Stanford

Lawrence Fung MD PhD

Associate Professor of Psychiatry and Behavioral Sciences (Major Laboratories & Clinical Translational Neurosciences Incubator)

Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Neurodiversity Clinic**

  401 Quarry Rd

  MC 5719

  Stanford, CA 94305

  Tel (650) 498-9111 **Fax** (650) 724-9900

Bio

BIO

Dr. Lawrence Fung is an associate professor at the Department of Psychiatry and Behavioral Sciences at Stanford University. He is the director of the Stanford Neurodiversity Project, director of the Neurodiversity Clinic, and principal investigator at the Fung Lab. His work, which focuses on autism and neurodiversity, traverses from multi-modal neuroimaging studies to a new conceptualization of neurodiversity and its application to clinical, educational, and employment settings. His lab advances the understanding of neural bases of human socio-communicative and cognitive functions by using novel neuroimaging and bioanalytical technologies. Using a community-based participatory research approach, his team devises and implements novel interventions to improve the lives of neurodiverse individuals by maximizing their potential and productivity. His work has been supported by various agencies, including the National Institutes of Health, Autism Speaks, California Department of Developmental Services, California Department of Rehabilitation, and philanthropy. He received his Ph.D. in chemical engineering from Cornell University and his M.D. from George Washington University. He completed his general psychiatry residency, child and adolescent psychiatry fellowship, and postdoctoral research fellowship at Stanford.

CLINICAL FOCUS

- Autism
- Neurodiversity
- Neuropsychopharmacology
- Neurogenetic conditions
- Psychiatric conditions with co-occurring neurologic symptoms
- Child, Adolescent and Adult Psychiatry
- Child and Adolescent Psychiatry

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Psychiatry and Behavioral Sciences
- Member, Bio-X
- Member, SPARK at Stanford

- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Director, Stanford Neurodiversity Project, (2018- present)
- Director, Neurodiversity Clinic, (2018- present)
- Director of Dissemination and Outreach Core, Center for Sleep in Autism, Stanford University, (2022-2027)
- Attending physician, Pediatric Neuropsychopharmacology Clinic, (2015-2018)
- Attending physician, Autism & Developmental Disabilities Clinic, (2015- present)

HONORS AND AWARDS

- Chairman's Award on Community Commitment and Engagement, Department of Psychiatry and Behavioral Sciences, Stanford University (2020)
- Faculty Professional & Leadership Development Award, Department of Psychiatry and Behavioral Sciences, Stanford University (2020)
- SOBP Travel Fellowship Award, Society of Biological Psychiatry (2017)
- Clinical Investigator Award / Mentored Clinical Scientist Research Career Development Award (K08), National Institute of Mental Health (2016-2020)
- Young Investigator Award, International Symposium on Functional NeuroReceptor Mapping of the Living Brain (2016)
- ACNP Travel Award, American College of Neuropsychopharmacology (2015)
- AACAP Pilot Research Award, American Academy of Child & Adolescent Psychiatry (2013-2014)
- Ruth L. Kirschstein Individual Postdoctoral National Research Service Award, National Institute of Mental Health (2013-2014)
- Finalist, National Institutes of Health Director's Early Independence Award (DP5), National Institutes of Health (2013)
- Nominee, Career Awards for Medical Scientists (selected from Stanford Univ-wide search), Burroughs Wellcome Fund (2013)
- Runner-up in Resident Poster Competition, Session 2, APA Annual Meeting, American Psychiatric Association (2013)
- Scholar, Career Development Institute for Psychiatry (2013)
- Miller Award, Department of Psychiatry & Behavioral Sciences, Stanford University (2012)
- Nominee, NIH Director's Early Independence Award (DP5) (selected from Stanford Univ-wide search), National Institutes of Health (2012)
- Brain Camp III participant, National Institute of Mental Health (2011)
- NIMH Outstanding Resident Award, National Institute of Mental Health (2011)
- Trainee Travel Award, Academy of Psychosomatic Medicine (2011)
- Janssen Resident Psychiatric Research Scholar, American Psychiatric Institute on Research and Education (2010)
- Outstanding General Psychiatry Resident Award, American Academy of Child & Adolescent Psychiatry (2010)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Associate Editor, Research in Autism Spectrum Disorders (2023 - present)
- Associate Editor, Frontiers in Psychiatry (2022 - present)
- Associate Editor, Journal of Autism and Developmental Disorders (2022 - present)
- Member, Board of Directors, Helping Adults with Autism Perform & Excel (2021 - present)
- President, Bay Area Autism Consortium (2021 - present)
- Fellow, American Psychiatric Association (2019 - present)
- Member, Board of Directors, Autism Asperger's Spectrum Coalition for Education, Networking and Development (2019 - present)
- Member, Board of Directors, Bay Area Autism Consortium (2019 - present)
- Associate Member, American College of Neuropsychopharmacology (2018 - present)

- Member, Society of Biological Psychiatry (2012 - present)
- Member, International Society for Autism Research (2009 - present)
- Member, American Academy of Child & Adolescent Psychiatry (2008 - present)
- Member, American Psychiatric Association (2008 - 2019)

PROFESSIONAL EDUCATION

- Board Certification, American Board of Psychiatry and Neurology , Child and Adolescent Psychiatry (2015)
- Fellowship, Stanford University Medical Center , Child and Adolescent Psychiatry (2014)
- Board Certification, American Board of Psychiatry and Neurology , Psychiatry (2013)
- Residency, Stanford University Medical Center , General Psychiatry (2013)
- Internship, Stanford University , Psychiatry (2010)
- MD, George Washington University , Medicine (2009)
- PhD, Cornell University , Chemical Engineering (1998)
- MSE, Johns Hopkins University , Chemical Engineering (1996)
- B.S. (Honors), University of California at Berkeley , Chemical Engineering (1993)

LINKS

- Stanford Neurodiversity Project: http://med.stanford.edu/neurodiversity.html
- My Lab Site: http://med.stanford.edu/funglab.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Lawrence Fung an assistant professor in the Department of Psychiatry and Behavioral Sciences at Stanford University. He is the director of the Stanford Neurodiversity Project, director of the Neurodiversity Clinic, and principal investigator at the Fung Lab. His work, which focuses on autism and neurodiversity, traverses from multi-modal neuroimaging studies to new conceptualization of neurodiversity and its application to clinical, education, and employment settings. His lab advances the understanding of neural bases of human socio-communicative and cognitive functions by using novel neuroimaging and bioanalytical technologies. Using community-based participatory research approach, his team devises and implements novel interventions to improve the lives of neurodiverse individuals by maximizing their potential and productivity. His work has been supported by various agencies including the National Institutes of Health, Autism Speaks, California Department of Developmental Services, California Department of Rehabilitation, as well as philanthropy. He received his PhD in chemical engineering from Cornell University, and MD from George Washington University. He completed his general psychiatry residency, child and adolescent psychiatry fellowship, and postdoctoral research fellowship at Stanford.

CLINICAL TRIALS

- Achieving Steady Work Among Adults With Autism Through Specialized Employment Program, Recruiting
- Pilot Trial of Pregnenolone in Autism, Recruiting
- Intermittent Theta-Burst Stimulation to Target Irritability in Adults With ASD, Not Recruiting

PROJECTS

- GABAergic Neurophysiology in Autism Spectrum Disorder - Stanford University (September 8, 2016 - May 31, 2020)
- Achieving Steady Work Among Adults With Autism Through Specialized Employment Program (April 1, 2020 - April 30, 2023)

Teaching

COURSES

2023-24

- Topics in Neurodiversity: Design Thinking Approaches: PSYC 223B, PSYCH 249B (Spr)

2022-23

- Topics in Neurodiversity: Design Thinking Approaches: PSYC 223B, PSYCH 249B (Spr)

2021-22

- Topics in Neurodiversity: Design Thinking Approaches: PSYC 223B, PSYCH 249B (Spr)

2020-21

- Topics in Neurodiversity: Introduction and Advocacy, Part 1: PSYC 229A (Aut)
- Topics in Neurodiversity: Introduction and Advocacy, Part 2: PSYC 229B (Win)
- Topics in Neurodiversity: Introduction and Advocacy, Part 3: PSYC 229C (Spr)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Rachel VanDaalen, Lyrid Zhao

Publications

PUBLICATIONS

- **A dual design thinking - universal design approach to catalyze neurodiversity advocacy through collaboration among high-schoolers.** *Frontiers in psychiatry*
  Schuck, R. K., Fung, L. K.
  2023; 14: 1250895

- **NEURODIVERSITY: AN INVISIBLE STRENGTH?** *JOM*
  Fung, L. K., Ulrich, T. L., Fujimoto, K. T., Taheri, M.
  2022; 74 (9): 3200-3202

- **"Self-compassion changed my life": The self-compassion experiences of autistic and non-autistic adults and its relationship with mental health and psychological wellbeing.** *Journal of autism and developmental disorders*
  Cai, R. Y., Gibbs, V., Love, A., Robinson, A., Fung, L., Brown, L.
  2022

- **The impact of autism-related training programs on physician knowledge, self-efficacy, and practice behavior: A systematic review.** *Autism : the international journal of research and practice*
  Clarke, L., Fung, L. K.
  2022: 13623613221102016

- **Region-specific associations between gamma-aminobutyric acid A receptor binding and cortical thickness in high-functioning autistic adults.** *Autism research : official journal of the International Society for Autism Research*
  James, D., Lam, V. T., Jo, B., Fung, L. K.
  2022

- **A Scoping Review of Peer Mentoring Programs for Autistic College Students** *Review Journal of Autism and Developmental Disorders*
  Morris, I. F., Matta, C., Fung, L. K.
  2022

- **Thalamocortical connectivity is associated with autism symptoms in high-functioning adults with autism and typically developing adults.** *Translational psychiatry*

Ayub, R. n., Sun, K. L., Flores, R. E., Lam, V. T., Jo, B. n., Saggar, M. n., Fung, L. K.
2021; 11 (1): 93

- **Neurobiology of Neurodiversity** *Neurodiversity: from Phenomenology to Neurobiology and Enhancing Technologies*
  Fung, L. K.
  American Psychiatric Association Publishing.2021
- **Strengths-Based Model of Attention Deficit Hyperactivity Disorder** *Neurodiversity: from Phenomenology to Neurobiology and Enhancing Technologies*
  Fung, L. K.
  American Psychiatric Association Publishing.2021
- **Strengths-Based Model of Autism** *Neurodiversity: from Phenomenology to Neurobiology and Enhancing Technologies*
  Fung, L. K.
  American Psychiatric Association Publishing.2021
- **Neurodiversity: The New Diversity** *Neurodiversity: from Phenomenology to Neurobiology and Enhancing Technologies*
  Fung, L. K., Doyle, N.
  American Psychiatric Association Publishing.2021
- **Association of serum allopregnanolone with restricted and repetitive behaviors in adult males with autism.** *Psychoneuroendocrinology*
  Chew, L., Sun, K. L., Sun, W., Wang, Z., Rajadas, J., Flores, R. E., Arnold, E., Jo, B., Fung, L. K.
  2020; 123: 105039
- **Thalamic and prefrontal GABA concentrations but not GABAA receptor densities are altered in high-functioning adults with autism spectrum disorder.** *Molecular psychiatry*
  Fung, L. K., Flores, R. E., Gu, M. n., Sun, K. L., James, D. n., Schuck, R. K., Jo, B. n., Park, J. H., Lee, B. C., Jung, J. H., Kim, S. E., Saggar, M. n., Sacchet, et al
  2020
- **Brief Report: Sex/Gender Differences in Symptomology and Camouflaging in Adults with Autism Spectrum Disorder** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
  Schuck, R. K., Flores, R. E., Fung, L. K.
  2019; 49 (6): 2597–2604
- **A randomized placebo-controlled pilot trial shows that intranasal vasopressin improves social deficits in children with autism** *SCIENCE TRANSLATIONAL MEDICINE*
  Parker, K. J., Oztan, O., Libove, R. A., Mohsin, N., Karhson, D. S., Sumiyoshi, R. D., Summers, J. E., Hinman, K. E., Motonaga, K. S., Phillips, J. M., Carson, D. S., Fung, L. K., Garner, et al
  2019; 11 (491)
- **Moving Toward Integrative, Multidimensional Research in Modern Psychiatry: Lessons Learned From Fragile X Syndrome** *BIOLOGICAL PSYCHIATRY*
  Fung, L. K., Reiss, A. L.
  2016; 80 (2): 100-111
- **A proton spectroscopy study of white matter in children with autism.** *Progress in neuro-psychopharmacology & biological psychiatry*
  Hardan, A. Y., Fung, L. K., Frazier, T., Berquist, S. W., Minshew, N. J., Keshavan, M. S., Stanley, J. A.
  2016; 66: 48-53
- **Pharmacologic Treatment of Severe Irritability and Problem Behaviors in Autism: A Systematic Review and Meta-analysis.** *Pediatrics*
  Fung, L. K., Mahajan, R., Nozzolillo, A., Bernal, P., Krasner, A., Jo, B., Coury, D., Whitaker, A., Veenstra-VanderWeele, J., Hardan, A. Y.
  2016; 137: S124-35
- **Brief Report: An Open-Label Study of the Neurosteroid Pregnenolone in Adults with Autism Spectrum Disorder** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
  Fung, L. K., Libove, R. A., Phillips, J., Haddad, F., Hardan, A. Y.
  2014; 44 (11): 2971-2977
- **A Randomized Controlled Pilot Trial of Oral N-Acetylcysteine in Children with Autism** *BIOLOGICAL PSYCHIATRY*
  Hardan, A. Y., Fung, L. K., Libove, R. A., Obukhanych, T. V., Nair, S., Herzenberg, L. A., Frazier, T. W., Tirouvanziam, R.
  2012; 71 (11): 956-961

- **FAR: End-to-End Vibrotactile Distributed System Designed to Facilitate Affect Regulation in Children Diagnosed with Autism Spectrum Disorder Through Slow Breathing**
  Miri, P., Arora, M., Malhotra, A., Flory, R., Hu, S., Lowber, A., Goyal, I., Nguyen, J., Hegarty, J., Kohn, M., Schneider, D., Culbertson, H., Yamins, et al
  ASSOC COMPUTING MACHINERY.2022

- **Neurodiversity: From Phenomenology to Neurobiology and Enhancing Technologies**
  edited by Fung, L. K.
  American Psychiatric Publishing Inc.2021

- **Sex Differences in Resting-State Functional Connectivity in High-Functioning Adults With Autism**
  Sun, K., Ayub, R., Lam, V., Saggar, M., Fung, L.
  SPRINGERNATURE.2020: 297–98

- **Autism and toe-walking: are they related? Trends and treatment patterns between 2005 and 2016** *JOURNAL OF CHILDRENS ORTHOPAEDICS*
  Leyden, J., Fung, L., Frick, S.
  2019; 13 (4): 340–45

- **Autism and toe-walking: are they related? Trends and treatment patterns between 2005 and 2016.** *Journal of children's orthopaedics*
  Leyden, J., Fung, L., Frick, S.
  2019; 13 (4): 340-345

- **Oxidative Stress in Psychiatric Disorders** *The Therapeutic use of N-Acetylcysteine (NAC) in Medicine*
  Fung, L., Hardan, A.
  Springer Nature.2019: 53–72

- **Neurodevelopmental Disorders** *AMERICAN PSYCHIATRIC ASSOCIATION PUBLISHING TEXTBOOK OF PSYCHIATRY, 7TH EDITION*
  Hong, D. S., Fung, L. K., Hardan, A., Roberts, L. W.
  2019: 225–55

- **Socio-Communicative Deficits are Modulated by GABA Concentrations but Not GABA(A) Receptor Densities in Adults With Autism Spectrum Disorder**
  Fung, L., Flores, R., Gu, M., Spielman, D., Chin, F., Hardan, A.
  NATURE PUBLISHING GROUP.2018: S317

- **THE FRAGILE X BRAIN: A PET/MR CASE STUDY**
  Gade, S., Gade, S., Shen, B., Jung, J., Lee, B., Kim, S., Fung, L., Chin, F.
  OXFORD UNIV PRESS INC.2018: S713

- **Autism Spectrum Disorder** *STUDENT MENTAL HEALTH: A GUIDE FOR PSYCHIATRISTS, PSYCHOLOGISTS, AND LEADERS SERVING IN HIGHER EDUCATION*
  Fung, L. K., Roberts, L. W.
  2018: 299-319

- **Comprehensive Examination of the GABAergic System in Adults With Autism by Simultaneous [18F] Flumazenil-Positron Emission Tomography and Magnetic Resonance Spectroscopy**
  Fung, L., Flores, R., Liu, K., Gu, M., Spielman, D., Chin, F., Hardan, A.
  NATURE PUBLISHING GROUP.2017: S206–S207

- **Simultaneous [18F]Flumazenil-Positron Emission Tomography and GABA-Magnetic Resonance Spectroscopy in Adults with Autism and Healthy Volunteers**
  Fung, L., Flores, R., Gu, M., Hjoernevik, T., Hardan, A., Spielman, D., Chin, F.
  ELSEVIER SCIENCE INC.2017: S127–S128

- **Interrogating the GABAergic system with simultaneous [F-18]-Flumazenilpositron emission tomography and GABA-magnetic resonance spectroscopy in healthy volunteers**
  Fung, L., Flores, R., Gu, M., Leuze, C., Hjoernevik, T., Shen, B., Park, J., Jung, J. H., Lee, B. C., Kim, S. E., McNab, J., Srinivas, S., Spielman, et al
  SAGE PUBLICATIONS INC.2017: 214-215

- **A sterile animal model for neuroinflammation?** *Science translational medicine*
  Fung, L. K.
  2017; 9 (373)

- **Corpus Callosum and Autism** *Autism Imaging and Devices*
  Fung, L. K., Hardan, A. Y.
  CRC Press.2017: 157–169

- **Studying GABA Neurophysiology by Simultaneous [18F]Flumazenil-Positron Emission Tomography and Magnetic Resonance Spectroscopy**
  Fung, L., Gu, M., Leuze, C., Hjoernevik, T., Shen, B., Park, J., Flores, R., Reyes, S., Holley, D., Gandhi, H., Jung, J., Lee, B., Kim, et al
  NATURE PUBLISHING GROUP.2016: S209

- **Intranasal Vasopressin Treatment Improves Social Abilities in Children With Autism**
  Parker, K., Oztan, O., Libove, R., Sumiyoshi, R., Summers, J., Hinman, K., Fung, L., Motonaga, K., Carson, D., Phillips, J., Garner, J., Hardan, A.
  NATURE PUBLISHING GROUP.2016: S341

- **Imaging serotonin reuptake in the living brain.** *Science translational medicine*
  Fung, L. K.
  2016; 8 (367): 367ec191-?

- **Effects of common anesthetic agents on [F-18] flumazenil binding to the GABA(A) receptor** *EJNMMI RESEARCH*
  Palner, M., Beinat, C., Banister, S., Zanderigo, F., Park, J. H., Shen, B., Hjoernevik, T., Jung, J. H., Lee, B. C., Kim, S. E., Fung, L., Chin, F. T.
  2016; 6

- **ANXIETY IN INDIVIDUALS WITH AUTISM SPECTRUM DISORDER: CLINICAL ASSESSMENT, BIOLOGY, AND TREATMENTS**
  Hardan, A., Fung, L. K., King, B. H.
  ELSEVIER SCIENCE INC.2016: S324

- **CORTISOL IN INDIVIDUALS WITH AUTISM SPECTRUM DISORDER: META-ANALYSIS AND SYSTEMATIC REVIEW**
  Fung, L. K.
  ELSEVIER SCIENCE INC.2016: S325

- **Irritability and Problem Behavior in Autism Spectrum Disorder: A Practice Pathway for Pediatric Primary Care** *PEDIATRICS*
  McGuire, K., Fung, L. K., Hagopian, L., Vasa, R. A., Mahajan, R., Bernal, P., Silberman, A. E., Wolfe, A., Coury, D. L., Hardan, A. Y., Veenstra-VanderWeele, J., Whitaker, A. H.
  2016; 137: S136-S148

- **Genetic disorders associated with the autism spectrum disorder phenotype** *Primer on Autism Spectrum Disorder*
  Fung, L. K., Reiss, A. L.
  Oxford University Press.2016: 117–137

- **Pregnenolone in the Treatment of Irritability in Autism Spectrum Disorder: A Post-Hoc Metabolomic Analysis**
  Fung, L., Sun, W., Libove, R., Tanaka, S., Kwa, L., Philips, J., Haddad, F., Rajadas, J., Hardan, A.
  NATURE PUBLISHING GROUP.2015: S188

- **Developing Medications Targeting Glutamatergic Dysfunction in Autism: Progress to Date.** *CNS drugs*
  Fung, L. K., Hardan, A. Y.
  2015

- **Developing Medications Targeting Glutamatergic Dysfunction in Autism: Progress to Date** *CNS DRUGS*
  Fung, L. K., Hardan, A. Y.
  2015; 29 (6): 453-463

- **Attitudes Toward Neuroscience Education in Psychiatry: a National Multi-stakeholder Survey** *ACADEMIC PSYCHIATRY*
  Fung, L. K., Akil, M., Widge, A., Roberts, L. W., Etkin, A.
  2015; 39 (2): 139-146

- **Autism in DSM-5 under the microscope: Implications to patients, families, clinicians, and researchers.** *Asian journal of psychiatry*
  Fung, L. K., Hardan, A. Y.
  2014; 11: 93-97

- **Attitudes toward neuroscience education among psychiatry residents and fellows.** *Academic psychiatry*
  Fung, L. K., Akil, M., Widge, A., Roberts, L. W., Etkin, A.
  2014; 38 (2): 127-134

- **Investigating the Attitudes Toward Neuroscience Education in Psychiatry -- The Stanford Education in Neuroscience Study (SENS)**
  Fung, L., Akil, M., Widge, A., Roberts, L., Etkin, A.
  ELSEVIER SCIENCE INC.2013: 219S

- **A Retrospective Review of the Effectiveness of Aripiprazole in the Treatment of Sensory Abnormalities in Autism** *JOURNAL OF CHILD AND ADOLESCENT PSYCHOPHARMACOLOGY*
  Fung, L. K., Chahal, L., Libove, R. A., Bivas, R., Hardan, A. Y.
  2012; 22 (3): 245-248

- **Conceptualizing neurodevelopmental disorders through a mechanistic understanding of fragile X syndrome and Williams syndrome** *CURRENT OPINION IN NEUROLOGY*
  Fung, L. K., Quintin, E., Haas, B. W., Reiss, A. L.
  2012; 25 (2): 112-124

- **Autism spectrum and neurodevelopmental disorders: clinical update for psychiatrists** *PSYCHIATRIC TIMES*
  Froehlich, W., Fung, L. K.
  2012; 29 (11)

- **Discovery of N-(1-Ethylpropyl)-(3-methoxy-5-(2-methoxy-4-trifluoromethoxyphenyl)-6-methyl-pyrazin-2-yl)amine 59 (NGD 98-2): An Orally Active Corticotropin Releasing Factor-1 (CRF-1) Receptor Antagonist** *JOURNAL OF MEDICINAL CHEMISTRY*
  Hodgetts, K. J., Ge, P., Yoon, T., De Lombaert, S., Brodbeck, R., Gulianello, M., Kieltyka, A., Horvath, R. F., Kehne, J. H., Krause, J. E., Maynard, G. D., Hoffman, D., Lee, et al
  2011; 54 (12): 4187-4206

- **Risperidone: Switching from Brand Name to Generic** *JOURNAL OF CHILD AND ADOLESCENT PSYCHOPHARMACOLOGY*
  Hardan, A. Y., Fung, L. K., Amin, H.
  2010; 20 (5): 457-458

- **Adjunctive use of lithium carbonate for the management of neutropenia in clozapine-treated children** *HUMAN PSYCHOPHARMACOLOGY-CLINICAL AND EXPERIMENTAL*
  Mattai, A., Fung, L., Bakalar, J., Overman, G., Tossell, J., Miller, R., Rapoport, J., Gogtay, N.
  2009; 24 (7): 584-589

- **Use of Lithium Carbonate in the Management of Clozapine-Induced Neutropenia in Childhood-Onset Schizophrenia**
  Mattai, A., Fung, L., Bakalar, J., Tossell, J., Miller, R., Rapoport, J., Gogtay, N.
  ELSEVIER SCIENCE INC.2009: 212S

- **Aminoquinazolines as TRPV1 antagonists: Modulation of drug-like properties through the exploration of 2-position substitution** *BIOORGANIC & MEDICINAL CHEMISTRY LETTERS*
  Blum, C. A., Zheng, X., Brielmann, H., Hodgetts, K. J., Bakthavatchalam, R., Chandrasekhar, J., Krause, J. E., Cortright, D., Matson, D., Crandall, M., Ngo, C. K., Fung, L., Day, et al
  2008; 18 (16): 4573-4577

- **Synthesis and structure-activity relationship of imidazo[1,2-a]benzimidazoles as corticotropin-releasing factor 1 receptor antagonists** *BIOORGANIC & MEDICINAL CHEMISTRY LETTERS*
  Han, X. J., Pin, S. S., Burris, K., Fung, L. K., Huang, S., Taber, M. T., Zhang, J., Dubowchik, G. M.
  2005; 15 (18): 4029-4032

- **Synthesis, structure-activity relationships, and anxiolytic activity of 7-aryl-6,7-dihydroimidazoimidazole corticotropin-releasing factor 1 receptor antagonists** *BIOORGANIC & MEDICINAL CHEMISTRY LETTERS*
  Han, X. J., Michne, J. A., Pin, S. S., Burris, K. D., Balanda, L. A., Fung, L. K., Fiedler, T., Browman, K. E., Taber, M. T., Zhang, J., Dubowchik, G. M.
  2005; 15 (17): 3870-3873

- **2-arylaminothiazoles as high-affinity corticotropin-releasing factor 1 receptor (CRF1R) antagonists: Synthesis, binding studies and behavioral efficacy** *BIOORGANIC & MEDICINAL CHEMISTRY LETTERS*
  Dubowchik, G. M., Michne, J. A., Zuev, D., Schwartz, W., Scola, P. M., James, C. A., Ruediger, E. H., Pin, S. S., Burris, K. D., Balanda, L. A., Gao, Q., Wu, D. D., Fung, et al
  2003; 13 (22): 3997-4000

- **Shift in pH of biological fluids during storage and processing: effect on bioanalysis** *JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS*
  Fura, A., Harper, T. W., Zhang, H. J., Fung, L., Shyu, W. C.

2003; 32 (3): 513-522

- **Pharmacokinetics of interstitial delivery of carmustine, 4-hydroperoxycyclophosphamide, and paclitaxel from a biodegradable polymer implant in the monkey brain** *CANCER RESEARCH*
  Fung, L. K., Ewend, M. G., Sills, A., Sipos, E. P., Thompson, R., Watts, M., Colvin, O. M., Brem, H., Saltzman, W. M.
  1998; 58 (4): 672-684

- **Polymeric implants for cancer chemotherapy.** *Advanced drug delivery reviews*
  Saltzman, W. M., Fung, L. K.
  1997; 26 (2-3): 209-230

- **Chemotherapeutic drugs released from polymers: Distribution of 1,3-bis(2-chloroethyl)-1-nitrosourea in the rat brain** *PHARMACEUTICAL RESEARCH*
  Fung, L. K., Shin, M., Tyler, B., Brem, H., Saltzman, W. M.
  1996; 13 (5): 671-682

- **Distribution of 1,3-bis(2-chloroethyl)-1-nitrosourea and tracers in the rabbit brain after interstitial delivery by biodegradable polymer implants** *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS*
  Strasser, J. F., Fung, L. K., Eller, S., Grossman, S. A., Saltzman, W. M.
  1995; 275 (3): 1647-1655

- **Distribution of drugs following controlled delivery to the brain interstitium** *JOURNAL OF NEURO-ONCOLOGY*
  Mak, M., Fung, L., Strasser, J. F., Saltzman, W. M.
  1995; 26 (2): 91-102