



## Andrew R. Hoffman

Professor of Medicine (Endocrinology), Emeritus  
Medicine - Endocrinology, Gerontology, & Metabolism

### CLINICAL OFFICE (PRIMARY)

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### Bio

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#### BIO

Dr. Andrew Hoffman is a board certified endocrinologist who specializes in the treatment pituitary and other neuroendocrine diseases, including acromegaly, Cushing syndrome, prolactinomas and other pituitary tumors.

#### CLINICAL FOCUS

- Neuroendocrinology
- Endocrinology
- Diabetes and Metabolism

#### ACADEMIC APPOINTMENTS

- Professor Emeritus, Medicine - Endocrinology, Gerontology, & Metabolism
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

#### PROFESSIONAL EDUCATION

- Medical Education: Stanford University School of Medicine (1976) CA
- Fellowship: National Institutes of Health - Office of Education (1980) MD
- Residency: Massachusetts General Hospital Internal Medicine Residency (1978) MA
- Internship: Massachusetts General Hospital Internal Medicine Residency (1977) MA
- Board Certification: Endocrinology, Diabetes and Metabolism, American Board of Internal Medicine (1981)
- Fellowship: Massachusetts General Hospital (1982) MA
- Board Certification: Internal Medicine, American Board of Internal Medicine (1979)
- BA, University of Michigan , History (1971)
- MD, Stanford , Medicine (1976)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

The laboratory is interested in examining the role of insulin-like growth factors (IGF) in normal physiology and in oncogenesis. We are studying the molecular biology of IGF with an emphasis on long range chromatin interactions.

## Teaching

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### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cancer Biology (Phd Program)

## Publications

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### PUBLICATIONS

- **Economic burden of growth hormone deficiency among adults who are at risk for and who have confirmed growth hormone deficiency using US real-world data.** *Journal of medical economics*  
Hoffman, A. R., Raveendran, S., Manjelienskaia, J., Komirenko, A. S., Winer, I., Cheng, J., Winer-Jones, J. P., Bonafede, M., Miner, P., Smith, A. R. 2025; 28 (1): 1322-1333
- **LncRNA Osilr9 coordinates promoter DNA demethylation and the intrachromosomal loop structure required for maintaining stem cell pluripotency.** *Molecular therapy : the journal of the American Society of Gene Therapy*  
Zhu, Y., Yan, Z., Fu, C., Wen, X., Jia, L., Zhou, L., Du, Z., Wang, C., Wang, Y., Chen, J., Nie, Y., Wang, W., Cui, et al 2022
- **Tracking and Cumulative Lifetime Exposure to IGF-I in 6,459 Healthy Individuals and in SGA Children Treated with GH.** *The Journal of clinical endocrinology and metabolism*  
Kjaer, A. S., Jensen, R. B., Petersen, J. H., Linneberg, A., Karhus, L. L., Henriksen, L. S., Johannsen, T. H., Main, K. M., Hoffman, A. R., Juul, A. 2022
- **Pluripotency exit is guided by the Pein1-mediated disruption of intrachromosomal architecture.** *The Journal of cell biology*  
Wang, Y., Jia, L., Wang, C., Du, Z., Zhang, S., Zhou, L., Wen, X., Li, H., Chen, H., Nie, Y., Li, D., Liu, S., Figueroa, et al 2022; 221 (4)
- **Chromatin lncRNA Platr10 controls stem cell pluripotency by coordinating an intrachromosomal regulatory network.** *Genome biology*  
Du, Z., Wen, X., Wang, Y., Jia, L., Zhang, S., Liu, Y., Zhou, L., Li, H., Yang, W., Wang, C., Chen, J., Hao, Y., Chen, et al 2021; 22 (1): 233
- **Nuclear-Encoded lncRNA MALAT1 Epigenetically Controls Metabolic Reprogramming in HCC Cells through the Mitophagy Pathway.** *Molecular therapy. Nucleic acids*  
Zhao, Y., Zhou, L., Li, H., Sun, T., Wen, X., Li, X., Meng, Y., Li, Y., Liu, M., Liu, S., Kim, S., Xiao, J., Li, et al 2021; 23: 264–76
- **Profiling the long noncoding RNA interaction network in the regulatory elements of target genes by chromatin in situ reverse transcription sequencing.** *Genome research*  
Zhang, S., Wang, Y., Jia, L., Wen, X., Zhonghua, D., Wang, C., Hao, Y., Yu, D., Zhou, L., Chen, N., Chen, J., Chen, H., Zhang, et al 2019
- **Management of Incidental Pituitary Findings on CT, MRI, and F-18-Fluorodeoxyglucose PET: A White Paper of the ACR Incidental Findings Committee** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*  
Hoang, J. K., Hoffman, A. R., Gonzalez, R., Wintermark, M., Glenn, B. J., Pandharipande, P. V., Berland, L. L., Seidenwurm, D. J. 2018; 15 (7): 966–72
- **Mitochondrial peptides modulate mitochondrial function during cellular senescence** *AGING-US*  
Kim, S., Mehta, H. H., Wan, J., Kuehnemann, C., Chen, J., Hu, J., Hoffman, A. R., Cohen, P. 2018; 10 (6): 1239–56

- **AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS AND AMERICAN COLLEGE OF ENDOCRINOLOGY DISEASE STATE CLINICAL REVIEW: DIAGNOSIS OF RECURRENCE IN CUSHING DISEASE** *ENDOCRINE PRACTICE*  
Fleseriu, M., Hamrahian, A. H., Hoffman, A. R., Kelly, D. F., Katznelson, L.  
2016; 22 (12): 1436-1448
- **Loss of insulin-like growth factor II imprinting is a hallmark associated with enhanced chemo/radiotherapy resistance in cancer stem cells** *ONCOTARGET*  
Zhao, X., Liu, X., Wang, G., Wen, X., Zhang, X., Hoffman, A. R., Li, W., Hu, J., Cui, J.  
2016; 7 (32): 51349-51364
- **Long noncoding RNA-mediated intrachromosomal interactions promote imprinting at the Kcnq1 locus** *JOURNAL OF CELL BIOLOGY*  
Zhang, H., Zeitz, M. J., Wang, H., Niu, B., Ge, S., Li, W., Cui, J., Wang, G., Qian, G., Higgins, M. J., Fan, X., Hoffman, A. R., Hu, et al  
2014; 204 (1): 61-75
- **Implications of COMT long-range interactions on the phenotypic variability of 22q11.2 deletion syndrome.** *Nucleus (Austin, Tex.)*  
Zeitz, M. J., Lerner, P. P., Ay, F., Van Nostrand, E., Heidmann, J. D., Noble, W. S., Hoffman, A. R.  
2013; 4 (6): 487-493
- **Genomic Interaction Profiles in Breast Cancer Reveal Altered Chromatin Architecture** *PLOS ONE*  
Zeitz, M. J., Ay, F., Heidmann, J. D., Lerner, P. L., Noble, W. S., Steelman, B. N., Hoffman, A. R.  
2013; 8 (9)
- **Intrachromosomal Looping Is Required for Activation of Endogenous Pluripotency Genes during Reprogramming** *CELL STEM CELL*  
Zhang, H., Jiao, W., Sun, L., Fan, J., Chen, M., Wang, H., Xu, X., Shen, A., Li, T., Niu, B., Ge, S., Li, W., Cui, et al  
2013; 13 (1): 30-35
- **Interruption of intrachromosomal looping by CCCTC binding factor decoy proteins abrogates genomic imprinting of human insulin-like growth factor II** *JOURNAL OF CELL BIOLOGY*  
Zhang, H., Niu, B., Hu, J., Ge, S., Wang, H., Li, T., Ling, J., Steelman, B. N., Qian, G., Hoffman, A. R.  
2011; 193 (3): 475-487
- **Systematic review: The safety and efficacy of growth hormone in the healthy elderly** *ANNALS OF INTERNAL MEDICINE*  
Liu, H., Bravata, D. M., Olkin, I., Nayak, S., Roberts, B., Garber, A. M., Hoffman, A. R.  
2007; 146 (2): 104-115
- **CTCF mediates interchromosomal colocalization between Igf2/H19 and Wsb1/Nf1** *SCIENCE*  
Ling, J. Q., Li, T., Hu, J. F., Vu, T. H., Chen, H. L., Qiu, X. W., Cherry, A. M., Hoffman, A. R.  
2006; 312 (5771): 269-272
- **A methylated oligonucleotide inhibits IGF2 expression and enhances survival in a model of hepatocellular carcinoma** *JOURNAL OF CLINICAL INVESTIGATION*  
Yao, X. M., Hu, J. F., Daniels, M., Shiran, H., Zhou, X. J., Yan, H. F., Lu, H. Q., Zeng, Z. L., Wang, Q. X., Li, T., Hoffman, A. R.  
2003; 111 (2): 265-273
- **Imprinting of the Angelman syndrome gene, UBE3A, is restricted to brain** *NATURE GENETICS*  
Vu, T. H., Hoffman, A. R.  
1997; 17 (1): 12-13
- **PROMOTER-SPECIFIC IMPRINTING OF THE HUMAN INSULIN-LIKE GROWTH FACTOR-II GENE** *NATURE*  
Vu, T. H., Hoffman, A. R.  
1994; 371 (6499): 714-717
- **Association of insulin resistance and fracture risk in the Osteoporotic Fractures in Men (MrOS) cohort.** *Journal of the Endocrine Society*  
Ha, J., Lui, L. Y., Ensrud, K., Xiao, Q., Hoffman, A. R., Wu, J. Y.  
2026; 10 (6): bvag101
- **<i>LINC02470</i> impairs natural killer cell cytotoxicity by epigenetically targeting the natural cytotoxicity triggering receptor 1** *FRONTIERS IN IMMUNOLOGY*  
Shi, X., Zhou, L., Li, M., Wen, X., Chen, Y., Niu, C., Yin, Q., Jin, H., Hoffman, A. R., Cui, J., Gao, S., Hu, J.  
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- **LINC02470 impairs natural killer cell cytotoxicity by epigenetically targeting the natural cytotoxicity triggering receptor 1.** *Frontiers in immunology*  
Shi, X., Zhou, L., Li, M., Wen, X., Chen, Y., Niu, C., Yin, Q., Jin, H., Hoffman, A. R., Cui, J., Gao, S., Hu, J. F.  
2026; 17: 1627089
- **Mitochondria-specific targeting of noncanonical EGR1 ntmRNA-coordinated mitophagy receptor BNIP3 homodimerization disrupts mitochondrial metabolism and suppresses hepatocellular carcinoma growth in vitro and in vivo.** *Theranostics*  
Li, Y., Zhou, L., Liu, M., Li, H., Meng, Y., Wen, X., Zhao, Y., Liu, S., Yan, Z., Fu, C., Zong, S., Li, W., Hoffman, et al  
2026; 16 (4): 1681-1700
- **The Associations of Sarcopenia Components with Cognitive Function among Older Men in the Osteoporotic Fractures in Men (MrOS) Study**  
Eltoum, A., Zayzafoon, A., Gold, L. S., Ensrud, K. E., Hoffman, A. R., Yaffe, K., Cawthon, P. M., Andrews, J. S.  
OXFORD UNIV PRESS.2025
- **Trends In Reported Outcomes For Growth Hormone Therapy In Children With Growth Hormone Deficiency.** *The Journal of clinical endocrinology and metabolism*  
Tseretopoulou, X., Chen, J., Lucas-Herald, A., Charmandari, E., Choi, J. H., Dou, X., Hamza, R., Harvey, J., Hoffman, A. R., Horikawa, R., Johannsson, G., de Lima Jorge, A. A., Miller, et al  
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- **Development of a Minimum Dataset for the Global Monitoring of the Safety and Efficacy of Growth Hormone Replacement in Adults With Growth Hormone Deficiency (AGHD).** *Clinical endocrinology*  
Chen, S. C., Lucas-Herald, A. K., Tang, R., Tseretopoulou, X., Alimussina, M., Andrews, D., Biller, B. M., Boguszewski, C. L., Bryce, J., Chen, M., Clayton, P. E., Fleseriu, M., Gebauer, et al  
2025
- **Prevalence, Treatment Patterns, and Characteristics of US Adults with Confirmed or at Risk for Growth Hormone Deficiency.** *Advances in therapy*  
Hoffman, A. R., Raveendran, S., Manjelievskaia, J., Komirenko, A. S., Winer, I., Cheng, J., Bonafede, M., Winer-Jones, J. P., Miner, P., Smith, A. R.  
2025
- **CircARAP2 controls sMICA-induced NK cell desensitization by erasing CTCF/PRC2-induced suppression in early endosome marker RAB5A.** *Cellular and molecular life sciences : CMLS*  
Guo, F., Du, N., Wen, X., Li, Z., Guo, Y., Zhou, L., Hoffman, A. R., Li, L., Hu, J., Cui, J.  
2024; 81 (1): 307
- **Difference between kidney function by cystatin C versus creatinine and association with muscle mass and frailty.** *Journal of the American Geriatrics Society*  
Yuan, J. H., Rifkin, D. E., Ginsberg, C., Cawthon, P. M., Kado, D. M., Bauer, S. R., Ensrud, K. E., Hoffman, A. R., Potok, O. A.  
2024
- **Replacing sedentary time for physical activity: Does intensity matter for body composition in oldest-old adults?** *Journal of sports sciences*  
Hetherington-Rauth, M., Webber, K., Roe, L. S., Hoffman, A. R., Kado, D., Langsetmo, L., Orwoll, E. S., Cawthon, P.  
2024: 1-10
- **Profiling the role of m6A effectors in the regulation of pluripotent reprogramming.** *Human genomics*  
Wang, W., Zhou, L., Li, H., Sun, T., Wen, X., Li, W., Esteban, M. A., Hoffman, A. R., Hu, J., Cui, J.  
2024; 18 (1): 33
- **Medical Costs Associated with High/Moderate/Low Likelihood of Adult Growth Hormone Deficiency: A Healthcare Claims Database Analysis.** *ClinicoEconomics and outcomes research : CEOR*  
Yuen, K. C., Blevins, L. S., Clemmons, D. R., Faurby, M., Hoffman, A. R., Kelepouris, N., Kerr, J. M., Tarp, J. M., Fleseriu, M.  
2024; 16: 133-147
- **Profiling mitochondria-polyribosome lncRNAs associated with pluripotency.** *Scientific data*  
Zhou, L., Li, H., Sun, T., Wen, X., Niu, C., Li, M., Li, W., Esteban, M. A., Hoffman, A. R., Hu, J., Cui, J.  
2023; 10 (1): 755
- **Development of A Minimum Dataset for the Monitoring of Recombinant Human Growth Hormone (rhGH) Therapy Use in Children with Growth Hormone Deficiency (GHD) - A GloBE-Reg Initiative** *HORMONE RESEARCH IN PAEDIATRICES*

- Chen, S., Bryce, J., Chen, M., Charmandari, E., Choi, J., Dou, X., Gong, C., Hamza, R., Harvey, J., Hoffman, A. R., Horikawa, R., Johannson, G., Jorge, et al  
2023
- **A systematic review of core outcomes reported in clinical trials of growth hormone therapy in children with growth hormone deficiency**  
Tseretopoulou, X., Lucas-Herald, A., Chen, J., Bacheaga, T., Charmandari, E., Choi, J., Dou, X., Gong, C., Hamza, R., Harvey, J., Hoffman, A. R., Horikawa, R., Johannsson, et al  
KARGER.2023: 323
  - **Development of A Minimum Data Set for A Growth Hormone Module For Pediatric Growth Hormone Deficiency In The Global Registry For Novel Therapies In Rare Bone & Endocrine Conditions - The GloBE-Reg GH Study**  
Miller, B. S., Chen, S., Charmandari, E., Choi, J., Dou, X., Gong, C., Hamza, R., Harvey, J., Hoffman, A. R., Horikawa, R., Johannsson, G., Jorge, A., Miller, et al  
KARGER.2023: 200-201
  - **Chromatin-RNA in situ Reverse Transcription Sequencing (CRIST-seq) Approach to Profile the Non-coding RNA Interaction Network. *Bio-protocol***  
Zhang, S., Wen, X., Zhou, L., Li, H., Li, W., Hoffman, A. R., Hu, J., Cui, J.  
2023; 13 (14): e4718
  - **CAN MUSCLE MASS EXPLAIN THE RELATIONSHIP BETWEEN EGFRDIFF (=EGFRCYSEGFRCR) AND FRAILITY IN OLDER MEN?**  
Yuan, J. H., Rifkin, D. E., Ginsberg, C., Cawthon, P., Kado, D. M., Bauer, S. R., Ensrud, K., Hoffman, A., Potok, O.  
W B SAUNDERS CO-ELSEVIER INC.2023: S127
  - **Growth Hormone Deficiency Following Traumatic Brain Injury in Pediatric and Adolescent Patients: Presentation, Treatment, and Challenges of Transitioning From Pediatric to Adult Services. *Journal of neurotrauma***  
Wexler, T., Reifschneider, K., Backeljauw, P., Cardenas, J. F., Hoffman, A. R., Miller, B. S., Yuen, K. C.  
2023
  - **Development of a minimum data set for the monitoring of recombinant human growth hormone (rhGH) therapy in children with growth hormone deficiency (GHD)- a globe-reg initiative**  
Chen, S., Charmandari, E., Choi, J., Dou, X., Gong, C., Hamza, R., Harvey, J., Hoffman, A. R., Horikawa, R., Johannson, G., Jorje, A., Miller, B., Savendahl, et al  
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  - **Erratum: Genome-wide target interactome profiling reveals a novelEEF1A1epigenetic pathway for oncogenic lncRNAMALAT1in breast cancer. *American journal of cancer research***  
Li, X., Chen, N., Zhou, L., Wang, C., Wen, X., Jia, L., Cui, J., Hoffman, A. R., Hu, J., Li, W.  
2023; 13 (9): 4490-4491
  - **Eukaryotic translation initiation factor eIF4G2 opens novel paths for protein synthesis in development, apoptosis and cell differentiation. *Cell proliferation***  
Liu, Y., Cui, J., Hoffman, A. R., Hu, J.  
2022: e13367
  - **Intrachromosomal Looping and Histone K27 Methylation Coordinately Regulates the lncRNA H19-Fetal Mitogen IGF2 Imprinting Cluster in the Decidual Microenvironment of Early Pregnancy. *Cells***  
Wen, X., Zhang, Q., Zhou, L., Li, Z., Wei, X., Yang, W., Zhang, J., Li, H., Xu, Z., Cui, X., Zhang, S., Wang, Y., Li, et al  
2022; 11 (19)
  - **HULC targets the IGF1R-PI3K-AKT axis in trans to promote breast cancer metastasis and cisplatin resistance. *Cancer letters***  
Zhou, L., Li, H., Sun, T., Wen, X., Niu, C., Li, M., Li, W., Hoffman, A. R., Hu, J., Cui, J.  
2022: 215861
  - **A consensus on optimization of care in patients with growth hormone deficiency and mild traumatic brain injury. *Growth hormone & IGF research : official journal of the Growth Hormone Research Society and the International IGF Research Society***  
Yuen, K. C., Masel, B., Jaffee, M. S., O'Shanick, G., Wexler, T. L., Reifschneider, K., Urban, R. J., Hoang, S., Kelepouris, N., Hoffman, A. R.  
2022; 66: 101495
  - **Adult Growth Hormone Deficiency: Diagnostic and Treatment Journeys From the Patients' Perspective. *Journal of the Endocrine Society***  
Hoffman, A. R., Mathison, T., Andrews, D., Murray, K., Kelepouris, N., Fleseriu, M.

2022; 6 (7): bvac077

- **Development of a Novel Algorithm to Identify People with High Likelihood of Adult Growth Hormone Deficiency in a US Healthcare Claims Database.** *International journal of endocrinology*  
Yuen, K. C., Birkegard, A. C., Blevins, L. S., Clemmons, D. R., Hoffman, A. R., Kelepouris, N., Kerr, J. M., Tarp, J. M., Fleseriu, M.  
2022; 2022: 7853786
- **Prospective intraoperative and histologic evaluation of cavernous sinus medial wall invasion by pituitary adenomas and its implications for acromegaly remission outcomes.** *Scientific reports*  
Mohyeldin, A., Katznelson, L. J., Hoffman, A. R., Asmaro, K., Ahmadian, S. S., Eltobgy, M. M., Nayak, J. V., Patel, Z. M., Hwang, P. H., Fernandez-Miranda, J. C.  
2022; 12 (1): 9919
- **Association Between Muscle Mass Determined by D3 -Creatine Dilution and Incident Fractures in a Prospective Cohort Study of Older Men.** *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*  
Cawthon, P. M., Peters, K. E., Cummings, S. R., Orwoll, E. S., Hoffman, A. R., Ensrud, K. E., Cauley, J. A., Evans, W. J., Osteoporotic Fractures in Men (MrOS) Study Research Group  
2022
- **Safety of growth hormone replacement in survivors of cancer and intra-cranial and pituitary tumours - A consensus statement.** *European journal of endocrinology*  
Boguszewski, M. C., Boguszewski, C. L., Chemaitilly, W., Cohen, L. E., Gebauer, J., Higham, C., Hoffman, A. R., Polak, M., Yuen, K. C., Alos, N., Antal, Z., Bidlingmaier, M., Biller, et al  
2022
- **Hearing Dysfunction After Treatment with Teprotumumab for Thyroid Eye Disease.** *American journal of ophthalmology*  
Sears, C. M., Azad, A. D., Amariqwa, L., Pham, B. H., Men, C. J., Kaplan, D. N., Liu, J., Hoffman, A. R., Swanson, A., Alyono, J., Lee, J. Y., Dosiou, C., Kossler, et al  
2022
- **Lower urinary tract symptoms and incident functional limitations among older community-dwelling men.** *Journal of the American Geriatrics Society*  
Bauer, S. R., Cawthon, P. M., Ensrud, K. E., Suskind, A. M., Newman, J. C., Fink, H. A., Lu, K., Scherzer, R., Hoffman, A. R., Covinsky, K., Marshall, L. M., Osteoporotic Fractures in Men (MrOS) Research Group  
1800
- **Corrigendum to: CT Muscle Density, D3Cr Muscle Mass, and Body Fat Associations With Physical Performance, Mobility Outcomes, and Mortality Risk in Older Men.** *The journals of gerontology. Series A, Biological sciences and medical sciences*  
Orwoll, E. S., Blackwell, T., Cummings, S. R., Cauley, J. A., Lane, N. E., Hoffman, A. R., Burghardt, A. J., Evans, W. J., Cawthon, P. M.  
1800
- **Author Correction: Chromatin lncRNA Platr10 controls stem cell pluripotency by coordinating an intrachromosomal regulatory network.** *Genome biology*  
Du, Z., Wen, X., Wang, Y., Jia, L., Zhang, S., Liu, Y., Zhou, L., Li, H., Yang, W., Wang, C., Chen, J., Hao, Y., Salgado Figueroa, et al  
2021; 22 (1): 272
- **CT muscle density, D3Cr muscle mass and body fat associations with physical performance, mobility outcomes and mortality risk in older men.** *The journals of gerontology. Series A, Biological sciences and medical sciences*  
Orwoll, E., Blackwell, T., Cummings, S. R., Cauley, J. A., Lane, N. E., Hoffman, A. R., Burghardt, A. J., Evans, W. J., Cawthon, P. M., Osteoporotic Fractures in Men Study (MrOS) Research Group  
2021
- **The Nucleus/Mitochondria-Shuttling LncRNAs Function as New Epigenetic Regulators of Mitophagy in Cancer** *FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY*  
Li, Y., Li, W., Hoffman, A. R., Cui, J., Hu, J.  
2021; 9: 699621
- **Association of decreased sperm motility and increased seminal plasma IGF-I, IGF-II, IGFBP-2, and PSA levels in infertile men.** *Endocrine*  
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2021

- **Height Loss in Old Age and Fracture Risk Among Men in Late Life: A Prospective Cohort Study.** *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*  
Ensrud, K. E., Schousboe, J. T., Kats, A. M., Vo, T. N., Taylor, B. C., Cawthon, P. M., Cauley, J. A., Lane, N. E., Hoffman, A. R., Langsetmo, L., Osteoporotic Fractures in Men (MrOS) Research Group  
2021
- **Usefulness and Potential Pitfalls of Long-Acting Growth Hormone Analogs.** *Frontiers in endocrinology*  
Yuen, K. C., Miller, B. S., Boguszewski, C. L., Hoffman, A. R.  
2021; 12: 637209
- **Corrigendum: Usefulness and Potential Pitfalls of Long-Acting Growth Hormone Analogues.** *Frontiers in endocrinology*  
Yuen, K. C., Miller, B. S., Boguszewski, C. L., Hoffman, A. R.  
2021; 12: 705241
- **Pituitary Neoplasm Nomenclature Workshop: Does Adenoma Stand the Test of Time?** *Journal of the Endocrine Society*  
Ho, K. n., Flaseriu, M. n., Kaiser, U. n., Salvatori, R. n., Brue, T. n., Lopes, M. B., Kunz, P. n., Molitch, M. n., Camper, S. A., Gadelha, M. n., Syro, L. V., Laws, E. n., Reincke, et al  
2021; 5 (3): bvaa205
- **Height Loss in Old Age and Hip Fracture Risk Among Men in Late Life: Findings from the Osteoporotic Fractures in Men (MrOS) Study**  
Ensrud, K., Schousboe, J., Kats, A., Tien Vo, Taylor, B., Cawthon, P., Cauley, J., Lane, N., Hoffman, A., Langsetmo, L.  
WILEY.2020: 215
- **Frailty Phenotype and Healthcare Costs and Utilization in Older Men.** *Journal of the American Geriatrics Society*  
Ensrud, K. E., Kats, A. M., Schousboe, J. T., Taylor, B. C., Vo, T. N., Cawthon, P. M., Hoffman, A. R., Langsetmo, L., Osteoporotic Fractures in Men Study (MrOS)  
2020
- **Individual and joint trajectories of change in bone, lean mass and physical performance in older men.** *BMC geriatrics*  
Cawthon, P. M., Parimi, N., Langsetmo, L., Cauley, J. A., Ensrud, K. E., Cummings, S. R., Lane, N. E., Hoffman, A. R., Lapidus, J., Gill, T. M., McCulloch, C. E., Stefanick, M. L., Kado, et al  
2020; 20 (1): 161
- **Endogenous Testosterone Levels and the Risk of Incident Cardiovascular Events in Elderly Men: The MrOS Prospective Study.** *Journal of the Endocrine Society*  
Collet, T., Ewing, S. K., Ensrud, K. E., Laughlin, G. A., Hoffman, A. R., Varosy, P. D., Stefanick, M. L., Stone, K. L., Orwoll, E., Bauer, D. C.  
2020; 4 (5): bvaa038
- **Osblr8 orchestrates intrachromosomal loop structure required for maintaining stem cell pluripotency.** *International journal of biological sciences*  
Zhu, Y., Yan, Z., Du, Z., Zhang, S., Fu, C., Meng, Y., Wen, X., Wang, Y., Hoffman, A. R., Hu, J. F., Cui, J., Li, W.  
2020; 16 (11): 1861-1875
- **Physical Activity Trajectories and Associated Changes in Physical Performance in Older Men: The MrOS Study.** *The journals of gerontology. Series A, Biological sciences and medical sciences*  
Laddu, D., Parimi, N., Stone, K. L., Lapidus, J., Hoffman, A. R., Stefanick, M., Langsetmo, L., Osteoporotic Fractures in Men (MrOS) Study Research Group  
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- **Treatment of the adult growth hormone deficiency syndrome with growth hormone: What are the implications for other hormone replacement therapies for hypopituitarism?** *Growth hormone & IGF research : official journal of the Growth Hormone Research Society and the International IGF Research Society*  
Fierro, G., Hoffman, A. R.  
2020; 52: 101316
- **Genome-wide interaction target profiling reveals a novel Peblr20-eRNA activation pathway to control stem cell pluripotency** *THERANOSTICS*  
Wang, C., Jia, L., Wang, Y., Du, Z., Zhou, L., Wen, X., Li, H., Zhang, S., Chen, H., Chen, N., Chen, J., Zhu, Y., Nie, et al  
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