



Andrew R. Hoffman

Professor of Medicine (Endocrinology)

Medicine - Endocrinology, Gerontology, & Metabolism

 NIH Biosketch available Online

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Stanford Cancer Center Neuro-Oncology Clinic**

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Bio

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

ADMINISTRATIVE APPOINTMENTS

- Member, Stanford Diabetes Research Center, (2017- present)
- Vice Chair for Academic Affairs, Department of Medicine, Stanford, (2004- present)

PROFESSIONAL EDUCATION

- 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
- Medical Education: Stanford University School of Medicine Registrar (1976) CA
- 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

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

COURSES

2019-20

- Hormones in a Performance-Enhanced Society: MED 71N (Win)

2018-19

- Hormones in a Performance-Enhanced Society: MED 71N (Win)

2017-18

- Hormones in a Performance-Enhanced Society: MED 71N (Win)

2016-17

- Hormones in a Performance-Enhanced Society: MED 71N (Win)

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cancer Biology (Phd Program)

Publications

PUBLICATIONS

- **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*
Flseriu, 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
- **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
2020; 10 (1): 353-70
- **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
2020; 10 (1): 353-70
- **AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS AND AMERICAN COLLEGE OF ENDOCRINOLOGY GUIDELINES FOR MANAGEMENT OF GROWTH HORMONE DEFICIENCY IN ADULTS AND PATIENTS TRANSITIONING FROM PEDIATRIC TO ADULT CARE 2019 AACE GROWTH HORMONE TASK FORCE** *ENDOCRINE PRACTICE*
Yuen, K. J., Biller, B. K., Radovick, S., Carmichael, J. D., Jasim, S., Pantalone, K. M., Hoffman, A. R.
2019; 25 (11): 1191-1232
- **Perspectives on long-acting growth hormone therapy in children and adults.** *Archives of endocrinology and metabolism*
Lal, R. A., Hoffman, A. R.
2019; 63 (6): 601-7

- **Association of change in muscle mass assessed by D3 -creatine dilution with changes in grip strength and walking speed.** *Journal of cachexia, sarcopenia and muscle*
Duchowny, K. A., Peters, K. E., Cummings, S. R., Orwoll, E. S., Hoffman, A. R., Ensrud, K. E., Cauley, J. A., Evans, W. J., Cawthon, P. M., Osteoporotic Fractures in Men (MrOS) Study Research Group
2019
- **Effect of MALAT1 in the crosstalk between nucleus and mitochondria on mitochondria! reprogramming in hepatocellular carcinoma cells**
Zhao, Y., Cui, J., Hu, J., Hoffman, A. R.
AMER SOC CLINICAL ONCOLOGY.2019
- **Granular Cell Pituitary Tumor in a Patient with Multiple Endocrine Neoplasia-1** *CUREUS*
Pendharkar, A., Lin, C., Born, D. E., Hoffman, A. R., Dodd, R. L.
2019; 11 (4)
- **Granular Cell Pituitary Tumor in a Patient with Multiple Endocrine Neoplasia-1.** *Cureus*
Pendharkar, A. V., Lin, C. Y., Born, D. E., Hoffman, A. R., Dodd, R. L.
2019; 11 (4): e4541
- **Diagnosis, Genetics, and Therapy of Short Stature in Children: A Growth Hormone Research Society International Perspective.** *Hormone research in paediatrics*
Collett-Solberg, P. F., Ambler, G., Backeljauw, P. F., Bidlingmaier, M., Biller, B. M., Boguszewski, M. C., Cheung, P. T., Choong, C. S., Cohen, L. E., Cohen, P., Dauber, A., Deal, C. L., Gong, et al
2019: 1–14
- **Profiling the epigenetic interplay of lncRNA RUNXOR and oncogenic RUNX1 in breast cancer cells by gene in situ cis-activation.** *American journal of cancer research*
Nie, Y., Zhou, L., Wang, H., Chen, N., Jia, L., Wang, C., Wang, Y., Chen, J., Wen, X., Niu, C., Li, H., Guo, R., Zhang, et al
2019; 9 (8): 1635–49
- **Profiling the epigenetic interplay of lncRNA RUNXOR and oncogenic RUNX1 in breast cancer cells by gene in situ cis-activation** *AMERICAN JOURNAL OF CANCER RESEARCH*
Nie, Y., Zhou, L., Wang, H., Chen, N., Jia, L., Wang, C., Wang, Y., Chen, J., Wen, X., Niu, C., Li, H., Guo, R., Zhang, et al
2019; 9 (8): 1635+
- **Aberrant shuttling of long noncoding RNAs during the mitochondria-nuclear crosstalk in hepatocellular carcinoma cells.** *American journal of cancer research*
Zhao, Y., Liu, S., Zhou, L., Li, X., Meng, Y., Li, Y., Li, L., Jiao, B., Bai, L., Yu, Y., Zhang, S., Li, W., Hoffman, et al
2019; 9 (5): 999–1008
- **Genome-wide target interactome profiling reveals a novel EEF1A1 epigenetic pathway for oncogenic lncRNA MALAT1 in 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. F., Li, W.
2019; 9 (4): 714–29
- **Genome-wide target interactome profiling reveals a novel EEF1A1 epigenetic pathway for oncogenic lncRNA MALAT1 in 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.
2019; 9 (4): 714+
- **Aberrant shuttling of long noncoding RNAs during the mitochondria-nuclear crosstalk in hepatocellular carcinoma cells** *AMERICAN JOURNAL OF CANCER RESEARCH*
Zhao, Y., Liu, S., Zhou, L., Li, X., Meng, Y., Li, Y., Li, L., Jiao, B., Bai, L., Yu, Y., Zhang, S., Li, W., Hoffman, et al
2019; 9 (5): 999+
- **Growth hormone therapy in children; research and practice - A review.** *Growth hormone & IGF research : official journal of the Growth Hormone Research Society and the International IGF Research Society*
Collett-Solberg, P. F., Jorge, A. A., Boguszewski, M. C., Miller, B. S., Choong, C. S., Cohen, P., Hoffman, A. R., Luo, X., Radovick, S., Saenger, P.
2018; 44: 20–32
- **A novel FLII exonic circular RNA promotes metastasis in breast cancer by coordinately regulating TET1 and DNMT1.** *Genome biology*
Chen, N., Zhao, G., Yan, X., Lv, Z., Yin, H., Zhang, S., Song, W., Li, X., Li, L., Du, Z., Jia, L., Zhou, L., Li, et al

2018; 19 (1): 218

- **Combined RNA-seq and RAT-seq mapping of long noncoding RNAs in pluripotent reprogramming** *SCIENTIFIC DATA*
Du, Z., Jia, L., Wang, Y., Wang, C., Wen, X., Chen, J., Zhu, Y., Yu, D., Zhou, L., Chen, N., Zhang, S., Celik, I., Ay, et al
2018; 5
- **Combined RNA-seq and RAT-seq mapping of long noncoding RNAs in pluripotent reprogramming.** *Scientific data*
Du, Z., Jia, L., Wang, Y., Wang, C., Wen, X., Chen, J., Zhu, Y., Yu, D., Zhou, L., Chen, N., Zhang, S., Celik, I., Ay, et al
2018; 5: 180255
- **Associations of Joint Trajectories of Appendicular Lean Mass and Grip Strength with Risk of Non-Spine Fractures**
Valderrabano, R., Parimi, N., Cawthon, P. M., Lee, J. S., Wu, J. Y., Hoffman, A. R., Stefanick, M. L.
WILEY.2018: 434
- **Muscle mass assessed by D3Cr dilution and incident fractures in older men**
Cawthon, P., Peters, K., Cummings, S., Orwoll, E., Hoffman, A., Ensrud, K., Cauley, J., Evans, W.
WILEY.2018: 14
- **Psychological effects of Dopamine Agonist Treatment in Patients with Hyperprolactinemia and Prolactin Secreting Adenomas.** *European journal of endocrinology*
Ioachimescu, A. G., Flaseriu, M., Hoffman, A. R., Vaughan Iii, T. B., Katznelson, L.
2018
- **Targeting the IGF1R Pathway in Breast Cancer Using Antisense lncRNA-Mediated Promoter cis Competition** *MOLECULAR THERAPY-NUCLEIC ACIDS*
Pian, L., Wen, X., Kang, L., Li, Z., Nie, Y., Du, Z., Yu, D., Zhou, L., Jia, L., Chen, N., Li, D., Zhang, S., Li, et al
2018; 12: 105–17
- **Associations Between Lean Mass, Muscle Strength and Power, and Skeletal Size, Density and Strength in Older Men** *JOURNAL OF BONE AND MINERAL RESEARCH*
Chalhoub, D., Boudreau, R., Greenspan, S., Newman, A. B., Zmuda, J., Frank-Wilson, A. W., Nagaraj, N., Hoffman, A. R., Lane, N. E., Stefanick, M. L., Barrett-Connor, E., Dam, T., Cawthon, et al
2018; 33 (9): 1612–21
- **Long-Acting Growth Hormone Preparations in the Treatment of Children.** *Pediatric endocrinology reviews : PER*
Lal, R. A., Hoffman, A. R.
2018; 16 (Suppl 1): 162–67
- **Central Obesity and Visceral Adipose Tissue Are Not Associated With Incident Atherosclerotic Cardiovascular Disease Events in Older Men.** *Journal of the American Heart Association*
Schousboe, J. T., Kats, A. M., Langsetmo, L., Vo, T. N., Taylor, B. C., Schwartz, A. V., Cawthon, P. M., Lewis, C. E., Barrett-Connor, E., Hoffman, A. R., Orwoll, E. S., Ensrud, K. E., Osteoporotic Fractures in Men (MrOS) Study Research Group
2018; 7 (16): e009172
- **Clinical and Immunohistochemical Analysis of Clinically Non-functional Pituitary Neuroendocrine Tumors**
Lavezo, J., Frankel, M., Balliu, B., Pan, J., Hoffman, A., Dodd, R., Harsh, G., Katznelson, L., Vogel, H.
OXFORD UNIV PRESS INC.2018: 518
- **Epigenetic Targeting of Granulin in Hepatoma Cells by Synthetic CRISPR dCas9 Epi-suppressors** *MOLECULAR THERAPY-NUCLEIC ACIDS*
Wang, H., Guo, R., Du, Z., Bai, L., Li, L., Cui, J., Li, W., Hoffman, A. R., Hu, J.
2018; 11: 23–33
- **Serum Sodium and Cognition in Older Community-Dwelling Men** *CLINICAL JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
Nowak, K. L., Yaffe, K., Orwoll, E. S., Ix, J. H., You, Z., Barrett-Connor, E., Hoffman, A. R., Chonchol, M.
2018; 13 (3): 366–74
- **Growth Hormone Research Society perspective on biomarkers of GH action in children and adults** *ENDOCRINE CONNECTIONS*
Johannsson, G., Bidlingmaier, M., Biller, B. K., Boguszewski, M., Casanueva, F. F., Chanson, P., Clayton, P. E., Choong, C. S., Clemmons, D., Dattani, M., Frystyk, J., Ho, K., Hoffman, et al
2018; 7 (3): R126–R134
- **Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*

- Eriksson, A. L., Perry, J. B., Coviello, A. D., Delgado, G. E., Ferrucci, L., Hoffman, A. R., Huhtaniemi, I. T., Ikram, M., Karlsson, M. K., Kleber, M. E., Laughlin, G. A., Liu, Y., Lorentzon, et al
2018; 103 (3): 991–1004
- **Vertebral Fracture Risk in Diabetic Elderly Men: The MrOS Study** *JOURNAL OF BONE AND MINERAL RESEARCH*
Napoli, N., Schwartz, A. V., Schafer, A. L., Vittinghoff, E., Cawthon, P. M., Parimi, N., Orwoll, E., Strotmeyer, E. S., Hoffman, A. R., Barrett-Connor, E., Black, D. M., Osteoporotic Fractures Men MrO
2018; 33 (1): 63–69
 - **Combined RNA-seq and RAT-seq mapping of long noncoding RNAs in pluripotent reprogramming.** *Scientific data*
Du, Z., Jia, L., Wang, Y., Wang, C., Wen, X., Chen, J., Zhu, Y., Yu, D., Zhou, L., Chen, N., Zhang, S., Celik, I., Ay, et al
2018; 5 (1): 180255
 - **Trajectories of the relationships of physical activity with body composition changes in older men: the MrOS study.** *BMC geriatrics*
Laddu, D. R., Cawthon, P. M., Parimi, N., Hoffman, A. R., Orwoll, E., Miljkovic, I., Stefanick, M. L.
2017; 17 (1): 119-?
 - **Low Testosterone, but Not Estradiol, Is Associated With Incident Falls in Older Men: The International MrOS Study** *JOURNAL OF BONE AND MINERAL RESEARCH*
Vandenput, L., Mellstrom, D., Laughlin, G. A., Cawthon, P. M., Cauley, J. A., Hoffman, A. R., Karlsson, M. K., Rosengren, B. E., Ljunggren, O., Nethander, M., Eriksson, A. L., Lorentzon, M., Leung, et al
2017; 32 (6): 1174–81
 - **A Case Report of Hypoglycemia and Hypogammaglobulinemia: DAVID syndrome in a patient with a novel NFKB2 mutation.** *journal of clinical endocrinology and metabolism*
Lal, R. A., Bachrach, L. K., Hoffman, A. R., Inlora, J., Rego, S., Snyder, M. P., Lewis, D. B.
2017
 - **Older Men with Anemia Have Increased Fracture Risk Independent of Bone Mineral Density.** *journal of clinical endocrinology and metabolism*
Valderrabano, R. J., Lee, J., Lui, L., Hoffman, A. R., Cummings, S. R., Orwoll, E. S., Wu, J. Y.
2017
 - **The Limited Clinical Utility of Testosterone, Estradiol, and Sex Hormone Binding Globulin Measurements in the Prediction of Fracture Risk and Bone Loss in Older Men** *JOURNAL OF BONE AND MINERAL RESEARCH*
Orwoll, E. S., Lapidus, J., Wang, P. Y., Vandenput, L., Hoffman, A., Fink, H. A., Laughlin, G. A., Nethander, M., Ljunggren, O., Kindmark, A., Lorentzon, M., Karlsson, M. K., Mellstrom, et al
2017; 32 (3): 633-640
 - **Daily Patterns of Accelerometer Activity Predict Changes in Sleep, Cognition, and Mortality in Older Men.** *journals of gerontology. Series A, Biological sciences and medical sciences*
Zeitzer, J. M., Blackwell, T., Hoffman, A. R., Cummings, S., Ancoli-Israel, S., Stone, K.
2017
 - **When a gold standard isn't so golden: Lack of prediction of subjective sleep quality from sleep polysomnography.** *Biological psychology*
Kaplan, K. A., Hirshman, J., Hernandez, B., Stefanick, M. L., Hoffman, A. R., Redline, S., Ancoli-Israel, S., Stone, K., Friedman, L., Zeitzer, J. M.
2017; 123: 37-46
 - **Bone Density Loss Is Associated With Blood Cell Counts** *JOURNAL OF BONE AND MINERAL RESEARCH*
Valderrabano, R. J., Lui, L., Lee, J., Cummings, S. R., Orwoll, E. S., Hoffman, A. R., Wu, J. Y.
2017; 32 (2): 212-220
 - **Mitochondrial DNA Hypomethylation Is a Biomarker Associated with Induced Senescence in Human Fetal Heart Mesenchymal Stem Cells** *STEM CELLS INTERNATIONAL*
Yu, D., Du, Z., Pian, L., Li, T., Wen, X., Li, W., Kim, S., Xiao, J., Cohen, P., Cui, J., Hoffman, A. R., Hu, J.
2017
 - **The Limited Clinical Utility of Testosterone, Estradiol, and Sex Hormone Binding Globulin Measurements in the Prediction of Fracture Risk and Bone Loss in Older Men.** *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*
Orwoll, E. S., Lapidus, J., Wang, P. Y., Vandenput, L., Hoffman, A., Fink, H. A., Laughlin, G. A., Nethander, M., Ljunggren, Ö., Kindmark, A., Lorentzon, M., Karlsson, M. K., Mellström, et al
2017; 32 (3): 633–40

- **Targeting Jurkat T Lymphocyte Leukemia Cells by an Engineered Interferon-Alpha Hybrid Molecule.** *Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology*
Yu, D., Du, Z., Li, W., Chen, H., Ye, S., Hoffman, A. R., Cui, J., Hu, J. F.
2017; 42 (2): 519–29
- **Systematic Correlation Analyses of Circulating Tumor Cells with Clinical Variables and Tumor Markers in Lung Cancer Patients.** *Journal of Cancer*
Wang, X., Ma, K., Yang, Z., Cui, J., He, H., Hoffman, A. R., Hu, J. F., Li, W.
2017; 8 (15): 3099–3104
- **Bone Loss at the Hip and Subsequent Mortality in Older Men: The Osteoporotic Fractures in Men (MrOS) Study.** *JBMR plus*
Cawthon, P. M., Patel, S., Ewing, S. K., Lui, L. Y., Cauley, J. A., Lyons, J. G., Fredman, L., Kado, D. M., Hoffman, A. R., Lane, N. E., Ensrud, K. E., Cummings, S. R., Orwoll, et al
2017; 1 (1): 31–35
- **Manipulation of nuclear architecture through CRISPR-mediated chromosomal looping.** *Nature communications*
Morgan, S. L., Mariano, N. C., Bermudez, A., Arruda, N. L., Wu, F., Luo, Y., Shankar, G., Jia, L., Chen, H., Hu, J. F., Hoffman, A. R., Huang, C. C., Pitteri, et al
2017; 8: 15993
- **Risk Factors for Hip Fracture in Older Men: The Osteoporotic Fractures in Men Study (MrOS).** *Journal of bone and mineral research*
Cauley, J. A., Cawthon, P. M., Peters, K. E., Cummings, S. R., Ensrud, K. E., Bauer, D. C., Taylor, B. C., Shikany, J. M., Hoffman, A. R., Lane, N. E., Kado, D. M., Stefanick, M. L., Orwoll, et al
2016; 31 (10): 1810-1819
- **AMERICAN ASSOCIATION OF CLINICAL ENDOCRINOLOGISTS AND AMERICAN COLLEGE OF ENDOCRINOLOGY DISEASE STATE CLINICAL REVIEW: UPDATE ON GROWTH HORMONE STIMULATION TESTING AND PROPOSED REVISED CUT-POINT FOR THE GLUCAGON STIMULATION TEST IN THE DIAGNOSIS OF ADULT GROWTH HORMONE DEFICIENCY** *ENDOCRINE PRACTICE*
Yuen, K. C., Tritos, N. A., Samson, S. L., Hoffman, A. R., Katznelson, L.
2016; 22 (10): 1235-1244
- **Bone Density Loss Is Associated With Blood Cell Counts.** *Journal of bone and mineral research*
Valderrábano, R. J., Lui, L., Lee, J., Cummings, S. R., Orwoll, E. S., Hoffman, A. R., Wu, J. Y.
2016
- **Serum 25-hydroxyvitamin D level and incident type 2 diabetes in older men, the Osteoporotic Fractures in Men (MrOS) study** *BONE*
Napoli, N., Schafer, A. L., Lui, L., Cauley, J. A., Strotmeyer, E. S., Le Blanc, E. S., Hoffman, A. R., Lee, C. G., Black, D. M., Schwartz, A. V.
2016; 90: 181-184
- **Thyroid Function Variations Within the Reference Range Do Not Affect Quality of Life, Mood, or Cognitive Function in Community-Dwelling Older Men.** *Thyroid*
Samuels, M. H., Kaimal, R., Waring, A., Fink, H. A., Yaffe, K., Hoffman, A. R., Orwoll, E., Bauer, D.
2016; 26 (9): 1185-1194
- **CRISPR Cas9-guided chromatin immunoprecipitation identifies miR483 as an epigenetic modulator of IGF2 imprinting in tumors.** *Oncotarget*
Zhang, Y., Hu, J., Wang, H., Cui, J., Gao, S., Hoffman, A. R., Li, W.
2016
- **Growth Hormone Research Society perspective on the development of long-acting growth hormone preparations** *EUROPEAN JOURNAL OF ENDOCRINOLOGY*
Christiansen, J. S., Backeljauw, P. F., Bidlingmaier, M., Biller, B. M., Boguszewski, M. C., Casanueva, F. F., Chanson, P., Chatelain, P., Choong, C. S., Clemmons, D. R., Cohen, L. E., Cohen, P., Frystyk, et al
2016; 174 (6): C1-C8
- **Sex hormones, sex hormone binding globulin, and vertebral fractures in older men** *BONE*
Cawthon, P. M., Schousboe, J. T., Harrison, S. L., Ensrud, K. E., Black, D., Cauley, J. A., Cummings, S. R., LeBlanc, E. S., Laughlin, G. A., Nielson, C. M., Broughton, A., Kado, D. M., Hoffman, et al
2016; 84: 271-278
- **Six Degree-of-Freedom Measurements of Human Mild Traumatic Brain Injury (vol 43, pg 1918, 2015)** *ANNALS OF BIOMEDICAL ENGINEERING*
Hernandez, F., Wu, L. C., Yip, M. C., Laksari, K., Hoffman, A. R., Lopez, J. R., Grant, G. A., Kleiven, S., Camarillo, D. B.
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