D.  
2019
- **Non-invasive machine learning estimation of effort differentiates sleep-disordered breathing pathology.** *Physiological measurement*  
Hanif, U., Schneider, L. D., Trap, L., Leary, E. B., Moore Iv, H., Guilleminault, C., Jennum, P. J., Bjarup Dissing Sorensen, H., Mignot, E. J.  
2019
- **Non-invasive machine learning estimation of effort differentiates sleep-disordered breathing pathology** *PHYSIOLOGICAL MEASUREMENT*  
Hanif, U., Schneider, L. D., Trap, L., Leary, E. B., Moore, H., Guilleminault, C., Jennum, P., Sorensen, H. D., Mignot, E. M.  
2019; 40 (2)
- **HPLC analysis of CSF hypocretin-1 in type 1 and 2 narcolepsy.** *Scientific reports*  
Sakai, N., Matsumura, M., Lin, L., Mignot, E., Nishino, S.  
2019; 9 (1): 477
- **HPLC analysis of CSF hypocretin-1 in type 1 and 2 narcolepsy** *SCIENTIFIC REPORTS*  
Sakai, N., Matsumura, M., Lin, L., Mignot, E., Nishino, S.  
2019; 9
- **Factors associated with fatigue in patients with insomnia.** *Journal of psychiatric research*  
Kim, S. J., Kim, S. n., Jeon, S. n., Leary, E. B., Barwick, F. n., Mignot, E. n.  
2019; 117: 24–30
- **Towards a Flexible Deep Learning Method for Automatic Detection of Clinically Relevant Multi-Modal Events in the Polysomnogram**  
Olesen, A., Chambon, S., Thorey, V., Jennum, P., Mignot, E., Sorensen, H. D., IEEE  
IEEE.2019: 556–61

- **[Narcolepsy: From the discovery of a wake promoting peptide to autoimmune T cell biology and molecular mimicry with flu epitopes].** *Biologie aujourd'hui*  
Ravel, J. M., Mignot, E. J.  
2019; 213 (3-4): 87–108
- **The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight.** *Science (New York, N.Y.)*  
Garrett-Bakelman, F. E., Darshi, M. n., Green, S. J., Gur, R. C., Lin, L. n., Macias, B. R., McKenna, M. J., Meydan, C. n., Mishra, T. n., Nasrini, J. n., Piening, B. D., Rizzardi, L. F., Sharma, et al  
2019; 364 (6436)
- **GENETICS OF VACCINATION RELATED NARCOLEPSY**  
Ollila, H., Wennerstrom, A., Partinen, M., Mignot, E., Saarela, J., Saavalainen, P., Vaarala, O., Tienari, P., Perola, M.  
ELSEVIER SCIENCE BV.2019: S994
- **TRANSETHNIC ANALYSIS OF HIGH-RESOLUTION HLA ALLELES AND COMPLEMENT 4 STRUCTURAL POLYMORPHISMS IN SCHIZOPHRENIA**  
Ollila, H., Li, M., Mindrinos, M., Wang, C., Fernandez-Vina, M., Kuehn, R., Krishnakumar, S., Wilhelmy, J., Tsuang, M. T., Glatt, S. J., Mignot, E., Levinson, D. F.  
ELSEVIER SCIENCE BV.2019: S937
- **Response to "H1N1 hemagglutinin-specific HLA-DQ6-restricted CD4+ T cells can be readily detected in narcolepsy type 1 patients and healthy controls".** *Journal of neuroimmunology*  
Mignot, E. n., Ambati, A. n., Luo, G. n.  
2019; 333: 476959
- **Autoimmunity to hypocretin and molecular mimicry to flu in type 1 narcolepsy** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Luo, G., Ambati, A., Lin, L., Bonvalet, M., Partinen, M., Ji, X., Maecker, H., Mignot, E.  
2018; 115 (52): E12323-E12332
- **Autoimmunity to hypocretin and molecular mimicry to flu in type 1 narcolepsy.** *Proceedings of the National Academy of Sciences of the United States of America*  
Luo, G., Ambati, A., Lin, L., Bonvalet, M., Partinen, M., Ji, X., Maecker, H. T., Mignot, E. J.  
2018
- **Neural network analysis of sleep stages enables efficient diagnosis of narcolepsy** *NATURE COMMUNICATIONS*  
Stephansen, J. B., Olesen, A. N., Olsen, M., Ambati, A., Leary, E. B., Moore, H. E., Carrillo, O., Lin, L., Han, F., Yan, H., Sun, Y. L., Dauvilliers, Y., Scholz, et al  
2018; 9
- **Periodic limb movements in sleep: Prevalence and associated sleepiness in the Wisconsin Sleep Cohort** *CLINICAL NEUROPHYSIOLOGY*  
Leary, E. B., Moore, H. E., Schneider, L. D., Finn, L. A., Peppard, P. E., Mignot, E.  
2018; 129 (11): 2306-2314
- **Periodic limb movements in sleep: Prevalence and associated sleepiness in the Wisconsin Sleep Cohort.** *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology*  
Leary, E. B., Moore, H. E., Schneider, L. D., Finn, L. A., Peppard, P. E., Mignot, E.  
2018; 129 (11): 2306–14
- **Treatment of paediatric narcolepsy with sodium oxybate: a double-blind, placebo-controlled, randomised-withdrawal multicentre study and open-label investigation** *LANCET CHILD & ADOLESCENT HEALTH*  
Plazzi, G., Ruoff, C., Lecendreux, M., Dauvilliers, Y., Rosen, C. L., Black, J., Parvataneni, R., Guinta, D., Wang, Y., Mignot, E.  
2018; 2 (7): 483–94
- **Genetic variants in the HLA class II region associated with risk of cutaneous squamous cell carcinoma** *CANCER IMMUNOLOGY IMMUNOTHERAPY*  
Wang, W., Ollila, H. M., Whittemore, A. S., Demehri, S., Ioannidis, N. M., Jorgenson, E., Mignot, E., Asgari, M. M.  
2018; 67 (7): 1123-1133
- **Genetic variants in the HLA class II region associated with risk of cutaneous squamous cell carcinoma.** *Cancer immunology, immunotherapy : CII*  
Wang, W., Ollila, H. M., Whittemore, A. S., Demehri, S., Ioannidis, N. M., Jorgenson, E., Mignot, E., Asgari, M. M.  
2018
- **BUILDING A HIGH RESOLUTION HAPLOTYPE DATABASE FOR 11 HUMAN LEUKOCYTE ANTIGEN LOCI FROM FAMILY TRIOS**

Kountouris, E., Levinson, D., Fernandez-Vina, M. A., Ollila, H., Mignot, E., Tsuang, M., Glatt, S., Li, M., Mindrinos, M.  
WILEY.2018: 435–36

- **Improved primary CNS hypersomnia diagnosis with statistical machine learning**  
Jiang, L., Cheung, J., Mignot, E., Schneider, L.  
LIPPINCOTT WILLIAMS & WILKINS.2018
- **A Double-Blind, Placebo-Controlled, Randomized-Withdrawal, Multicenter Study of the Efficacy and Safety of Sodium Oxybate (SXB) in Pediatric Participants with Narcolepsy Type 1 (NT1)**  
Ruoff, C., Plazzi, G., Lecendreux, M., Dauvilliers, Y., Rosen, C., Black, J., Parvataneni, R., Guinta, D., Wang, Y., Mignot, E.  
LIPPINCOTT WILLIAMS & WILKINS.2018
- **Flow cytometry analysis of T-cell subsets in cerebrospinal fluid of narcolepsy type 1 patients with long-lasting disease** *SLEEP MEDICINE*  
Moresco, M., Lecciso, M., Ocadlikova, D., Filardi, M., Melzi, S., Kornum, B., Antelmi, E., Pizza, F., Mignot, E., Curti, A., Plazzi, G.  
2018; 44: 53–60
- **A comparative study of methods for automatic detection of rapid eye movement abnormal muscular activity in narcolepsy** *SLEEP MEDICINE*  
Olesen, A., Cesari, M., Christensen, J., Sorensen, H., Mignot, E., Jennum, P.  
2018; 44: 97–105
- **Sleepyhead: Narcolepsy, Neuroscience and the Search for a Good Night (Book Review)** *NATURE*  
Book Review Authored by: Mignot, E.  
2018; 555 (7694): 22–23
- **Complex HLA association in paraneoplastic cerebellar ataxia with anti-Yo antibodies** *JOURNAL OF NEUROIMMUNOLOGY*  
Hillary, R. P., Ollila, H. M., Lin, L., Desestret, V., Rogemond, V., Picard, G., Small, M., Arnulf, I., Dauvilliers, Y., Honnorat, J., Mignot, E.  
2018; 315: 28–32
- **Multiplex family with GAD65-Abs neurologic syndromes** *NEUROLOGY-NEUROIMMUNOLOGY & NEUROINFLAMMATION*  
Belbezier, A., Joubert, B., Montero-Martin, G., Fernandez-Vina, M., Fabien, N., Rogemond, V., Mignot, E., Honnorat, J.  
2018; 5 (1): e416
- **A DEEP LEARNING ARCHITECTURE TO DETECT EVENTS IN EEG SIGNALS DURING SLEEP**  
Chambon, S., Thorey, V., Arnal, P. J., Mignot, E., Gramfort, A., Pustelnik, N., Ma, Z., Tan, Z. H., Larsen, J.  
IEEE.2018
- **Automatic, ECG-based detection of autonomic arousals and their association with cortical arousals, leg movements, and respiratory events in sleep.** *Sleep*  
Olsen, M. n., Schneider, L. D., Cheung, J. n., Peppard, P. E., Jennum, P. J., Mignot, E. n., Sorensen, H. B.  
2018
- **Increased EEG Theta Spectral Power in Sleep in Myotonic Dystrophy Type 1.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Cheung, J. n., Ruoff, C. n., Moore, H. n., Hagerman, K. A., Perez, J. n., Sakamuri, S. n., Warby, S. C., Mignot, E. n., Day, J. n., Sampson, J. n.  
2018; 14 (2): 229–35
- **The MSLT is Repeatable in Narcolepsy Type 1 But Not Narcolepsy Type 2: A Retrospective Patient Study.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Ruoff, C. n., Pizza, F. n., Trotti, L. M., Sonka, K. n., Vandi, S. n., Cheung, J. n., Pinto, S. n., Einen, M. n., Simakajornboon, N. n., Han, F. n., Peppard, P. n., Nevsimalova, S. n., Plazzi, et al  
2018; 14 (1): 65–74
- **Slow wave sleep disruption increases cerebrospinal fluid amyloid-beta levels** *BRAIN*  
Ju, Y. S., Ooms, S. J., Sutphen, C., Macauley, S. L., Zangrilli, M. A., Jerome, G., Fagan, A. M., Mignot, E., Zempel, J. M., Claassen, J. R., Holtzman, D. M.  
2017; 140: 2104–11
- **Shallow Mixing Layer Downstream from a Sudden Expansion** *JOURNAL OF HYDRAULIC ENGINEERING*  
Han, L., Mignot, E., Riviere, N.  
2017; 143 (5)
- **Increased EEG theta spectral power in polysomnography of myotonic dystrophy type 1 compared to matched controls.**  
Ruoff, C., Cheung, J., Perez, J., Sakamuri, S., Mignot, E., Day, J., Sampson, J.

LIPPINCOTT WILLIAMS & WILKINS.2017

- **Diagnostic value of sleep stage dissociation as visualized on a 2-Dimensional sleep state space in human narcolepsy.** *Journal of neuroscience methods*  
Olsen, A. V., Stephansen, J., Leary, E., Peppard, P. E., Sheungshul, H., Jennum, P., Sorensen, H., Mignot, E.  
2017
- **Analysis of Hypoxic and Hypercapnic Ventilatory Response in Healthy Volunteers** *PLOS ONE*  
Goldberg, S., Ollila, H. M., Lin, L., Sharifi, H., Rico, T., Andlauer, O., Aran, A., Bloomrosen, E., Faraco, J., Fang, H., Mignot, E.  
2017; 12 (1)
- **Typology of the flow structures in dividing open channel flows** *JOURNAL OF HYDRAULIC RESEARCH*  
Momplot, A., Kouyi, G. L., Mignot, E., Riviere, N., Bertrand-Krajewski, J.  
2017; 55 (1): 63-71
- **Sedative-Hypnotics** *AMERICAN PSYCHIATRIC ASSOCIATION PUBLISHING TEXTBOOK OF PSYCHOPHARMACOLOGY, 5TH EDITION*  
Nishino, S., Sakai, N., Mishima, K., Mignot, E., Dement, W. C., Schatzberg, A. F., Nemeroff, C. B.  
2017: 1051-1082
- **Autoimmunity in narcolepsy.** *Current opinion in pulmonary medicine*  
Bonvalet, M. n., Ollila, H. M., Ambati, A. n., Mignot, E. n.  
2017; 23 (6): 522–29
- **Feasibility of Obtaining Measures of Lifestyle From a Smartphone App: The MyHeart Counts Cardiovascular Health Study.** *JAMA cardiology*  
McConnell, M. V., Shcherbina, A., Pavlovic, A., Homburger, J. R., Goldfeder, R. L., Waggot, D., Cho, M. K., Rosenberger, M. E., Haskell, W. L., Myers, J., Champagne, M. A., Mignot, E., Landray, et al  
2017; 2 (1): 67-76
- **Diagnosis and Management of Narcolepsy.** *Seminars in neurology*  
Schneider, L. n., Mignot, E. n.  
2017; 37 (4): 446–60
- **Longitudinal associations of hypersomnolence and depression in the Wisconsin Sleep Cohort Study.** *Journal of affective disorders*  
Plante, D. T., Finn, L. A., Hagen, E. W., Mignot, E., Peppard, P. E.  
2017; 207: 197-202
- **Breathing Disturbances Without Hypoxia Are Associated With Objective Sleepiness in Sleep Apnea.** *Sleep*  
Koch, H. n., Schneider, L. D., Finn, L. A., Leary, E. B., Peppard, P. E., Hagen, E. n., Sorensen, H. B., Jennum, P. n., Mignot, E. n.  
2017; 40 (11)
- **Absence of anti-hypocretin receptor 2 autoantibodies in post pandemic narcolepsy cases.** *PloS one*  
Luo, G. n., Lin, L. n., Jacob, L. n., Bonvalet, M. n., Ambati, A. n., Plazzi, G. n., Pizza, F. n., Leib, R. n., Adams, C. M., Partinen, M. n., Mignot, E. J.  
2017; 12 (12): e0187305
- **Computing flooding of crossroads with obstacles using a 2D numerical model** *JOURNAL OF HYDRAULIC RESEARCH*  
Bazin, P., Mignot, E., Paquier, A.  
2017; 55 (1): 72-84
- **Longitudinal associations of hypersomnolence and depression in the Wisconsin Sleep Cohort Study** *JOURNAL OF AFFECTIVE DISORDERS*  
Plante, D. T., Finn, L. A., Hagen, E. W., Mignot, E., Peppard, P. E.  
2017; 207: 197-202
- **Turbulent Viscosity Concept Downstream an Open-Channel Sudden Expansion** *JOURNAL OF APPLIED FLUID MECHANICS*  
Han, L., Mignot, E., Riviere, N.  
2016; 9 (5): 2311-2319
- **Effect of liraglutide 3.0?mg in individuals with obesity and moderate or severe obstructive sleep apnea: the SCALE Sleep Apnea randomized clinical trial.** *International journal of obesity*  
Blackman, A., Foster, G. D., Zammit, G., Rosenberg, R., Aronne, L., Wadden, T., Claudius, B., Jensen, C. B., Mignot, E.  
2016; 40 (8): 1310-1319
- **Familial Kleine-Levin Syndrome: A Specific Entity?** *SLEEP*

- 
- Quang Tuan Remy Nguyen, Q. T., Groos, E., Leclair-Visonneau, L., Monaca-Charley, C., Rico, T., Farber, N., Mignot, E., Arnulf, I.  
2016; 39 (8): 1535-1542
- **Disrupted Sleep in Narcolepsy: Exploring the Integrity of Galanin Neurons in the Ventrolateral Preoptic Area** *SLEEP*  
Gavrilov, Y. V., Ellison, B. A., Yamamoto, M., Reddy, H., Haybaeck, J., Mignot, E., Baumann, C. R., Scammell, T. E., Valko, P. O.  
2016; 39 (5): 1059-1062
  - **Coherent turbulent structures at the mixing-interface of a square open-channel lateral cavity** *PHYSICS OF FLUIDS*  
Mignot, E., Cai, W., Launay, G., Riviere, N., Escauriaza, C.  
2016; 28 (4)
  - **AN ACCURATE GENOTYPING METHOD FOR HUMAN LEUKOCYTE ANTIGEN BASED ON NEXT GENERATION SEQUENCING TECHNOLOGY**  
Li, M., Mindrinos, M., Wang, C., Sargsyan, O., Thorstenson, Y., Babrzaeh, F., Mignot, E., Ollila, H., Vina, M., Levinson, D.  
WILEY-BLACKWELL.2016: 280-81
  - **FEASIBILITY OF GENETIC ASSOCIATION STUDIES WITH THE HIGH THROUGHPUT MIA FORA NGS ASSAY**  
Wang, C., Li, M., Krishnakumar, S., Sargsyan, O., Gaule, A., Thorstenson, Y., Simonovich, J., Munoz, A., Draina, E., Fukushima, M., Babrzadeh, F., Kuehn, R., Abraham, et al  
WILEY-BLACKWELL.2016: 284-85
  - **Clear-Water Scouring Process in a Flow in Supercritical Regime** *JOURNAL OF HYDRAULIC ENGINEERING*  
Mignot, E., Moyne, T., Doppler, D., Riviere, N.  
2016; 142 (4)
  - **Subjective and Objective Measures of Hypersomnolence Demonstrate Divergent Associations with Depression among Participants in the Wisconsin Sleep Cohort Study** *JOURNAL OF CLINICAL SLEEP MEDICINE*  
Plante, D. T., Finn, L. A., Hagen, E. W., Mignot, E., Peppard, P. E.  
2016; 12 (4): 571-578
  - **VALIDATION OF GENOTYPING METHOD FOR HUMAN LEUKOCYTE ANTIGEN BASED ON NEXT GENERATION SEQUENCING TECHNOLOGY**  
Li, M., Mindrinos, M., Wang, C., Drinas, E., Babrzadeh, F., Vina, M., Mignot, E., Ollila, H., Levinson, D.  
ELSEVIER SCIENCE INC.2016: 118
  - **Immunologic and Genetic Aspects of Type 1 Narcolepsy** *GENOMICS, CIRCUITS, AND PATHWAYS IN CLINICAL NEUROPSYCHIATRY*  
Jacob, L., Ollila, H. M., Mahlios, J., Mignot, E., Lehner, T., Miller, B. L., State, M. W.  
2016: 635-52
  - **Urban domestic wastewater: how to reduce individual injection?** *WATER SCIENCE AND TECHNOLOGY*  
Polome, P., Mignot, E., Nasri, A., Kouyi, G. L., Campan, L., Hooge, C., Riviere, N.  
2016; 73 (1): 144-152
  - **Sleep-stage transitions during polysomnographic recordings as diagnostic features of type 1 narcolepsy.** *Sleep medicine*  
Christensen, J. A., Carrillo, O., Leary, E. B., Peppard, P. E., Young, T., Sorensen, H. B., Jennum, P., Mignot, E.  
2015; 16 (12): 1558-1566
  - **The diagnostic value of power spectra analysis of the sleep electroencephalography in narcoleptic patients** *SLEEP MEDICINE*  
Christensen, J. A., Munk, E. G., Peppard, P. E., Young, T., Mignot, E., Sorensen, H. B., Jennum, P.  
2015; 16 (12): 1516-1527
  - **Narcolepsy in African Americans** *SLEEP*  
Kawai, M., O'Hara, R., Einen, M., Lin, L., Mignot, E.  
2015; 38 (11): 1673-1681
  - **Narcolepsy in African Americans.** *Sleep*  
Kawai, M., O'Hara, R., Einen, M., Lin, L., Mignot, E.  
2015; 38 (11): 1673-81
  - **Association of low ferritin with PLM in the Wisconsin Sleep Cohort.** *Sleep medicine*  
Li, J., Moore, H., Lin, L., Young, T., Finn, L., Peppard, P. E., Mignot, E.
-

2015; 16 (11): 1413-1418

- **Novel loci associated with usual sleep duration: the CHARGE Consortium Genome-Wide Association Study.** *Molecular psychiatry*  
Gottlieb, D. J., Hek, K., Chen, T., Watson, N. F., Eiriksdottir, G., Byrne, E. M., Cornelis, M., Warby, S. C., Bandinelli, S., Cherkas, L., Evans, D. S., Grabe, H. J., Lahti, et al  
2015; 20 (10): 1232-1239
- **A new flow structure in a dividing open channel** *HOUILLE BLANCHE-REVUE INTERNATIONALE DE L EAU*  
Momplot, A., Lipeme Kouyi, G., Mignot, E., Riviere, N., Bertrand-Krajewski, J.  
2015: 78-83
- **EIF3G is associated with narcolepsy across ethnicities** *EUROPEAN JOURNAL OF HUMAN GENETICS*  
Holm, A., Lin, L., Faraco, J., Mostafavi, S., Battle, A., Zhu, X., Levinson, D. F., Han, F., Gammeltoft, S., Jennum, P., Mignot, E., Kornum, B. R.  
2015; 23 (11): 1573-1580
- **Cerebrospinal fluid cytokine levels in type 1 narcolepsy patients very close to onset** *BRAIN BEHAVIOR AND IMMUNITY*  
Kornum, B. R., Pizza, F., Knudsen, S., Plazzi, G., Jennum, P., Mignot, E.  
2015; 49: 54-58
- **Applying the Test-Negative Design to Vaccine Safety Studies: Risk of Narcolepsy Associated with A/H1N1 (2009) Pandemic Influenza Vaccination in Quebec**  
Cohet, C., Montplaisir, J., Petit, D., Quinn, M., Ouakki, M., Deceuninck, G., Desautels, A., Mignot, E., Bauchau, V., Shinde, V., De Wals, P.  
WILEY-BLACKWELL.2015: 406-7
- **Nocturnal Sleep Dynamics Identify Narcolepsy Type 1** *SLEEP*  
Pizza, F., Vandi, S., Iloti, M., Franceschini, C., Liguori, R., Mignot, E., Plazzi, G.  
2015; 38 (8): 1277-U132
- **Nocturnal Sleep Dynamics Identify Narcolepsy Type 1.** *Sleep*  
Pizza, F., Vandi, S., Iloti, M., Franceschini, C., Liguori, R., Mignot, E., Plazzi, G.  
2015; 38 (8): 1277-84
- **Inter-expert and intra-expert reliability in sleep spindle scoring.** *Clinical neurophysiology*  
Wendt, S. L., Welinder, P., Sorensen, H. B., Peppard, P. E., Jennum, P., Perona, P., Mignot, E., Warby, S. C.  
2015; 126 (8): 1548-1556
- **Serum cytokine levels in Kleine-Levin syndrome** *SLEEP MEDICINE*  
Kornum, B. R., Rico, T., Lin, L., Huang, Y., Arnulf, I., Jennum, P., Mignot, E.  
2015; 16 (8): 961-965
- **Comparison of Pandemrix and Arepanrix, two pH1N1 AS03-adjuvanted vaccines differentially associated with narcolepsy development.** *Brain, behavior, and immunity*  
Jacob, L., Leib, R., Ollila, H. M., Bonvalet, M., Adams, C. M., Mignot, E.  
2015; 47: 44-57
- **History of narcolepsy at Stanford University (vol 58, pg 315, 2014)** *IMMUNOLOGIC RESEARCH*  
Mignot, E. M.  
2015; 62 (2): 253
- **Sleep spindle alterations in patients with Parkinson's disease** *FRONTIERS IN HUMAN NEUROSCIENCE*  
Christensen, J. A., Nikolic, M., Warby, S. C., Koch, H., Zoetmulder, M., Frandsen, R., Moghadam, K. K., Sorensen, H. B., Mignot, E., Jennum, P. J.  
2015; 9
- **HLA-DQ Allele Competition in Narcolepsy: A Comment on Tafti et al. DQB1 locus alone explains most of the risk and protection in narcolepsy with cataplexy in Europe** *SLEEP*  
Ollila, H. M., Fernandez-Vina, M., Mignot, E.  
2015; 38 (1): 147-151
- **Sleep Disorders** *NEUROBIOLOGY OF BRAIN DISORDERS: BIOLOGICAL BASIS OF NEUROLOGICAL AND PSYCHIATRIC DISORDERS*  
Kornum, B., Mignot, E., Zigmond, M. J., Rowland, L. P., Coyle, J. T.  
2015: 585-611

- **MULTIETHNIC RNA SEQUENCING ANALYSIS OF HLA REVEALS HLA-ALLELE SPECIFIC EQTLS.**  
Ollila, H. M., Jolanki, O., Hollenbach, J. A., Norman, P., Mignot, E.  
ELSEVIER SCIENCE INC.2015: 20
- **SEV – a software toolbox for large scale analysis and visualization of polysomnography data** *Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization*  
Moore, H. E., Mignot, E.  
2015; 3 (3): 123-135
- **PRIMARY PROGRESSIVE NARCOLEPSY TYPE 1: THE OTHER SIDE OF THE COIN** *NEUROLOGY*  
Pizza, F., Vandi, S., Liguori, R., Parchi, P., Avoni, P., Mignot, E., Plazzi, G.  
2014; 83 (23): 2189–90
- **HLA DQB1\*06:02 Negative Narcolepsy with Hypocretin/Orexin Deficiency** *SLEEP*  
Han, F., Lin, L., Schormair, B., Pizza, F., Plazzi, G., Ollila, H. M., Nevsimalova, S., Jennum, P., Knudsen, S., Winkelmann, J., Coquillard, C., Babrzadeh, F., Strom, et al  
2014; 37 (10): 1601-1608
- **HLA DQB1\*06:02 negative narcolepsy with hypocretin/orexin deficiency.** *Sleep*  
Han, F., Lin, L., Schormair, B., Pizza, F., Plazzi, G., Ollila, H. M., Nevsimalova, S., Jennum, P., Knudsen, S., Winkelmann, J., Coquillard, C., Babrzadeh, F., Strom, et al  
2014; 37 (10): 1601-1608
- **Modeling Flow Exchanges between a Street and an Underground Drainage Pipe during Urban Floods** *JOURNAL OF HYDRAULIC ENGINEERING*  
Bazin, P., Nakagawa, H., Kawaike, K., Paquier, A., Mignot, E.  
2014; 140 (10)
- **Mixing layer in open-channel junction flows** *ENVIRONMENTAL FLUID MECHANICS*  
Mignot, E., Vinkovic, I., Doppler, D., Riviere, N.  
2014; 14 (5): 1027-1041
- **Risk of Narcolepsy Associated with Inactivated Adjuvanted (AS03) A/H1N1 (2009) Pandemic Influenza Vaccine in Quebec** *PLOS ONE*  
Montplaisir, J., Petit, D., Quinn, M., Ouakki, M., Deceuninck, G., Desautels, A., Mignot, E., De Wals, P.  
2014; 9 (9)
- **MICA, a gene contributing strong susceptibility to ankylosing spondylitis** *ANNALS OF THE RHEUMATIC DISEASES*  
Zhou, X., Wang, J., Zou, H., Ward, M. M., Weisman, M. H., Espitia, M. G., Xiao, X., Petersdorf, E., Mignot, E., Martin, J., Gensler, L. S., Scheet, P., Reveille, et al  
2014; 73 (8): 1552-1557
- **Retraction of the Research Article: "CD4+ T cell autoimmunity to hypocretin/orexin and cross-reactivity to a 2009 H1N1 influenza A epitope in narcolepsy"**. *Science translational medicine*  
De la Herrán-Arita, A. K., Kornum, B. R., Mahlios, J., Jiang, W., Lin, L., Hou, T., Macaubas, C., Einen, M., Plazzi, G., Crowe, C., Newell, E. W., Davis, M. M., Mellins, et al  
2014; 6 (247): 247rt1-?
- **History of narcolepsy at Stanford University** *IMMUNOLOGIC RESEARCH*  
Mignot, E. J.  
2014; 58 (2-3): 315-339
- **Circulating CD4+T cells in narcolepsy patients react to hypocretin and cross-react with hemagglutinin from an influenza strain linked to increased narcolepsy incidence**  
Mellins, E., Macaubas, C., Jiang, W., De la Herran-Arita, A., Kornum, B., Mahlios, J., Hou, T., Mignot, E.  
AMER ASSOC IMMUNOLOGISTS.2014
- **The structured Diagnostic Interview for Sleep Patterns and Disorders: rationale and initial evaluation** *SLEEP MEDICINE*  
Merikangas, K. R., Zhang, J., Emsellem, H., Swanson, S. A., Vgontzas, A., BELOUAD, F., BLANK, M. M., Chen, W., Einen, M., He, J. P., Heaton, L., Nakamura, E., Rooholamini, et al  
2014; 15 (5): 530-535
- **Analysis of Flow Separation Using a Local Frame Axis: Application to the Open-Channel Bifurcation** *JOURNAL OF HYDRAULIC ENGINEERING*  
Mignot, E., Doppler, D., Riviere, N., Vinkovic, I., Gence, J., Simoens, S.

2014; 140 (3): 280-290

- **Periodic Leg Movements during Sleep Are Associated with Polymorphisms in BTBD9, TOX3/BC034767, MEIS1, MAP2K5/SKOR1, and PTPRD.** *Sleep*  
Moore, H., Winkelmann, J., Lin, L., Finn, L., Peppard, P., Mignot, E.  
2014; 37 (9)
- **Exploring medical diagnostic performance using interactive, multi-parameter sourced receiver operating characteristic scatter plots** *Computers in Biology and Medicine*  
Moore, H., Andlauer, O., Simon, N., Mignot, E.  
2014
- **Dual Cases of Type 1 Narcolepsy with Schizophrenia and Other Psychotic Disorders** *JOURNAL OF CLINICAL SLEEP MEDICINE*  
Canellas, F., Lin, L., Rosa Julia, M., Clemente, A., Vives-Bauza, C., Ollila, H. M., Hong, S. C., Arboleya, S. M., Einen, M. A., Faraco, J., Fernandez-Vina, M., Mignot, E.  
2014; 10 (9): 1011-1018
- **CD4+ T Cell Autoimmunity to Hypocretin/Orexin and Cross-Reactivity to a 2009 H1N1 Influenza A Epitope in Narcolepsy.** *Science translational medicine*  
De la Herrán-Arita, A. K., Kornum, B. R., Mahlios, J., Jiang, W., Lin, L., Hou, T., Macaubas, C., Einen, M., Plazzi, G., Crowe, C., Newell, E. W., Davis, M. M., Mellins, et al  
2013; 5 (216): 216ra176-?
- **Increase of Histaminergic Tuberoammillary Neurons in Narcolepsy** *ANNALS OF NEUROLOGY*  
Valko, P. O., Gavrilov, Y. V., Yamamoto, M., Reddy, H., Haybaeck, J., Mignot, E., Baumann, C. R., Scammell, T. E.  
2013; 74 (6): 794-804
- **The autoimmune basis of narcolepsy.** *Current opinion in neurobiology*  
Mahlios, J., De la Herrán-Arita, A. K., Mignot, E.  
2013; 23 (5): 767-773
- **A Novel de novo Exon 21 DNMT1 Mutation Causes Cerebellar Ataxia, Deafness, and Narcolepsy in a Brazilian Patient** *SLEEP*  
Pedroso, J. L., Povoas Barsottini, O. G., Lin, L., Melberg, A., Oliveira, A. S., Mignot, E.  
2013; 36 (8): 1257-1259
- **CFD modeling of multiphase transient flows through complex structures in sewers: performances and sensitivities of models** *HOUILLE BLANCHE-REVUE INTERNATIONALE DE L EAU*  
Momplot, A., Kouyi, G. L., Bertrand-Krajewski, J., Mignot, E., Riviere, N.  
2013: 16-24
- **Impact of topographic obstacles on the discharge distribution in open-channel bifurcations** *JOURNAL OF HYDROLOGY*  
Mignot, E., Zeng, C., Dominguez, G., Li, C., Riviere, N., Bazin, P.  
2013; 494: 10-19
- **Genetic association, seasonal infections and autoimmune basis of narcolepsy.** *Journal of autoimmunity*  
Singh, A. K., Mahlios, J., Mignot, E.  
2013; 43: 26-31
- **Hypocretin (orexin) neuropeptide precursor gene, HCRT, polymorphisms in early-onset narcolepsy with cataplexy** *SLEEP MEDICINE*  
Dong, X. S., Ma, S. F., Cao, C. W., Li, J., An, P., Zhao, L., Liu, N. Y., Yan, H., Hu, Q. T., Mignot, E., Strohl, K. P., Gao, Z. C., Zeng, et al  
2013; 14 (6): 482-487
- **Genome-wide association study of HLA-DQB1\*06:02 negative essential hypersomnia** *PEERJ*  
Khor, S., Miyagawa, T., Toyoda, H., Yamasaki, M., Kawamura, Y., Tanii, H., Okazaki, Y., Sasaki, T., Lin, L., Faraco, J., Rico, T., Honda, Y., Honda, et al  
2013; 1
- **Physiology. The perfect hypnotic?** *Science*  
Mignot, E.  
2013; 340 (6128): 36-38
- **High Prevalence of Precocious Puberty and Obesity in Childhood Narcolepsy with Cataplexy** *SLEEP*  
Poli, F., Pizza, F., Mignot, E., Ferri, R., Pagotto, U., Taheri, S., Finotti, E., Bernardi, F., Pirazzoli, P., Cicognani, A., Balsamo, A., Nobili, L., Bruni, et al  
2013; 36 (2): 175-181



- **Obituary for Charlotte McCutchen, MD** *SLEEP*  
Malow, B., Rye, D., Mignot, E., Sato, S.  
2013; 36 (2): 291
- **ImmunoChip Study Implicates Antigen Presentation to T Cells in Narcolepsy** *PLOS GENETICS*  
Faraco, J., Lin, L., Kornum, B. R., Kenny, E. E., Trynka, G., Einen, M., Rico, T. J., Lichtner, P., Dauvilliers, Y., Arnulf, I., Lecendreux, M., Javidi, S., Geisler, et al  
2013; 9 (2)
- **Daytime continuous polysomnography predicts MSLT results in hypersomnias of central origin** *JOURNAL OF SLEEP RESEARCH*  
Pizza, F., Moghadam, K. K., Vandi, S., Detto, S., Poli, F., Mignot, E., Ferri, R., Plazzi, G.  
2013; 22 (1): 32-40
- **Genome-wide association study of HLA-DQB1\*06:02 negative essential hypersomnia.** *PeerJ*  
Khor, S., Miyagawa, T., Toyoda, H., Yamasaki, M., Kawamura, Y., Tanii, H., Okazaki, Y., Sasaki, T., Lin, L., Faraco, J., Rico, T., Honda, Y., Honda, et al  
2013; 1
- **Narcolepsy with cataplexy mimicry: the strange case of two sisters.** *Journal of clinical sleep medicine*  
Pizza, F., Vandi, S., Poli, F., Moghadam, K. K., Franceschini, C., Bellucci, C., Cipolli, C., Ingravallo, F., Natalini, G., Mignot, E., Plazzi, G.  
2013; 9 (6): 611-612
- **Association of Sleep Disordered Breathing and Cognitive Deficit in APOE e4 Carriers.** *Sleep*  
Nikodemova, M., Finn, L., Mignot, E., Salzieder, N., Peppard, P. E.  
2013; 36 (6): 873-880
- **Cerebrospinal fluid cytokine levels in narcolepsy with cataplexy patients close to onset**  
Kornum, B. R., Goldenberger, O., Jennum, P., Mignot, E.  
ELSEVIER SCIENCE BV.2012: 143-44
- **Diagnosis, disease course, and management of patients with Kleine-Levin syndrome** *LANCET NEUROLOGY*  
Arnulf, I., Rico, T. J., Mignot, E.  
2012; 11 (10): 918-928
- **A Practical Guide to the Therapy of Narcolepsy and Hypersomnia Syndromes** *NEUROTHERAPEUTICS*  
Mignot, E. J.  
2012; 9 (4): 739-752
- **Treatment of Sleep Disorders** *NEUROTHERAPEUTICS*  
Pelayo, R., Mignot, E.  
2012; 9 (4): 685-686
- **Clinical phenotype of patients with narcolepsy with cataplexy, cerebellar ataxia, deafness and neuropathy associated to DNMT1 gene mutation** *21st Congress of the European-Sleep-Research-Society*  
Moghadam, K. K., Pizza, F., Poli, F., Franceschini, C., Tonon, C., Carelli, V., Lodi, R., Seri, M., Winkelmann, J., Mignot, E., Plazzi, G.  
WILEY-BLACKWELL.2012: 311-311
- **EARLY IVIg TREATMENT HAS NO EFFECT ON POST-H1N1 NARCOLEPSY PHENOTYPE OR HYPOCRETIN DEFICIENCY** *NEUROLOGY*  
Knudsen, S., Biering-Sorensen, B., Kornum, B. R., Petersen, E. R., Ibsen, J. D., Gammeltoft, S., Mignot, E., Jennum, P. J.  
2012; 79 (1): 102-103
- **Time-course of cerebrospinal fluid histamine in the wake-consolidated squirrel monkey** *JOURNAL OF SLEEP RESEARCH*  
Zeitzer, J. M., Kodama, T., Buckmaster, C. L., Honda, Y., Lyons, D. M., Nishino, S., Mignot, E.  
2012; 21 (2): 189-194
- **DQB1\*06:02 allele-specific expression varies by allelic dosage, not narcolepsy status** *HUMAN IMMUNOLOGY*  
Lachmi, K. W., Lin, L., Kornum, B. R., Rico, T., Lo, B., Aran, A., Mignot, E.  
2012; 73 (4): 405-410
- **TCRA, P2RY11, and CPT1B/CHKB associations in Chinese narcolepsy** *SLEEP MEDICINE*  
Han, F., Lin, L., Li, J., Aran, A., Dong, S. X., An, P., Zhao, L., Li, Q. Y., Yan, H., Wang, J. S., Gao, H. Y., Li, M., Gao, et al  
2012; 13 (3): 269-272

- **CSF Levels of Hypocretin-1 (Orexin-A) Peak during Early Infancy in Humans** *SLEEP*  
Aran, A., Shors, I., Lin, L., Mignot, E., Schimmel, M. S.  
2012; 35 (2): 187-191
- **MUTATIONS IN DNMT1 CAUSE AUTOSOMAL DOMINANT CEREBELLAR ATAXIA, DEAFNESS AND NARCOLEPSY** *26th Annual Meeting of the Association-of-Professional-Sleep-Societies (APSS)*  
Winkelmann, J., Lin, L., Schormair, B., Kornum, B. R., Faraco, J., Plazzi, G., Melberg, A., Cornello, F., Pizza, F., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2012: A11–A11
- **ALLIANCE SLEEP QUESTIONNAIRE (ASQ): A COLLABORATIVE ONLINE SLEEP ASSESSMENT QUESTIONNAIRE** *26th Annual Meeting of the Association-of-Professional-Sleep-Societies (APSS)*  
Leary, E. B., Barger, L., Hall-Porter, J. M., Maislin, G., Peppard, P. E., Rajaratnam, S. M., Rumble, M., Sullivan, S. S., Walsh, J. K., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2012: A432–A432
- **ALLIANCE SLEEP QUESTIONNAIRE (ASQ) FEASIBILITY PILOT STUDY** *26th Annual Meeting of the Association-of-Professional-Sleep-Societies (APSS)*  
Leary, E. B., GRIFFIN, K. S., Malunjar, S., Qadri, S., Ruoff, C. M., Sullivan, S. S., Walsh, J. K., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2012: A432–A433
- **LEG MOVEMENT DETECTION SOFTWARE AND PERIODIC LEG MOVEMENT INDEX CALCULATOR** *26th Annual Meeting of the Association-of-Professional-Sleep-Societies (APSS)*  
MOORE, H. E., Warby, S., Woodward, S. H., Peppard, P. E., Young, T., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2012: A264–A264
- **Complex movement disorders at disease onset in childhood narcolepsy with cataplexy.** *Brain*  
Plazzi, G., Pizza, F., Palaia, V., Franceschini, C., Poli, F., Moghadam, K. K., Cortelli, P., Nobili, L., Bruni, O., Dauvilliers, Y., Lin, L., Edwards, M. J., Mignot, et al  
2011; 134: 3480-3492
- **Narcolepsy with hypocretin/orexin deficiency, infections and autoimmunity of the brain** *CURRENT OPINION IN NEUROBIOLOGY*  
Kornum, B. R., Faraco, J., Mignot, E.  
2011; 21 (6): 897-903
- **Complex movement disorders at disease onset in childhood narcolepsy with cataplexy** *BRAIN*  
Plazzi, G., Pizza, F., Palaia, V., Franceschini, C., Poli, F., Moghadam, K. K., Cortelli, P., Nobili, L., Bruni, O., Dauvilliers, Y., Lin, L., Edwards, M. J., Mignot, et al  
2011; 134: 3477-3489
- **Narcolepsy with Cataplexy Associated with Nocturnal Compulsive Behaviors: A Case-Control Study** *SLEEP*  
Palaia, V., Poli, F., Pizza, F., Antelmi, E., Franceschini, C., Moghadam, K. K., Provini, F., Pagotto, U., Montagna, P., Schenck, C. H., Mignot, E., Plazzi, G.  
2011; 34 (10): 1365-U100
- **Post-Streptococcal Antibodies Are Associated with Metabolic Syndrome in a Population-Based Cohort** *PLOS ONE*  
Aran, A., Lin, L., Finn, L. A., Weiner, K., Peppard, P., Young, T., Mignot, E.  
2011; 6 (9)
- **Genetics of Sleep and Sleep Disorders** *CELL*  
Sehgal, A., Mignot, E.  
2011; 146 (2): 194-207
- **Genome-Wide Association Study Identifies Novel Restless Legs Syndrome Susceptibility Loci on 2p14 and 16q12.1** *PLOS GENETICS*  
Winkelmann, J., Czamara, D., Schormair, B., Knauf, F., Schulte, E. C., Trenkwalder, C., Dauvilliers, Y., Polo, O., Hoegl, B., Berger, K., Fuhs, A., Gross, N., Stiasny-Kolster, et al  
2011; 7 (7)
- **Presentations of Primary Hypersomnia in Chinese Children** *SLEEP*  
Han, F., Lin, L., Li, J., Aran, A., Dong, S. X., Zhao, L., Li, M., Li, Q. Y., Yan, H., Wang, J. S., Gao, H. Y., Li, M., Gao, et al  
2011; 34 (5): 627-632A
- **Genetics of Narcolepsy** *SLEEP MEDICINE CLINICS*  
Faraco, J., Mignot, E.  
2011; 6 (2): 217–28

- **beta 2 ADRENERGIC RECEPTOR POLYMORPHISMS AND NOCTURNAL BLOOD PRESSURE DIPPING STATUS IN THE WISCONSIN SLEEP COHORT STUDY**  
Vardeny, O., Finn, L. A., Faraco, J., Mignot, E., Hla, K., Young, T., Peppard, P. E.  
ELSEVIER SCIENCE INC.2011: E1296
- **beta 2 adrenergic receptor polymorphisms and nocturnal blood pressure dipping status in the Wisconsin Sleep Cohort Study** *JOURNAL OF THE AMERICAN SOCIETY OF HYPERTENSION*  
Vardeny, O., Peppard, P. E., Finn, L. A., Faraco, J. H., Mignot, E., Hla, K. M.  
2011; 5 (2): 114-122
- **Hydraulic Models of the Flow Distribution in a Four Branch Open Channel Junction with Supercritical Flow** *JOURNAL OF HYDRAULIC ENGINEERING*  
Mignot, E., Riviere, N., Paquier, A., Perkins, R. J.  
2011; 137 (3): 289-299
- **POST-STREPTOCOCCAL ANTIBODIES ARE ASSOCIATED WITH METABOLIC SYNDROME IN A POPULATION-BASED SAMPLE OF HEALTHY ADULTS** *25th Anniversary Meeting of the Associated-Professional-Sleep-Societies (APSS)*  
Aran, A., Lin, L., Finn, L., Weiner, K., Peppard, P. E., Young, T., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2011: A222-A222
- **Etiology and Genetics of Human Narcolepsy**  
Mignot, E., Baumann, C. R., Bassetti, C. L., Scammell, T. E.  
SPRINGER.2011: 3-17
- **Narcolepsy** *CONTEMPORARY SLEEP MEDICINE FOR PHYSICIANS*  
Mignot, E., Ioachimescu, O. C.  
2011: 182-92
- **Transcriptional regulation of the hypocretin/orexin gene by NR6A1** *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*  
Tanaka, S., Kodama, T., Nonaka, T., Toyoda, H., Arai, M., Fukazawa, M., Honda, Y., Honda, M., Mignot, E.  
2010; 403 (2): 178-183
- **Clinical and Therapeutic Aspects of Childhood Narcolepsy-Cataplexy: A Retrospective Study of 51 Children** *SLEEP*  
Aran, A., Einen, M., Lin, L., Plazzi, G., Nishino, S., Mignot, E.  
2010; 33 (11): 1457-1464
- **Post-H1N1 Narcolepsy-Cataplexy** *SLEEP*  
Dauvilliers, Y., Montplaisir, J., Cochen, V., Desautels, A., Einen, M., Lin, L., Kawashima, M., Bayard, S., Monaca, C., Tiberge, M., Filipini, D., Tripathy, A., Nguyen, et al  
2010; 33 (11): 1428-1430
- **DQB1\*0602 predicts interindividual differences in physiologic sleep, sleepiness, and fatigue** *NEUROLOGY*  
Goel, N., Banks, S., Mignot, E., Dinges, D. F.  
2010; 75 (17): 1509-1519
- **Circadian and Homeostatic Regulation of Structural Synaptic Plasticity in Hypocretin Neurons** *NEURON*  
Appelbaum, L., Wang, G., Yokogawa, T., Skariah, G. M., Smith, S. J., Mourrain, P., Mignot, E.  
2010; 68 (1): 87-98
- **Sleep Well and Stay Slim: Dream or Reality?** *ANNALS OF INTERNAL MEDICINE*  
Taheri, S., Mignot, E.  
2010; 153 (7): 475-?
- **Effects of sleep on the cardiovascular and thermoregulatory systems: a possible role for hypocretins** *JOURNAL OF APPLIED PHYSIOLOGY*  
Schwimmer, H., Stauss, H. M., Abboud, F., Nishino, S., Mignot, E., Zeitzer, J. M.  
2010; 109 (4): 1053-1063
- **Post-Streptococcal Auto-Antibodies Inhibit Protein Disulfide Isomerase and Are Associated with Insulin Resistance** *PLOS ONE*  
Aran, A., Weiner, K., Lin, L., Finn, L. A., Greco, M. A., Peppard, P., Young, T., Ofran, Y., Mignot, E.  
2010; 5 (9)

- **Anti-Tribbles Homo log 2 (TRIB2) Autoantibodies in Narcolepsy are Associated with Recent Onset of Cataplexy** *SLEEP*  
Kawashima, M., Lin, L., Tanaka, S., Jennum, P., Knudsen, S., Nevsimalova, S., Plazzi, G., Mignot, E.  
2010; 33 (7): 869-874
- **Narcolepsy with Cataplexy Associated with Holoprosencephaly Misdiagnosed as Epileptic Drop Attacks** *MOVEMENT DISORDERS*  
Plazzi, G., Tonon, C., Rubboli, G., Franceschini, C., Pizza, F., Bisulli, A., Rizzo, G., Mignot, E., Montagna, P., Lodi, R.  
2010; 25 (6): 788-790
- **Behavioural and neurophysiological correlates of human cataplexy: A video-polygraphic study** *CLINICAL NEUROPHYSIOLOGY*  
Vetrugno, R., D'Angelo, R., Moghadam, K. K., Vandi, S., Franceschini, C., Mignot, E., Montagna, P., Plazzi, G.  
2010; 121 (2): 153-162
- **Sodium oxybate is an effective and safe treatment for narcolepsy** *SLEEP MEDICINE*  
Lammers, G. J., Bassetti, C., Billiard, M., Black, J., Broughton, R., Dauvilliers, Y., Strambi, L. F., Garcia-Borreguero, D., Goswami, M., Hoegl, B., Iranzo, A., Jennum, P., Khatami, et al  
2010; 11 (1): 105-106
- **Narcolepsy: Genetic Predisposition and Pathophysiology** *NARCOLEPSY: A CLINICAL GUIDE*  
Mignot, E., Goswami, M., PandiPerumal, Thorpy, M. J.  
2010: 3-21
- **Sleep-wake regulation and hypocretin-melatonin interaction in zebrafish** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Appelbaum, L., Wang, G. X., Maro, G. S., Mori, R., Tovin, A., Marin, W., Yokogawa, T., Kawakami, K., Smith, S. J., Gothilf, Y., Mignot, E., Mourrain, P.  
2009; 106 (51): 21942-21947
- **Characterization of Two Melanin-Concentrating Hormone Genes in Zebrafish Reveals Evolutionary and Physiological Links with the Mammalian MCH System** *JOURNAL OF COMPARATIVE NEUROLOGY*  
Berman, J. R., Skariah, G., Maro, G. S., Mignot, E., Mourrain, P.  
2009; 517 (5): 695-710
- **T-box 3 is expressed in the adult mouse hypothalamus and medulla** *BRAIN RESEARCH*  
Eriksson, K. S., Mignot, E.  
2009; 1302: 233-239
- **Body Mass Index-Independent Metabolic Alterations in Narcolepsy with Cataplexy** *SLEEP*  
Poli, F., Plazzi, G., Di Dalmazi, G., Ribichini, D., Vicennati, V., Pizza, F., Mignot, E., Montagna, P., Pasquali, R., Pagotto, U.  
2009; 32 (11): 1491-1497
- **In memoriam of Dr. Yutaka Honda (1929-2009), A Pioneer in Sleep Medicine and Narcolepsy Research** *OBITUARY SLEEP*  
Mignot, E.  
2009; 32 (11): 1528-29
- **Modafinil and gamma-hydroxybutyrate have sleep state-specific pharmacological actions on hypocretin-1 physiology in a primate model of human sleep** *BEHAVIOURAL PHARMACOLOGY*  
Zeitzer, J. M., Buckmaster, C. L., Landoldt, H., Lyons, D. M., Mignot, E.  
2009; 20 (7): 643-652
- **Distribution of neurochemical abnormalities in patients with narcolepsy with cataplexy: An in vivo brain proton MR spectroscopy study** *BRAIN RESEARCH BULLETIN*  
Tonon, C., Franceschini, C., Testa, C., Manners, D. N., Poli, F., Mostacci, B., Mignot, E., Montagna, P., Barbiroli, B., Lodi, R., Plazzi, G.  
2009; 80 (3): 147-150
- **Resting Our Cortices by Going DOWN to Sleep** *NEURON*  
Mignot, E., Huguenard, J. R.  
2009; 63 (6): 719-721
- **Absence of ubiquitinated inclusions in hypocretin neurons of patients with narcolepsy** *NEUROLOGY*  
Honda, M., Arai, T., Fukazawa, M., Honda, Y., Tsuchiya, K., Salehi, A., Akiyama, H., Mignot, E.  
2009; 73 (7): 511-517

- **Elevated Anti-Streptococcal Antibodies in Patients with Recent Narcolepsy Onset** *SLEEP*  
Aran, A., Lin, L., Nevsimalova, S., Plazzi, G., Hong, S. C., Weiner, K., Zeitzer, J., Mignot, E.  
2009; 32 (8): 979-983
- **The effects of sleep on the cardiovascular and the thermoregulatory systems - possible role for hypocretin**  
Schwimmer, H., Zeitzer, J. M., Yanagisawa, M., Nishino, S., Stauss, H. M., Abboud, F. M., Mignot, E.  
FEDERATION AMER SOC EXP BIOL.2009
- **Decreased CSF Histamine in Narcolepsy With and Without Low CSF Hypocretin-1 in Comparison to Healthy Controls** *SLEEP*  
Nishino, S., Sakurai, E., Nevsimalova, S., Yoshida, Y., Watanabe, T., Yanai, K., Mignot, E.  
2009; 32 (2): 175-180
- **HLA DQB1\*0602 IS ASSOCIATED WITH SLEEP PERCEPTION IN OLDER INDIVIDUALS WITH INSOMNIA** *23rd Annual Meeting of the Associated-Professional-Sleep-Societies (APSS)*  
Zeitzer, J., Grove, M. E., Mignot, E., Yesavage, J. A., Friedman, L.  
AMER ACAD SLEEP MEDICINE.2009: A262-A262
- **A Consensus Definition of Cataplexy in Mouse Models of Narcolepsy** *SLEEP*  
Scammell, T. E., Willie, J. T., Guilleminault, C., Siegel, J. M., Int Working Grp Rodent Models Nar  
2009; 32 (1): 111-116
- **Sedative-Hypnotics** *AMERICAN PSYCHIATRIC PUBLISHING TEXTBOOK OF PSYCHOPHARMACOLOGY, 4TH EDITION*  
Nishino, S., Mishima, K., Mignot, E., Dement, W. C., Schatzberg, A. F., Nemeroff, C. B.  
2009: 821-41
- **Sympathetic and cardiovascular activity during cataplexy in narcolepsy.** *Journal of sleep research*  
Donadio, V., Plazzi, G., Vandi, S., Franceschini, C., Karlsson, T., Montagna, P., Vetrugno, R., Bugiardini, E., Mignot, E., Liguori, R.  
2008; 17 (4): 458-463
- **'The devil lay upon her and held her down' Hypnagogic hallucinations and sleep paralysis described by the Dutch physician Isbrand van Diemerbroeck (1609-1674) in 1664** *JOURNAL OF SLEEP RESEARCH*  
Donadio, V., Plazzi, G., Vandi, S., Franceschini, C., Karlsson, T., Montagna, P., Vetrugno, R., Bugiardini, E., Mignot, E., Liguori, R.  
2008; 17 (4): 458-463
- **Variant between CPT1B and CHKB associated with susceptibility to narcolepsy** *NATURE GENETICS*  
Miyagawa, T., Kawashima, M., Nishida, N., Ohashi, J., Kimura, R., Fujimoto, A., Shimada, M., Morishita, S., Shigeta, T., Lin, L., Hong, S., Faraco, J., Shin, et al  
2008; 40 (11): 1324-1328
- **Intravenous high-dose immunoglobulin treatment in recent onset childhood narcolepsy with cataplexy** *JOURNAL OF NEUROLOGY*  
Plazzi, G., Poli, F., Franceschini, C., Parmeggiani, A., Pirazzoli, P., Bernardi, F., Mignot, E., Cicognani, A., Montagna, P.  
2008; 255 (10): 1549-1554
- **Hypocretin receptor expression in canine and murine narcolepsy models and in hypocretin-ligand deficient human narcolepsy** *SLEEP*  
Mishima, K., Fujiki, N., Yoshida, Y., Sakurai, T., Honda, M., Mignot, E., Nishino, S.  
2008; 31 (8): 1119-1126
- **CSF hypocretin-1 assessment in sleep and neurological disorders** *LANCET NEUROLOGY*  
Bourgin, P., Zeitzer, J. M., Mignot, E.  
2008; 7 (7): 649-662
- **Flow patterns in a four-branch junction with supercritical flow** *JOURNAL OF HYDRAULIC ENGINEERING*  
Mignot, E., Riviere, N., Perkins, R., Paquier, A.  
2008; 134 (6): 701-713
- **Anomalous Hypothalamic Responses to Humor in Cataplexy** *PLOS ONE*  
Reiss, A. L., Hoeft, F., Tenforde, A. S., Chen, W., Mobbs, D., Mignot, E. J.  
2008; 3 (5)
- **Sleep and EEG features in genetic models of Down syndrome** *NEUROBIOLOGY OF DISEASE*  
Colas, D., Valletta, J. S., Takimoto-Kimura, R., Nishino, S., Fujiki, N., Mobley, W. C., Mignot, E.

2008; 30 (1): 1-7

- **Excessive daytime sleepiness: Population and etiology versus nosology** *SLEEP MEDICINE REVIEWS*  
Mignot, E.  
2008; 12 (2): 87-94
- **The type III neurofilament peripherin is expressed in the tuberomammillary neurons of the mouse** *BMC NEUROSCIENCE*  
Eriksson, K. S., Zhang, S., Lin, L., Lariviere, R. C., Julien, J., Mignot, E.  
2008; 9
- **The hypocretin neurotransmission system in myotonic dystrophy type 1** *NEUROLOGY*  
Ciafaloni, E., Mignot, E., Sansone, V., Hilbert, J. E., Lin, L., Lin, X., Liu, L. C., Pigeon, W. R., Perlis, M. L., Thornton, C. A.  
2008; 70 (3): 226-230
- **Hypocretin neuron morphology and neurotransmitter identity in zebrafish** *22nd Annual Meeting of the Associated-Professional-Sleep-Societies*  
Appelbaum, L., Wang, G., Marin, W., Mignot, E., Mourrain, P.  
AMER ACAD SLEEP MEDICINE.2008: A5-A5
- **Experimental and numerical modeling of symmetrical four-branch supercritical cross junction flow** *JOURNAL OF HYDRAULIC RESEARCH*  
Mignot, E., Paquier, A., Riviere, N.  
2008; 46 (6): 723-738
- **Insulin-like growth factor binding protein-3 reduces hypocretin/orexin transmission** *22nd Annual Meeting of the Associated-Professional-Sleep-Societies*  
Zhang, S., Lin, L., Zhang, J., Tanaka, S., Honda, M., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2008: A16-A17
- **REM behavior disorder (RBD) can be one of the first symptoms of childhood narcolepsy** *SLEEP MEDICINE*  
Nevsimalova, S., Prihodova, I., Kemlink, D., Lin, L., Mignot, E.  
2007; 8 (7-8): 784-786
- **Comparative expression of p2x receptors and ecto-nucleoside triphosphate diphosphohydrolase 3 in hypocretin and sensory neurons in zebrafish** *BRAIN RESEARCH*  
Appelbaum, L., Skariah, G., Mourrain, P., Mignot, E.  
2007; 1174: 66-75
- **Increasing length of wakefulness and modulation of hypocretin-1 in the wake-consolidated squirrel monkey** *AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY INTEGRATIVE AND COMPARATIVE PHYSIOLOGY*  
Zeitler, J. M., Buckmaster, C. L., Lyons, D. M., Mignot, E.  
2007; 293 (4): R1736-R1742
- **Characterization of sleep in zebrafish and insomnia in hypocretin receptor mutants** *PLOS BIOLOGY*  
Yokogawa, T., Marin, W., Faraco, J., Pezeron, G., Appelbaum, L., Zhang, J., Rosa, F., Mourrain, P., Mignot, E.  
2007; 5 (10): 2379-2397
- **Depression: relationships to sleep paralysis and other sleep disturbances in a community sample** *JOURNAL OF SLEEP RESEARCH*  
Szklo-Coxe, M., Young, T., Finn, L., Mignot, E.  
2007; 16 (3): 297-312
- **The development of hypocretin (orexin) deficiency in hypocretin/ataxin-3 transgenic rats** *NEUROSCIENCE*  
Zhang, S., Lin, L., Kaur, S., Thankachan, S., Blanco-Centurion, C., Yanagisawa, M., Mignot, E., Shiromani, P. J.  
2007; 148 (1): 34-43
- **Correlates of serum C-reactive protein (CRP) - No association with sleep duration or sleep disordered breathing** *SLEEP*  
Taheri, S., Austin, D., Lin, L., Nieto, F. J., Young, T., Mignot, E.  
2007; 30 (8): 991-996
- **A step forward for restless legs syndrome** *NATURE GENETICS*  
Mignot, E.  
2007; 39 (8): 938-939
- **Sleep/wake fragmentation disrupts metabolism in a mouse model of narcolepsy** *JOURNAL OF PHYSIOLOGY-LONDON*

- Zhang, S., Zeitzer, J. M., Sakurai, T., Nishino, S., Mignot, E.  
2007; 581 (2): 649-663
- **Reduced expression of TAC1, PENK and SOCS2 in Hcrtr-2 mutated narcoleptic dog brain** *BMC NEUROSCIENCE*  
Lindberg, J., Saetre, P., Nishino, S., Mignot, E., Jazin, E.  
2007; 8
  - **Normal cerebrospinal fluid levels of hypocretin-1 (orexin A) in patients with fibromyalgia syndrome** *SLEEP MEDICINE*  
Taiwo, O. B., Russell, I. J., Mignot, E., Lin, L., Michalek, J. E., Haynes, W., Xiao, Y., Zeiter, J. M., Larson, A. A.  
2007; 8 (3): 260-265
  - **Genomic and functional conservation of sedative-hypnotic targets in the zebrafish** *PHARMACOGENETICS AND GENOMICS*  
Renier, C., Faraco, J. H., Bourgin, P., Motley, T., Bonaventure, P., Rosa, F., Mignot, E.  
2007; 17 (4): 237-253
  - **Analysis of extended HLA haplotypes in multiple sclerosis and narcolepsy families confirms a predisposing effect for the class I region in Tasmanian MS patients** *IMMUNOGENETICS*  
Rubio, J. P., Bahlo, M., Stankovich, J., Burfoot, R. K., Johnson, L. J., Huxtable, S., Butzkueven, H., Lin, L., Taylor, B. V., Speed, T. P., Kilpatrick, T. J., Mignot, E., Foote, et al  
2007; 59 (3): 177-186
  - **Narcolepsy with cataplexy** *LANCET*  
Dauvilliers, Y., Arnulf, I., Mignot, E.  
2007; 369 (9560): 499-511
  - **A circadian sleep disorder reveals a complex clock** *CELL*  
Mignot, E., Takahashi, J. S.  
2007; 128 (1): 22-23
  - **DQB1\*0301 and DQB1\*0601 modulate narcolepsy susceptibility in Koreans** *HUMAN IMMUNOLOGY*  
Hong, S., Lin, L., Lo, B., Jeong, J., Shin, Y., Kim, S., Kweon, Y., Zhang, J., Einen, M., Smith, A., Hansen, J., Grumet, F. C., Mignot, et al  
2007; 68 (1): 59-68
  - **Neurobiology of Narcolepsy and Hypersomnia** *NEUROBIOLOGY OF DISEASE*  
Mignot, E., Zeitzer, J. M., Gilman, S.  
2007: 715–22
  - **A study of the diagnostic utility of HLA typing, CSF hypocretin-1 measurements, and MSLT testing for the diagnosis of narcolepsy in 163 Korean patients with unexplained excessive daytime sleepiness** *21st Annual Meeting of the American-Professional-Sleep-Societies*  
Hong, S., Lin, L., Jeong, J., Shin, Y., Han, J., Lee, J., Lee, S., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2007: A214–A214
  - **Hypocretin-1 is inversely associated with wake fragmentation in Alzheimer's disease** *21st Annual Meeting of the American-Professional-Sleep-Societies*  
Zeitzer, J., Friedman, L., Lin, L., Mignot, E., Peskind, E., Yesavage, J.  
AMER ACAD SLEEP MEDICINE.2007: A302–A302
  - **Identification of novel transcripts expressed in hypocretin-containing neurons** *21st Annual Meeting of the American-Professional-Sleep-Societies*  
Bourgin, P., Lin, L., Priest, M., Renier, C., Sakurai, T., De Lecea, L., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2007: A223–A223
  - **A novel candidate gene for narcolepsy colocalized in human and mouse hypocretin/orexin neurons** *21st Annual Meeting of the American-Professional-Sleep-Societies*  
Honda, M., Eriksson, K., Lin, L., Salehi, A., Tanaka, S., Gans, S., Honda, Y., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2007: A218–A218
  - **English Translations Of The First Clinical Reports On Narcolepsy And Cataplexy By Westphal And Gelineau In The Late 19th Century, With Commentary** *JOURNAL OF CLINICAL SLEEP MEDICINE*  
Schenck, C. H., Bassetti, C. L., Arnulf, I., Mignot, E.  
2007; 3 (3): 301-311
  - **Different periodicity and time structure of leg movements during sleep in narcolepsy/cataplexy and restless legs syndrome** *SLEEP*

- Ferri, R., Zucconi, M., Manconi, M., Bruni, O., Ferini-Strambi, L., Vandi, S., Montagna, P., Mignot, E., Plazzi, G.  
2006; 29 (12): 1587-1594
- **Narcolepsy: From animal models to the human disorder**  
Mignot, E.  
NATURE PUBLISHING GROUP.2006: S10
  - **A study of the diagnostic utility of HLA typing, CSF hypocretin-1 measurements, and MSLT testing for the diagnosis of narcolepsy in 163 Korean patients with unexplained excessive daytime sleepiness** *SLEEP*  
Hong, S., Lin, L., Jeong, J., Shin, Y., Han, J., Lee, J., Lee, S., Zhang, J., Einen, M., Mignot, E.  
2006; 29 (11): 1429-1438
  - **Regulation of hypocretin (orexin) expression in embryonic zebrafish** *JOURNAL OF BIOLOGICAL CHEMISTRY*  
Faraco, J. H., Appelbaum, L., Marin, W., Gaus, S. E., Mourrain, P., Mignot, E.  
2006; 281 (40): 29753-29761
  - **CSF versus serum leptin in narcolepsy: Is there an effect of hypocretin deficiency?** *SLEEP*  
Arnulf, I., Lin, L., Zhang, J., Russell, I. J., Ripley, B., Einen, M., Nevsimalova, S., Bassetti, C., Bourgin, P., Nishino, S., Mignot, E.  
2006; 29 (8): 1017-1024
  - **The neurobiology of hypocretins (orexins), narcolepsy and related therapeutic interventions** *TRENDS IN PHARMACOLOGICAL SCIENCES*  
Zeitzer, J. M., Nishino, S., Mignot, E.  
2006; 27 (7): 368-374
  - **Correlates of sleep-onset REM periods during the Multiple Sleep Latency Test in community adults** *BRAIN*  
Mignot, E., Lin, L., Finn, L., Lopes, C., Pluff, K., Sundstrom, M. L., Young, T.  
2006; 129: 1609-1623
  - **Narcolepsy-cataplexy associated with precocious puberty** *NEUROLOGY*  
Plazzi, G., Parmeggiani, A., Mignot, E., Lin, L., Scano, M. C., Posar, A., Bernardi, F., Lodi, R., Tonon, C., Barbiroli, B., Montagna, P., Cicognani, A.  
2006; 66 (10): 1577-1579
  - **The neurobiology of narcolepsy and hypocretins**  
Mignot, E.  
ELSEVIER SCIENCE INC.2006: 108S
  - **Gene expression profiling in postmortem posterior hypothalamic tissue reveals narcolepsy specific genes** *20th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Honda, M., Eriksson, K., Salehi, A., Hesla, P., Maehlen, J., Gaus, S., Einen, M., Tanaka, S., Honda, Y., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2006: A219-A219
  - **HLA-DQB1\*0602 and hypocretin in Korean narcoleptics with cataplexy** *20th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Hong, S., Jeong, J., Han, J., Lee, S., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2006: A221-A221
  - **CSF hypocretin levels are normal in Huntington's disease patients** *SLEEP*  
Gaus, S. E., Lin, L., Mignot, E.  
2005; 28 (12): 1607-1608
  - **Kleine-Levin syndrome: a systematic review of 186 cases in the literature** *BRAIN*  
Arnulf, I., Zeitzer, J. M., File, J., Farber, N., Mignot, E.  
2005; 128: 2763-2776
  - **Concomitant loss of dynorphin, NARP, and orexin in narcolepsy** *NEUROLOGY*  
Crocker, A., Espana, R. A., Papadopoulou, M., SAPER, C. B., Faraco, J., Sakurai, T., Honda, M., Mignot, E., Scammell, T. E.  
2005; 65 (8): 1184-1188
  - **A link between short sleep and obesity: Building the evidence for causation** *SLEEP*  
Cizza, G., Skarulis, M., Mignot, E.  
2005; 28 (10): 1217-1220



- **Late-onset narcolepsy presenting as rapidly progressing muscle weakness: Response to plasmapheresis** *ANNALS OF NEUROLOGY*  
Chen, W., Black, J., Call, P., Mignot, E.  
2005; 58 (3): 489-490
- **Hypocretin-1 (orexin A) deficiency in acute traumatic brain injury** *NEUROLOGY*  
Baumann, C. R., Stocker, R., Imhof, H. G., Trentz, O., Hersberger, M., Mignot, E., Bassetti, C. L.  
2005; 65 (1): 147-149
- **Polymorphisms within the canine MLPH gene are associated with dilute coat color in dogs** *BMC GENETICS*  
Philipp, U., Hamann, H., Mecklenburg, L., Nishino, S., Mignot, E., Gunzel-Apel, A. R., Schmutz, S. M., Leeb, T.  
2005; 6
- **Emerging therapies in narcolepsy-cataplexy** *SLEEP*  
Mignot, E., Nishino, S.  
2005; 28 (6): 754-763
- **History of the Development of Sleep Medicine in the United States** *JOURNAL OF CLINICAL SLEEP MEDICINE*  
Shepard, J. W., Buysse, D. J., Chesson, A. L., Dement, W. C., Goldberg, R., Guilleminault, C., Harris, C. D., Iber, C., Mignot, E., Mitler, M. M., Moore, K. E., Phillips, B. A., Quan, et al  
2005; 1 (1): 61-82
- **Cataplexy and frequency of HLA-DQB1\*0602 in Korean narcoleptics** *19th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Hong, S., Jeong, J., Han, J., Lee, S., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2005: A218–A218
- **HLA expression in narcoleptic hypothalamus** *19th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Honda, M., Salehi, A., Hesla, P., Maehlen, J., Gaus, S., Einen, M., Tanaka, S., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2005: A220–A220
- **Hypocretin deficiency in Prader-Willi syndrome** *EUROPEAN JOURNAL OF NEUROLOGY*  
Nevsimalova, S., Vankova, J., Stepanova, I., Seemanova, E., Mignot, E., Nishino, S.  
2005; 12 (1): 70-72
- **Angiotensin-converting enzyme, sleep-disordered breathing, and hypertension** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*  
Lin, L., Finn, L., Zhang, J., Young, T., Mignot, E.  
2004; 170 (12): 1349-1353
- **Sodium oxybate for excessive daytime sleepiness in narcolepsy-cataplexy** *SLEEP*  
Arnulf, I., Mignot, E.  
2004; 27 (7): 1242-1243
- **APOE epsilon 4 is associated with obstructive sleep apnea/hypopnea - The Sleep Heart Health Study** *NEUROLOGY*  
Gottlieb, D. J., DeStefano, A. L., Foley, D. J., Mignot, E., Redline, S., Givelber, R. J., Young, T.  
2004; 63 (4): 664-668
- **The diurnal rhythm of hypocretin in young and old F344 rats** *SLEEP*  
Desarnaud, F., Murillo-Rodriguez, E., Lin, L., Xu, M., Gerashchenko, D., Shiromani, S. N., Nishino, S., Mignot, E., Shiromani, P. J.  
2004; 27 (5): 851-856
- **The effect of hypocretin replacement therapy in a 3-year-old Weimaraner with narcolepsy** *JOURNAL OF VETERINARY INTERNAL MEDICINE*  
Schatzberg, S. J., Cutter-Schatzberg, K., Nydam, D., Barrett, J., Penn, R., Flanders, J., deLahunta, A., Lin, L., Mignot, E.  
2004; 18 (4): 586-588
- **Lesions of the suprachiasmatic nucleus eliminate the daily rhythm of hypocretin-1 release** *SLEEP*  
Zhang, S. W., Zeitzer, J. M., Yoshida, Y., Wisor, J. P., Nishino, S., Edgar, D. M., Mignot, E.  
2004; 27 (4): 619-627
- **Locomotor-dependent and -independent components to hypocretin-1 (orexinA) regulation in sleep-wake consolidating monkeys** *JOURNAL OF PHYSIOLOGY-LONDON*

- Zeitzer, J. M., Buckmaster, C. L., Lyons, D. M., Mignot, E.  
2004; 557 (3): 1045-1053
- **Sleep, sleep disorders and hypocretin (orexin)** *1st International Sleep Disorders Forum*  
Mignot, E.  
ELSEVIER SCIENCE BV.2004: S2-S8
  - **The roles of midbrain and diencephalic dopamine cell groups in the regulation of cataplexy in narcoleptic Dobermans** *NEUROBIOLOGY OF DISEASE*  
Okura, M., Fujiki, N., Kita, L., Honda, K., Yoshida, Y., Mignot, E., Nishino, S.  
2004; 16 (1): 274-282
  - **Undetectable CSF hypocretin-1 in "Hashimoto's encephalopathy" associated with coma** *NEUROLOGY*  
Castillo, P. R., Mignot, E., Woodruff, B. K., Boeve, B. F.  
2004; 62 (10): 1909-1909
  - **Hypocretin-1 CSF levels in anti-Ma2 associated encephalitis** *NEUROLOGY*  
Overeem, S., Dalmau, J., Bataller, L., Nishino, S., Mignot, E., Verschuuren, J., Lammers, G. J.  
2004; 62 (1): 138-140
  - **Increased hypocretin-1 levels in cerebrospinal fluid after REM sleep deprivation** *BRAIN RESEARCH*  
Pedrazzoli, M., D'Almeida, V., Martins, P. J., Machado, R. B., Ling, L., Nishino, S., Tufik, S., Mignot, E.  
2004; 995 (1): 1-6
  - **Mapping multiple sclerosis susceptibility to the HLA-DR locus in African Americans** *AMERICAN JOURNAL OF HUMAN GENETICS*  
Oksenberg, J. R., Barcellos, L. F., Cree, B. A., Baranzini, S. E., Bugawan, T. L., Khan, O., Lincoln, R. R., Swerdlin, A., Mignot, E., Lin, L., Goodin, D., Erlich, H. A., Schmidt, et al  
2004; 74 (1): 160-167
  - **Clinical features and frequency of HLA-DQB1\*0602 in Korean narcolepsy patients** *18th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Hong, S., Jeong, J., Han, J., Lee, S., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2004: 242-242
  - **Genes transcripts relating to the immune response are up-regulated in narcoleptic postmortem hypothalamus using microarray** *18th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Honda, M., Salehi, A., Hesla, P., Maehlen, J., Gaus, S., Einen, M., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2004: 250-251
  - **Diurnal variations of CSF hypocretin (HCRT) and changes in gene expression as detected by microarrays in young and old rats** *18th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Desarnaud, F., Murillo-Rodriguez, E., Xu, M., Gerashenko, D., Lu, J., Shiromani, S. N., Lin, L., Nishino, S., Mignot, E., Shiromani, P.  
AMER ACAD SLEEP MEDICINE.2004: 382-382
  - **Normal CSF hypocretin-1 (orexin A) levels in dementia with Lewy bodies associated with excessive daytime sleepiness** *EUROPEAN NEUROLOGY*  
Baumann, C. R., Dauvilliers, Y., Mignot, E., Bassetti, C. L.  
2004; 52 (2): 73-76
  - **Effects of IV and ICV hypocretin-1 (Orexin A) in hypocretin receptor-2 gene mutated narcoleptic dogs and IV hypocretin-1 replacement therapy in a hypocretin-ligand-deficient narcoleptic dog** *SLEEP*  
Fujiki, N., Yoshida, Y., Ripley, B., Mignot, E., Nishino, S.  
2003; 26 (8): 953-959
  - **Normal hypocretin-1 levels in the cerebrospinal fluid of patients with fatal familial insomnia** *SLEEP*  
Martinez-Rodriguez, J. E., Sanchez-Valle, R., Saiz, A., Lin, L., Iranzo, A., Mignot, E., Santamaria, J.  
2003; 26 (8): 1068-1068
  - **Relationship between CSF hypocretin levels and hypocretin neuronal loss** *EXPERIMENTAL NEUROLOGY*  
Gerashchenko, D., Munillo-Rodriguez, E., Lin, L., Xu, M., Hallett, L., Nishino, S., Mignot, E., Shiromani, P. J.  
2003; 184 (2): 1010-1016
  - **CSF hypocretin-1 levels in restless legs syndrome** *NEUROLOGY*  
Stiasny-Kolster, K., Mignot, E., Ling, L., Moller, J. C., Cassel, W., Oertel, W. H.

2003; 61 (10): 1426-1429

- **Report of a case of immunosuppression with prednisone in an 8-year-old boy with an acute onset of hypocretin-deficiency narcolepsy** *SLEEP*  
Hecht, M., Lin, L., Kushida, C. A., Umetsu, D. T., Taheri, S., Einen, M., Mignot, E.  
2003; 26 (7): 809-810
- **Narcolepsy: involvement of imprinted, differentially-methylated promotor haplotypes of vesicular monoamine transporter 2 (VMAT2).** *53rd Annual Meeting of the American-Society-of-Human-Genetics*  
Drgon, T., Takahashi, M., Walther, D., Lin, Z., Lin, L., Tafti, M., Billiard, M., Thorpy, M., Temple, H., Montplaisir, J., Mignot, E., Uhl, G. R.  
CELL PRESS.2003: 332-32
- **CSF hypocretin levels in Guillain-Barre syndrome and other inflammatory neuropathies** *NEUROLOGY*  
Nishino, S., Kanbayashi, T., Fujiki, N., Uchino, M., Ripley, B., Watanabe, M., Lammers, G. J., Ishiguro, H., Shoji, S., Nishida, Y., Overeem, S., Toyoshima, I., Yoshida, et al  
2003; 61 (6): 823-825
- **On the value of measuring CSF hypocretin-1 in diagnosing narcolepsy** *SLEEP*  
Mignot, E., Chen, W., Black, J.  
2003; 26 (6): 646-649
- **Diurnal variation of cerebrospinal fluid hypocretin-1 (orexin-A) levels in control and depressed subjects** *16th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Salomon, R. M., Ripley, B., Kennedy, J. S., Johnson, B., Schmidt, D., Zeitzer, J. M., Nishino, S., Mignot, E.  
ELSEVIER SCIENCE INC.2003: 96-104
- **Sleep disturbances and hypocretin deficiency in Niemann-Pick disease type C** *SLEEP*  
Vankova, J., Stepanova, I., Jech, R., Elleder, M., Ling, L., Mignot, E., Nishino, S., Nevsimalova, S.  
2003; 26 (4): 427-430
- **Investigation of the autoimmune basis of narcolepsy using western blot analysis of lateral hypothalamus protein extract with serum and cerebrospinal fluid (CSF)** *17th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Taheri, S., Krempetz, M., Jackson, M., Paterno, J., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2003: A285-A285
- **CSF hypocretin levels in Korean narcoleptic patients** *17th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Hong, S., Jeong, J. H., Han, J. H., Lee, S. P., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2003: A284-A284
- **Circadian and homeostatic regulation of hypocretin in a primate model: Implications for the consolidation of wakefulness** *JOURNAL OF NEUROSCIENCE*  
Zeitzer, J. M., Buckmaster, C. L., Parker, K. J., Hauck, C. M., Lyons, D. M., Mignot, E.  
2003; 23 (8): 3555-3560
- **Voxel-based morphometry in hypocretin-deficient narcolepsy** *SLEEP*  
Overeem, S., Steens, S. C., Good, C. D., Ferrari, M. D., Mignot, E., Frackowiak, R. S., van Buchem, M. A., Lammers, G. J.  
2003; 26 (1): 44-46
- **Sleeping with the hypothalamus: emerging therapeutic targets for sleep disorders** *NATURE NEUROSCIENCE*  
Mignot, E., Taheri, S., Nishino, S.  
2002; 5: 1071-1075
- **Future of genetics of mood disorders research.** *Biological psychiatry*  
Merikangas, K. R., Chakravarti, A., Moldin, S. O., Araj, H., Blangero, J. C., Burmeister, M., Crabbe, J., Depaulo, J. R., Foulks, E., Freimer, N. B., Koretz, D. S., Lichtenstein, W., Mignot, et al  
2002; 52 (6): 457-477
- **Workgroup reports: NIMH strategic plan for mood disorders research - Future of genetics of mood disorders research** *BIOLOGICAL PSYCHIATRY*  
Merikangas, K. R., Chakravarti, A., Moldin, S. O., Araj, H., Blangero, J., Burmeister, M., Crabbe, J. C., DePaulo, J. R., Foulks, E., Freimer, N. B., Koretz, D. S., Lichtenstein, W., Mignot, et al  
2002; 52 (6): 457-477
- **Increased CSF hypocretin-1 (orexin-A) in restless legs syndrome** *NEUROLOGY*

- Allen, R. P., Mignot, E., Ripley, B., Nishino, S., Earley, C. J.  
2002; 59 (4): 639-641
- **HLA and hypocretin studies in Korean patients with narcolepsy** *SLEEP*  
Hong, S. C., Leen-Kim, Park, S. A., Han, J. H., Lee, S. P., Lin, L., Okun, M., Nishino, S., Mignot, E.  
2002; 25 (4): 440-444
  - **Hypocretin stimulates [(35)]GTP gamma S binding in Hcrtr 2-transfected cell lines and in brain homogenate** *BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS*  
Shiba, T., Ozu, M., Yoshida, Y., Mignot, E., Nishino, S.  
2002; 294 (3): 615-620
  - **CSF hypocretin-1 levels in schizophrenics and controls: relationship to sleep architecture** *PSYCHIATRY RESEARCH*  
Nishino, S., Ripley, B., Mignot, E., Benson, K. L., Zarcone, V. P.  
2002; 110 (1): 1-7
  - **Diurnal variation of CSF hypocretin-1 (orexin A) levels in control and depressed subjects**  
Salomon, R. M., Ripley, B., Kennedy, J. S., Schmidt, D., Zeitzer, J., Nishino, S., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2002: A12-A13
  - **Stimulant medication usage in a large cohort of narcoleptic subjects**  
Okun, M. L., Lopez, A., Colrain, I., Ginney, C., Brooks, S., Mignot, E., Black, J.  
AMER ACAD SLEEP MEDICINE.2002: A474-A474
  - **Clinical aspects of narcolepsy-cataplexy across ethnic groups** *SLEEP*  
Okun, M. L., Lin, L., Pelin, Z., Hong, S. C., Mignot, E.  
2002; 25 (1): 27-35
  - **The role of hypocretins (orexins) in sleep regulation and narcolepsy** *ANNUAL REVIEW OF NEUROSCIENCE*  
Taheri, S., Zeitzer, J. M., Mignot, E.  
2002; 25: 283-313
  - **Histamine level was decreased in the brain of narcoleptic dogs**  
Sakurai, E., Nishino, S., Kato, M., Fujiki, N., Ripley, B., Mignot, E., Watanabe, T., Yanai, K.  
JAPANESE PHARMACOLOGICAL SOC.2002: 195P
  - **CSF hypocretin/orexin levels in narcolepsy and other neurological conditions** *NEUROLOGY*  
Ripley, B., Overeem, S., Fujiki, N., Nevsimalova, S., Uchino, M., Yesavage, J., Di Monte, D., DOHI, K., Melberg, A., Lammers, G. J., Nishida, Y., Roelandse, F. W., Hungs, et al  
2001; 57 (12): 2253-2258
  - **Polymorphisms in the vicinity of the hypocretin/orexin are not associated with human narcolepsy** *NEUROLOGY*  
Hungs, M., Lin, L., Okun, M., Mignot, E.  
2001; 57 (10): 1893-1895
  - **Decreased brain histamine content in hypocretin/orexin receptor-2 mutated narcoleptic dogs** *NEUROSCIENCE LETTERS*  
Nishino, S., Fujiki, N., Ripley, B., SAKURAI, E., Kato, M., Watanabe, T., Mignot, E., Yanai, K.  
2001; 313 (3): 125-128
  - **A commentary on the neurobiology of the hypocretin/orexin system** *NEUROPSYCHOPHARMACOLOGY*  
Mignot, E.  
2001; 25: S5-S13
  - **Fluctuation of extracellular hypocretin-1 (orexin A) levels in the rat in relation to the light-dark cycle and sleep-wake activities** *EUROPEAN JOURNAL OF NEUROSCIENCE*  
Yoshida, Y., Fujiki, N., Nakajima, T., Ripley, B., Matsumura, H., Yoneda, H., Mignot, E., Nishino, S.  
2001; 14 (7): 1075-1081
  - **Low cerebrospinal fluid hypocretin levels found in familial narcolepsy** *SLEEP MEDICINE*  
Hartwig, G., Harsh, J., Ripley, B., Nishino, S., Mignot, E.  
2001; 2 (5): 451-453

- **Narcolepsy and the HLA region** *JOURNAL OF NEUROIMMUNOLOGY*  
Lin, L., Hungs, M., Mignot, E.  
2001; 117 (1-2): 9-20
- **Narcolepsy and low CSF orexin (hypocretin) concentration after a diencephalic stroke** *NEUROLOGY*  
Scammell, T. E., Nishino, S., Mignot, E., SAPER, C. B.  
2001; 56 (12): 1751-1753
- **Association between apolipoprotein E epsilon 4 and sleep-disordered breathing in adults** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
KADOTANI, H., Kadotani, T., Young, T., Peppard, P. E., Finn, L., Colrain, I. M., Murphy, G. M., Mignot, E.  
2001; 285 (22): 2888-2890
- **Hypocretin levels in sporadic and familial cases of canine narcolepsy** *NEUROBIOLOGY OF DISEASE*  
Ripley, B., Fujiki, N., Okura, M., Mignot, E., Nishino, S.  
2001; 8 (3): 525-534
- **Narcoleptic canines display periodic leg movements during sleep** *25th Annual Meeting of the Japanese-Society-of-Sleep-Research (JSSR)*  
Okura, M., Fujiki, N., Ripley, B., Takahashi, S., Amitai, N., Mignot, E., Nishino, S.  
WILEY-BLACKWELL.2001: 243-44
- **Hypocretin/orexin, sleep and narcolepsy** *BIOESSAYS*  
Hungs, M., Mignot, E.  
2001; 23 (5): 397-408
- **Identification and functional analysis of mutations in the hypocretin (Orexin) genes of narcoleptic canines (vol 11, pg 531, 2001)** *GENOME RESEARCH*  
Hungs, M., Fan, J., Lin, L., Lin, X. Y., Grigoriadis, D., Maki, R. A., Mignot, E.  
2001; 11 (5): 919
- **Physical and radiation hybrid mapping of canine chromosome 12, in a region corresponding to human chromosome 6p12-q12** *GENOMICS*  
Li, R., Faraco, J. H., Lin, L., Lin, X. Y., Hinton, L., Rogers, W., Lowe, J. K., Ostrander, E. A., Mignot, E.  
2001; 73 (3): 299-315
- **Changes in CSF hypocretin-1 (orexin A) levels in rats across 24 hours and in response to food deprivation** *NEUROREPORT*  
Fujiki, N., Yoshida, Y., Ripley, B., Honda, K., Mignot, E., Nishino, S.  
2001; 12 (5): 993-997
- **Diagnostic value of low CSF hypocretin/orexin levels in human narcolepsy**  
Nishino, S., Ripley, B., Overeem, S., Nevsimalova, S., Lammers, G. J., Vankova, J., Okun, M., Rogers, W., Brooks, S., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2001: A95-A96
- **The comparability of the Stanford Sleep Inventory and the Sleep-EVAL system in narcolepsy diagnosis**  
Okun, M. L., Ohayon, M. M., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2001: A328-A329
- **The narcolepsy diagnosis: Comparison between the Sleep-EVAL system and clinicians**  
Black, J., Ohayon, M., Okun, M., Guilleminault, C., Mignot, E., Zarcone, V.  
AMER ACAD SLEEP MEDICINE.2001: A328-A328
- **A hundred years of narcolepsy research** *ARCHIVES ITALIENNES DE BIOLOGIE*  
Mignot, E.  
2001; 139 (3): 207-220
- **Identification and functional analysis of mutations in the Hypocretin (Orexin) genes of narcoleptic canines** *GENOME RESEARCH*  
Hungs, M., Fan, J., Lin, L., Lin, X. Y., Maki, R. A., Mignot, E.  
2001; 11 (4): 531-539
- **Narcolepsy: Clinical features, new pathophysiologic insights, and future perspectives** *JOURNAL OF CLINICAL NEUROPHYSIOLOGY*  
Overeem, S., Mignot, E., van Dijk, J. G., Lammers, G. J.  
2001; 18 (2): 78-105

- **Complex HLA-DR and -DQ interactions confer risk of narcolepsy-cataplexy in three ethnic groups** *AMERICAN JOURNAL OF HUMAN GENETICS*  
Mignot, E., Lin, L., Rogers, W., Honda, Y., Qiu, X. H., Lin, X. Y., Okun, M., Hohjoh, H., Miki, T., Hsu, S. H., Leffell, M. S., GRUMET, F. C., Fernandez-Vina, et al  
2001; 68 (3): 686-699
- **Dopaminergic role in stimulant-induced wakefulness** *JOURNAL OF NEUROSCIENCE*  
Wisor, J. P., Nishino, S., Sora, I., Uhl, G. H., Mignot, E., Edgar, D. M.  
2001; 21 (5): 1787-1794
- **The role of histamine in a hypocretin (orexin)-deficient sleep disorder, narcolepsy** *5th International Histamine Symposium*  
Nishino, S., Honda, K., Fujiki, N., Wurts, S. W., SAKURAI, E., Kato, M., Watanabe, T., Mignot, E., Yanai, K.  
ELSEVIER SCIENCE BV.2001: 247-251
- **Is narcolepsy a REM sleep disorder? Analysis of sleep abnormalities in narcoleptic Dobermans** *NEUROSCIENCE RESEARCH*  
Nishino, S., Riehl, J., Hong, J., Kwan, M., REID, M., Mignot, E.  
2000; 38 (4): 437-446
- **Sulpiride, a D2/D3 blocker, reduces cataplexy but not REM sleep in canine narcolepsy** *NEUROPSYCHOPHARMACOLOGY*  
Okura, M., Riehl, J., Mignot, E., Nishino, S.  
2000; 23 (5): 528-538
- **DLA-DQB1 alleles and bone marrow transplantation experiments in narcoleptic dogs** *TISSUE ANTIGENS*  
Wagner, J. L., STORB, R., Storer, B., Mignot, E.  
2000; 56 (3): 223-231
- **Chronic oral administration of CG-3703, a thyrotropin releasing hormone analog, increases wake and decreases cataplexy in canine narcolepsy** *NEUROPSYCHOPHARMACOLOGY*  
Riehl, J., Honda, K., Kwan, M., Hong, J., Mignot, E., Nishino, S.  
2000; 23 (1): 34-45
- **Perspectives in narcolepsy and hypocretin (orexin) research.** *Sleep medicine*  
Mignot, E.  
2000; 1 (2): 87-90
- **Perspectives in narcolepsy and hypocretin (orexin) research** *SLEEP MEDICINE*  
Mignot, E.  
2000; 1 (2): 87-90
- **Narcolepsy: genetic predisposition and neuropharmacological mechanisms. REVIEW ARTICLE.** *Sleep medicine reviews*  
Nishino, S., Okura, M., Mignot, E.  
2000; 4 (1): 57-99
- **Narcolepsy: genetic predisposition and neuropharmacological mechanisms** *SLEEP MEDICINE REVIEWS*  
Nishino, S., Okura, M., Mignot, E.  
2000; 4 (1): 57-99
- **Clinical and polysomnographic features in DQB1\*0602 positive and negative narcolepsy patients: results from the modafinil clinical trial** *SLEEP MEDICINE*  
Hong, S. C., Hayduk, R., Lim, J., Mignot, E.  
2000; 1 (1): 33-39
- **Hypocretin (orexin) deficiency in human narcolepsy** *LANCET*  
Nishino, S., Ripley, B., Overeem, S., Lammers, G. J., Mignot, E.  
2000; 355 (9197): 39-40
- **[Hypocretin (orexin) deficiency in narcolepsy-cataplexy].** *Sborník lékařský*  
Nevsimalová, S., Vanková, J., Sonka, K., Faraco, J., Rogers, W., Overeem, S., Mignot, E.  
2000; 101 (4): 381-386
- **Implication of dopaminergic mechanisms in the wake-promoting effects of amphetamine: A study of D- and L-derivatives in canine narcolepsy** *NEUROSCIENCE*

- 
- Kanbayashi, T., Honda, K., Kodama, T., Mignot, E., Nishino, S.  
2000; 99 (4): 651-659
- **A polymorphism in the human timeless gene is not associated with diurnal preferences in normal adults.** *Sleep research online : SRO*  
Pedrazzoli, M., Ling, L., Finn, L., Kubin, L., Young, T., Katzenberg, D., Mignot, E.  
2000; 3 (2): 73-76
  - **Dopamine D3 agonists into the substantia nigra aggravate cataplexy but do not modify sleep (vol 10, pg 3111, 1999)** *NEUROREPORT*  
Honda, K., Riehl, J., Mignot, E., Nishino, S.  
1999; 10 (17): 3717-3724
  - **Dopamine D-3 agonists into the substratia nigra aggravates cataplexy but does not modify sleep** *NEUROREPORT*  
Honda, K., Riehl, J., Mignot, E., Nishino, S.  
1999; 10 (14): 3111-3118
  - **A human period gene (HPER1) polymorphism is not associated with diurnal preference in normal adults** *PSYCHIATRIC GENETICS*  
Katzenberg, D., Young, T., Lin, L., Finn, L., Mignot, E.  
1999; 9 (2): 107-109
  - **Construction and characterization of an eightfold redundant dog genomic bacterial artificial chromosome library** *GENOMICS*  
Li, R., Mignot, E., Faraco, J., KADOTANI, H., Cantanese, J., Zhao, B., Lin, X., Hinton, L., Ostrander, E. A., Patterson, D. F., de Jong, P. J.  
1999; 58 (1): 9-17
  - **Nocturnal sleep and daytime sleepiness in normal subjects with HLA-DQB1\*0602** *SLEEP*  
Mignot, E., Young, T., Lin, L., Finn, L.  
1999; 22 (3): 347-352
  - **Genetic studies in narcolepsy, a disorder affecting REM sleep** *International Workshop on Canine Genetics - The Map, the Genes, the Diseases*  
Faraco, J., Lin, X., Li, R., Hinton, L., Lin, L., Mignot, E.  
OXFORD UNIV PRESS INC.1999: 129-32
  - **Neuronal degeneration in canine narcolepsy** *JOURNAL OF NEUROSCIENCE*  
Siegel, J. M., Nienhuis, R., Gulyani, S., Ouyang, S., Wu, M. F., Mignot, E., Switzer, R. C., McMurry, G., Cornford, M.  
1999; 19 (1): 248-257
  - **Locus coeruleus neurons: Cessation of activity during cataplexy** *NEUROSCIENCE*  
Wu, M. F., Gulyani, S. A., Yau, E., Mignot, E., Phan, B., Siegel, J. M.  
1999; 91 (4): 1389-1399
  - **Neuronal activity in the cholinceptive basal forebrain of freely moving narcoleptic dobermans** *NEUROREPORT*  
Nishino, S., Honda, K., Riehl, J., Okura, M., Mignot, E.  
1998; 9 (16): 3653-3661
  - **A CLOCK polymorphism associated with human diurnal preference** *SLEEP*  
Katzenberg, D., Young, T., Finn, L., Lin, L., King, D. P., Takahashi, J. S., Mignot, E.  
1998; 21 (6): 569-576
  - **Development of cataplexy in genetically narcoleptic Dobermans** *EXPERIMENTAL NEUROLOGY*  
Riehl, J., Nishino, S., Cederberg, R., Dement, W. C., Mignot, E.  
1998; 152 (2): 292-302
  - **Microsatellite single nucleotide polymorphisms in the HLA-DQ region** *TISSUE ANTIGENS*  
Lin, L., Jin, L., Lin, X., Voros, A., Underhill, P., Mignot, E.  
1998; 52 (1): 9-18
  - **Cerebrospinal fluid prostaglandins and corticotropin releasing factor in schizophrenics and controls: relationship to sleep architecture** *PSYCHIATRY RESEARCH*  
Nishino, S., Mignot, E., Benson, K. L., Zarccone, V. P.  
1998; 78 (3): 141-150
-

- **Neuropharmacological characterization of basal forebrain cholinergic stimulated cataplexy in narcoleptic canines** *EXPERIMENTAL NEUROLOGY*  
Reid, M. S., Nishino, S., Tafti, M., Siegel, J. M., Dement, W. C., Mignot, E.  
1998; 151 (1): 89-104
- **Reduction of REM sleep latency associated with HLA-DQB1\*0602 in normal adults** *LANCET*  
Mignot, E., Young, T., Lin, L., Finn, L., Palta, M.  
1998; 351 (9104): 727-727
- **Neurobiology of narcolepsy** *NEUROSCIENTIST*  
Nishino, S., Mignot, E.  
1998; 4 (2): 133-143
- **Genetic and familial aspects of narcolepsy** *Roundtable Discussion on Current Issues in the Diagnosis and Management of Narcolepsy*  
Mignot, E.  
LIPPINCOTT WILLIAMS & WILKINS.1998: S16-S22
- **Breeding history of the Stanford colony of narcoleptic dogs** *VETERINARY RECORD*  
Cederberg, R., Nishino, S., Dement, W. C., Mignot, E.  
1998; 142 (2): 31-36
- **HLA-DQB1\*0602 homozygosity increases relative risk for narcolepsy but not disease severity in two ethnic groups** *TISSUE ANTIGENS*  
Pelin, Z., Guilleminault, C., Risch, N., GRUMET, F. C., Mignot, E.  
1998; 51 (1): 96-100
- **Characterization of 12 microsatellite loci of the human MHC in a panel of reference cell lines** *IMMUNOGENETICS*  
Martin, M. P., Harding, A., Chadwick, R., Kronick, M., Cullen, M., Lin, L., Mignot, E., Carrington, M.  
1998; 47 (2): 131-138
- **The role of genetic factors in the development of narcolepsy and hypersomnia in childhood** *9th European Congress of Clinical Neurophysiology (ECCN 98)*  
Nevsimalova, S., Mignot, E.  
MONDUZZI EDITORE.1998: 63-68
- **DQ microsatellite association studies in three ethnic groups** *TISSUE ANTIGENS*  
Lin, L., Jin, L., Kimura, A., Carrington, M., Mignot, E.  
1997; 50 (5): 507-520
- **HLA class II haplotype and sequence analysis support a role for DQ in narcolepsy** *IMMUNOGENETICS*  
Ellis, M. C., Hetisimer, A. H., Ruddy, D. A., Hansen, S. L., Kronmal, G. S., McClelland, E., Quintana, L., Drayna, D. T., Aldrich, M. S., Mignot, E.  
1997; 46 (5): 410-417
- **Effects of thyrotropin-releasing hormone and its analogs on daytime sleepiness and cataplexy in canine narcolepsy** *JOURNAL OF NEUROSCIENCE*  
Nishino, S., Arrigoni, J., Shelton, J., Kanbayashi, T., Dement, W. C., Mignot, E.  
1997; 17 (16): 6401-6408
- **Genetics of narcolepsy and other sleep disorders** *AMERICAN JOURNAL OF HUMAN GENETICS*  
Mignot, E.  
1997; 60 (6): 1289-1302
- **HLA DR15 (DR2) and DQB1\*0602 typing studies in 188 narcoleptic patients with cataplexy** *NEUROLOGY*  
Rogers, A. E., Meehan, J., Guilleminault, C., GRUMET, F. C., Mignot, E.  
1997; 48 (6): 1550-1556
- **Extensive HLA class II studies in 58 non-DRB1\*15 (DR2) narcoleptic patients with cataplexy** *TISSUE ANTIGENS*  
Mignot, E., Kimura, A., Lattermann, A., Lin, X., Yasunaga, S., MUELLERECKHARDT, G., Rattazzi, C., Lin, L., Guilleminault, C., Dement, W. C., Underhill, P.  
1997; 49 (4): 329-341
- **Mesopontine organization of cholinergic and catecholaminergic cell groups in the normal and narcoleptic dog** *JOURNAL OF COMPARATIVE NEUROLOGY*  
Tafti, M., Nishino, S., Liao, W., Dement, W. C., Mignot, E.  
1997; 379 (2): 185-197



- **HLA DQB1\*0602 is associated with cataplexy in 509 narcoleptic patients** *SLEEP*  
Mignot, E., Hayduk, R., Black, J., GRUMET, F. C., Guilleminault, C.  
1997; 20 (11): 1012-1020
- **The natural history of a microsatellite located in the HLA DQ region** *12th International Histocompatibility Conference - HLA*  
Mignot, E., Macaubas, C., Jin, L., Hallmayer, J., Kimura, A., GRUMET, F. C.  
EDITIONS EDK.1997: 121-124
- **HLA class II studies in non DRB1\*1501 patients with narcolepsy-cataplexy** *12th International Histocompatibility Workshop - HLA*  
Mignot, E., Kimura, A., Lattermann, A., GRUMET, F. C., Mayer, G., Thorsby, E., HESLA, P. E., Mueller-Eckhardt, G.  
EDITIONS EDK.1997: 436-441
- **Familial aspects of narcolepsy-cataplexy in the Czech Republic** *SLEEP*  
Nevsimalova, S., Mignot, E., Sonka, K., Arrigoni, J. L.  
1997; 20 (11): 1021-1026
- **Mutation rate varies among alleles at a microsatellite locus: Phylogenetic evidence** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Jin, L., Macaubas, C., Hallmayer, J., Kimura, A., Mignot, E.  
1996; 93 (26): 15285-15288
- **Local administration of dopaminergic drugs into the ventral tegmental area modulates cataplexy in the narcoleptic canine** *BRAIN RESEARCH*  
Reid, M. S., Tafti, M., Nishino, S., Sampathkumaran, R., Siegel, J. M., Mignot, E.  
1996; 733 (1): 83-100
- **Thalidomide, a hypnotic with immune modulating properties, increases cataplexy in canine narcolepsy** *NEUROREPORT*  
Kanbayashi, T., Nishino, S., Tafti, M., Hishikawa, Y., Dement, W. C., Mignot, E.  
1996; 7 (12): 1881-1886
- **Major histocompatibility class II molecules in the CNS: Increased microglial expression at the onset of narcolepsy in a canine model** *JOURNAL OF NEUROSCIENCE*  
Tafti, M., Nishino, S., Aldrich, M. S., Liao, W. N., Dement, W. C., Mignot, E.  
1996; 16 (15): 4588-4595
- **IgH (mu-switch and gamma-1) region restriction fragment length polymorphism in human narcolepsy** *JOURNAL OF CLINICAL IMMUNOLOGY*  
Singh, S. M., George, C. F., OTT, R. N., Rattazzi, C., Guilleminault, C., Dement, W. C., Mignot, E.  
1996; 16 (4): 208-215
- **The natural history of a microsatellite located in the HLA DQ region**  
Mignot, E., Macaubas, C., Jin, L., Hallmayer, J., Kimura, A., GRUMET, F. C.  
ELSEVIER SCIENCE INC.1996: O09-O09
- **Thalidomide, immune modulation and narcolepsy** *SLEEP*  
Kanbayashi, T., Nishino, S., Tafti, M., Hishikawa, Y., Dement, W. C., Mignot, E.  
1996; 19 (2): 116-116
- **Some genetic aspects of narcolepsy** *CESKA A SLOVENSKA NEUROLOGIE A NEUROCHIRURGIE*  
Nevsimalova, S., Mignot, E., Sonka, K., Arrigoni, J. L.  
1996; 59 (4): 210-215
- **Comparative effects of modafinil and amphetamine on daytime sleepiness and cataplexy of narcoleptic dogs** *SLEEP*  
Shelton, J., Nishino, S., Vaught, J., Dement, W. C., Mignot, E.  
1995; 18 (10): 817-826
- **DQCAR microsatellite polymorphisms in three selected HLA class II-associated diseases.** *Tissue antigens*  
Mignot, E., Kimura, A., Abbal, M., Thorsby, E., Lin, X., Voros, A., Macaubas, C., Bouissou, F., Sollid, L. M., Cambon-Thomsen, A.  
1995; 46 (4): 299-304
- **DQCAR MICROSATELLITE POLYMORPHISMS IN 3 SELECTED HLA CLASS II-ASSOCIATED DISEASES** *TISSUE ANTIGENS*

- Mignot, E., Kimura, A., Abbal, M., Thorsby, E., Lin, X., Voros, A., Macaubas, C., Bouissou, F., Sollid, L. M., CAMBONTHOMSEN, A., Yasunaga, S., GRUMET, F. C.  
1995; 46 (4): 299-304
- **TRACKING THE EVOLUTION OF A MICROSATELLITE LOCUS LOCATED IN THE HLA-DQA1/DQB1 CLASS-II REGION**  
Macaubas, C., Jin, L., Hallmayer, J., Kimura, A., Mignot, E.  
CELL PRESS.1995: 953-53
  - **MUSCLE ATONIA IS TRIGGERED BY CHOLINERGIC STIMULATION OF THE BASAL FOREBRAIN - IMPLICATION FOR THE PATHOPHYSIOLOGY OF CANINE NARCOLEPSY** *JOURNAL OF NEUROSCIENCE*  
Nishino, S., Tafti, M., Reid, M. S., Shelton, J., Siegel, J. M., Dement, W. C., Mignot, E.  
1995; 15 (7): 4806-4814
  - **EXTENSIVE POLYMORPHISM OF A (CA)(N) MICROSATELLITE LOCATED IN THE HLA-DQA1/DQB1 CLASS-II REGION** *HUMAN IMMUNOLOGY*  
Macaubas, C., Hallmayer, J., Kalil, J., Kimura, A., Yasunaga, S., GRUMET, F. C., Mignot, E.  
1995; 42 (3): 209-220
  - **EFFECT OF 5-HT1A RECEPTOR AGONISTS AND ANTAGONISTS ON CANINE CATAPLEXY** *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS*  
Nishino, S., Shelton, J., RENAUD, A., Dement, W. C., Mignot, E.  
1995; 272 (3): 1170-1175
  - **A NEW DRB1(ASTERISK)1202 ALLELE (DRB1(ASTERISK)12022) FOUND IN ASSOCIATION WITH DQA1(ASTERISK)0102 AND DQB1(ASTERISK)0602 IN 2 BLACK NARCOLEPTIC SUBJECTS** *IMMUNOGENETICS*  
Behar, E., Lin, X. Y., GRUMET, F. C., Mignot, E.  
1995; 41 (1): 52-52
  - **NARCOLEPSY AND IMMUNITY** *ADVANCES IN NEUROIMMUNOLOGY*  
Mignot, E., Tafti, M., Dement, W. C., GRUMET, F. C.  
1995; 5 (1): 23-37
  - **CONTROVERSIES IN THE DIAGNOSIS OF NARCOLEPSY** *4th International Conference on Narcolepsy*  
Guilleminault, C., Mignot, E., Partinen, M.  
AMER SLEEP DISORDERS ASSOC.1994: S1-S6
  - **NEUROPHARMACOLOGY AND NEUROCHEMISTRY OF CANINE NARCOLEPSY** *4th International Conference on Narcolepsy*  
Nishino, S., Reid, M. S., Dement, W. C., Mignot, E.  
AMER SLEEP DISORDERS ASSOC.1994: S84-S92
  - **AN IMMUNOGLOBULIN SWITCHLIKE SEQUENCE IS LINKED WITH CANINE NARCOLEPSY** *4th International Conference on Narcolepsy*  
Mignot, E., Bell, R. A., Rattazzi, C., LOVETT, M., GRUMET, F. C., Dement, W. C.  
AMER SLEEP DISORDERS ASSOC.1994: S68-S76
  - **DQB1-ASTERISK-0602 AND DQA1-ASTERISK-0102 (DQ1) ARE BETTER MARKERS THAN DR2 FOR NARCOLEPSY IN CAUCASIAN AND BLACK-AMERICANS** *4th International Conference on Narcolepsy*  
Mignot, E., Lin, X., Arrigoni, J., Macaubas, C., Olive, F., Hallmayer, J., Underhill, P., Guilleminault, C., Dement, W. C., GRUMET, F. C.  
AMER SLEEP DISORDERS ASSOC.1994: S60-S67
  - **CHOLINERGIC REGULATION OF CATAPLEXY IN CANINE NARCOLEPSY IN THE PONTINE RETICULAR-FORMATION IS MEDIATED BY M2 MUSCARINIC RECEPTORS** *SLEEP*  
Reid, M. S., Tafti, M., Nishino, S., Siegel, J. M., Dement, W. C., Mignot, E.  
1994; 17 (5): 424-435
  - **MODAFINIL BINDS TO THE DOPAMINE UPTAKE CARRIER SITE WITH LOW-AFFINITY** *SLEEP*  
Mignot, E., Nishino, S., Guilleminault, C., Dement, W. C.  
1994; 17 (5): 436-437
  - **CHOLINERGIC MECHANISMS IN CANINE NARCOLEPSY .1. MODULATION OF CATAPLEXY VIA LOCAL-DRUG ADMINISTRATION INTO THE PONTINE RETICULAR-FORMATION** *NEUROSCIENCE*  
Reid, M. S., Tafti, M., GEARY, J. N., Nishino, S., Siegel, J. M., Dement, W. C., Mignot, E.

- 1994; 59 (3): 511-522
- **STABILITY OF CATAPLEXY OVER SEVERAL MONTHS - INFORMATION FOR THE DESIGN OF THERAPEUTIC TRIALS** *SLEEP*  
Gelb, M., Guilleminault, C., Kraemer, H., Lin, S., Moon, S., Dement, W. C., Mignot, E.  
1994; 17 (3): 265-273
  - **CHOLINERGIC MECHANISMS IN CANINE NARCOLEPSY .2. ACETYLCHOLINE-RELEASE IN THE PONTINE RETICULAR-FORMATION IS ENHANCED DURING CATAPLEXY** *NEUROSCIENCE*  
Reid, M. S., Siegel, J. M., Dement, W. C., Mignot, E.  
1994; 59 (3): 523-530
  - **DESMETHYL METABOLITES OF SEROTONERGIC UPTAKE INHIBITORS ARE MORE POTENT FOR SUPPRESSING CANINE CATAPLEXY THAN THEIR PARENT COMPOUNDS** *SLEEP*  
Nishino, S., Arrigoni, J., Shelton, J., Dement, W. C., Mignot, E.  
1993; 16 (8): 706-712
  - **FURTHER CHARACTERIZATION OF THE ALPHA-1 RECEPTOR SUBTYPE INVOLVED IN THE CONTROL OF CATAPLEXY IN CANINE NARCOLEPSY** *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS*  
Nishino, S., Fruhstorfer, B., Arrigoni, J., Guilleminault, C., Dement, W. C., Mignot, E.  
1993; 264 (3): 1079-1084
  - **PHARMACOLOGICAL CONTROL OF NARCOLEPSY AND REM-SLEEP** *SYMP ON ENDOCRINE AND NUTRITIONAL CONTROL OF BASIC BIOLOGICAL FUNCTIONS*  
Mignot, E., Guilleminault, C.  
HOGREFE & HUBER PUBLISHERS.1993: 307-314
  - **DQB1-0602 (DQW1) IS NOT PRESENT IN MOST NONDR2 CAUCASIAN NARCOLEPTICS** *SLEEP*  
Mignot, E., Lin, X., Kalil, J., George, C., Singh, S., Billiard, M., Montplaisir, J., Arrigoni, J., Guilleminault, C., Dement, W. C., GRUMET, F. C.  
1992; 15 (5): 415-422
  - **MONOAMINERGIC UPTAKE IN SYNAPTOSOMES PREPARED FROM FROZEN BRAIN-TISSUE SAMPLES OF NORMAL AND NARCOLEPTIC CANINES** *BRAIN RESEARCH*  
VALTIER, D., Dement, W. C., Mignot, E.  
1992; 588 (1): 115-119
  - **ACTIVITY OF MEDIAL MESOPONTINE UNITS DURING CATAPLEXY AND SLEEP-WAKING STATES IN THE NARCOLEPTIC DOG** *JOURNAL OF NEUROSCIENCE*  
Siegel, J. M., Nienhuis, R., Fahringer, H. M., Chiu, C., Dement, W. C., Mignot, E., Lufkin, R.  
1992; 12 (5): 1640-1646
  - **STRATEGIES FOR THE DEVELOPMENT OF NEW TREATMENTS IN SLEEP DISORDER MEDICINE** *WORKSHOP ON TARGET RECEPTORS FOR ANXIOLYTICS AND HYPNOTICS : FROM MOLECULAR PHARMACOLOGY TO THERAPEUTICS*  
Mignot, E., Edgar, D. M., Miller, J. D., Prosser, R. A., VANGELDER, R. N., Nishino, S., Dement, W. C.  
KARGER.1992: 129-150
  - **DOPAMINE-D2 MECHANISMS IN CANINE NARCOLEPSY** *JOURNAL OF NEUROSCIENCE*  
Nishino, S., Arrigoni, J., VALTIER, D., Miller, J. D., Guilleminault, C., Dement, W. C., Mignot, E.  
1991; 11 (9): 2666-2671
  - **NEURONAL-ACTIVITY IN NARCOLEPSY - IDENTIFICATION OF CATAPLEXY-RELATED CELLS IN THE MEDIAL MEDULLA** *SCIENCE*  
Siegel, J. M., Nienhuis, R., Fahringer, H. M., Paul, R., Shiromani, P., Dement, W. C., Mignot, E., Chiu, C.  
1991; 252 (5010): 1315-1318
  - **GENETIC-LINKAGE OF AUTOSOMAL RECESSIVE CANINE NARCOLEPSY WITH A MU-IMMUNOGLOBULIN HEAVY-CHAIN SWITCH-LIKE SEGMENT** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Mignot, E., Wang, C., Rattazzi, C., Gaiser, C., LOVETT, M., Guilleminault, C., Dement, W. C., GRUMET, F. C.  
1991; 88 (8): 3475-3478
  - **RADIOLIGAND BINDING TO ADENOSINE RECEPTORS AND ADENOSINE UPTAKE SITES IN DIFFERENT BRAIN-REGIONS OF NORMAL AND NARCOLEPTIC DOGS** *PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR*  
Hawkins, M., OCONNOR, S., Radulovacki, M., Bowersox, S., Mignot, E., Dement, W.

1991; 38 (1): 1-6

- **EFFECTS OF CENTRAL ALPHA-2 ADRENERGIC COMPOUNDS ON CANINE NARCOLEPSY, A DISORDER OF RAPID EYE-MOVEMENT SLEEP** *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS*  
Nishino, S., Haak, L., Shepherd, H., Guilleminault, C., Sakai, T., Dement, W. C., Mignot, E.  
1990; 253 (3): 1145-1152
- **RECEPTOLOGY IN NARCOLEPSY** *1ST EUROPEAN CONGRESS OF NEUROLOGY / INTERNATIONAL SYMP ON NEUROLOGICAL EMERGENCIES*  
Mignot, E., Guilleminault, C.  
JOHN LIBBEY & CO.1990: 521-530
- **EFFECTS OF INTRAVENOUS ADMINISTRATION OF PROSTAGLANDINS ON CANINE NARCOLEPSY** *2ND INTERNATIONAL SYMP ON ENDOGENOUS SLEEP FACTORS*  
Nishino, S., Mignot, E., Fruhstorfer, B., Kilduff, T. S., Ueno, R., Hayaishi, O., Dement, W. C.  
S P B ACADEMIC PUBL.1990: 77-83
- **NORADRENERGIC AND CHOLINERGIC CONTROL OF CATAPLEXY - PHARMACOLOGICAL EVIDENCE** *2ND INTERNATIONAL SYMP ON ENDOGENOUS SLEEP FACTORS*  
Mignot, E., Nishino, S., Guilleminault, C., Dement, W. C.  
S P B ACADEMIC PUBL.1990: 203-215
- **FAMILIAL PATTERNS OF NARCOLEPSY** *LANCET*  
Guilleminault, C., Mignot, E., GRUMET, F. C.  
1989; 2 (8676): 1376-1379
- **EVIDENCE FOR MULTIPLE [H-3] PRAZOSIN BINDING-SITES IN CANINE BRAIN MEMBRANES** *BRAIN RESEARCH*  
Mignot, E., Bowersox, S. S., Maddaluno, J., Dement, W., CIARANELLO, R.  
1989; 486 (1): 56-66
- **PROSTAGLANDIN-E2 AND ITS METHYL-ESTER REDUCE CATAPLEXY IN CANINE NARCOLEPSY** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Nishino, S., Mignot, E., Fruhstorfer, B., Dement, W. C., Hayaishi, O.  
1989; 86 (7): 2483-2487
- **ROLE OF CENTRAL ALPHA-1 ADRENOCEPTORS IN CANINE NARCOLEPSY** *JOURNAL OF CLINICAL INVESTIGATION*  
Mignot, E., Guilleminault, C., Bowersox, S., Rappaport, A., Dement, W. C.  
1988; 82 (3): 885-894