



Deborah Sellmeyer

Clinical Professor, Medicine - Endocrinology, Gerontology, & Metabolism

CLINICAL OFFICE (PRIMARY)

- **Stanford Center for Integrative Medicine**

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Bio

BIO

Dr. Sellmeyer is an internationally recognized expert in Metabolic Bone Disease. She is a renowned clinician who joined the Stanford faculty in 2018 as a Professor of Medicine. She has been recognized for her clinical excellence with induction into the Miller Coulson Academy of Clinical Excellence while she was at Johns Hopkins. In addition to her clinical expertise, Dr. Sellmeyer maintains a research program that centers on the effect of nutrition and environmental factors on skeletal metabolism which she has investigated through both smaller CRC-based trials and large multi-center trials. Studies she has conducted have investigated the role of dietary sodium chloride, source of dietary protein (animal, vegetable, dairy, soy), role of dietary potassium and alkaline potassium salts, targeted thoracic exercises on kyphosis, whether structured exercise can prevent bone loss in premenopausal women treated for breast cancer, and studies validating nutritional assessment questionnaires. Her expertise as a clinical researcher has enabled development of a multi-disciplinary translational research team including basic scientists in the orthopedic department, junior faculty members with K grant funding, and basic scientists in the endocrine division to develop translational projects studying the effects of osteoporosis medications on basic elements of skeletal biology utilizing bone biopsies from treated individuals as well as clinical trials of novel therapies for rare bone disorders. Dr. Sellmeyer also is a esteemed educator, having received multiple teaching awards.

CLINICAL FOCUS

- Metabolic Bone Disease
- Endocrinology
- Diabetes and Metabolism

ACADEMIC APPOINTMENTS

- Clinical Professor, Medicine - Endocrinology, Gerontology, & Metabolism
- Member, Stanford Cancer Institute

PROFESSIONAL EDUCATION

- Board Certification: Endocrinology, Diabetes and Metabolism, American Board of Internal Medicine (2009)

- Fellowship: UCSF Endocrinology Fellowship (1998) CA
- Residency: Johns Hopkins Hospital Internal Medicine Residency (1994) MD
- Medical Education: Johns Hopkins University School of Medicine (1991) MD

Publications

PUBLICATIONS

- **Skeletal Fluorosis Due to Inhalation Abuse of a Dust Cleaner**
Motlaghzadeh, Y., Ku, S., Sellmeyer, D.
WILEY.2022: 102
- **Prebiotic Intervention to Improve Calcium Absorption in Postmenopausal Women After Gastric Bypass: A Randomized Controlled Trial**
Wu, K., Cao, S., Weaver, C., King, N., Patel, S., Kingman, H., Sellmeyer, D., McCauley, K., Li, D., Lynch, S., Kim, T., Black, D., Shafer, et al
WILEY.2022: 307
- **Prebiotic to Improve Calcium Absorption in Postmenopausal Women After Gastric Bypass: A Randomized Controlled Trial.** *The Journal of clinical endocrinology and metabolism*
Wu, K. C., Cao, S., Weaver, C. M., King, N. J., Patel, S., Kingman, H., Sellmeyer, D. E., McCauley, K., Li, D., Lynch, S. V., Kim, T. Y., Black, D. M., Shafer, et al
2021
- **Rare Causes of Hypercalcemia: 2021 Update.** *The Journal of clinical endocrinology and metabolism*
Motlaghzadeh, Y., Bilezikian, J. P., Sellmeyer, D. E.
2021
- **Nutritional Supplements and Skeletal Health.** *Current osteoporosis reports*
Tabatabai, L. S., Sellmeyer, D. E.
2021
- **Bone tissue composition in post-menopausal women varies with glycemic control from normal glucose tolerance to type 2 diabetes mellitus.** *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*
Hunt, H. B., Miller, N. A., Hemmerling, K. J., Koga, M. n., Lopez, K. A., Taylor, E. A., Sellmeyer, D. E., Moseley, K. F., Donnelly, E. n.
2020
- **Now That You Can Get What You Want, Can You Keep What You Need?** *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*
Black, D. M., Sellmeyer, D. E.
2019
- **A Unique Cause of Hypercalcemia**
Zhang, J., Sellmeyer, D.
WILEY.2019: 76
- **Glycemic control and changes in hip bone mineral density in men and women with type 2 diabetes: The Health, Aging and Body Composition Study**
Moseley, K., Schwartz, A., Strotmeyer, E., Cauley, J., Cummings, S., Harris, T., Feingold, K., Tylavsky, F., Sellmeyer, D.
WILEY.2019: 162
- **A Unique Cause of Hypercalcemia**
Zhang, J., Sellmeyer, D.
WILEY.2019: 76
- **Glycemic control and changes in hip bone mineral density in men and women with type 2 diabetes: The Health, Aging and Body Composition Study**
Moseley, K., Schwartz, A., Strotmeyer, E., Cauley, J., Cummings, S., Harris, T., Feingold, K., Tylavsky, F., Sellmeyer, D.
WILEY.2019: 162
- **Proteinuria is Associated with Increased Risk of Fragility Fracture in Men With or at Risk for HIV infection Proteinuria and Fracture Risk Association.** *Journal of acquired immune deficiency syndromes (1999)*

Gonciulea, A. n., Wang, R. n., Althoff, K. N., Estrella, M. M., Sellmeyer, D. E., Palella, F. J., Lake, J. E., Kingsley, L. A., Brown, T. T.
2019

- **A Randomized Controlled Trial of Exercise to Prevent Bone Loss in Premenopausal Women with Breast Cancer.** *Journal of women's health* (2002)
Tabatabai, L. S., Bloom, J., Stewart, S., Sellmeyer, D. E.
2018
- **National Institutes of Health Consensus Development Conference: Lactose Intolerance and Health** *ANNALS OF INTERNAL MEDICINE*
Suchy, F. J., Brannon, P. M., Carpenter, T. O., Fernandez, J. R., Gilsanz, V., Gould, J. B., Hall, K., Hui, S. L., Lupton, J., Mennella, J., Miller, N. J., Osganian, S. K., Sellmeyer, et al
2010; 152 (12): 792-?
- **A proposed method for assessing plasma hypertonicity in vivo** *EUROPEAN JOURNAL OF CLINICAL NUTRITION*
Stookey, J. D., Burg, M., Sellmeyer, D. E., Greenleaf, J. E., Arieff, A., Van Hove, L., Gardner, C., King, J. C.
2007; 61 (1): 143-146
- **Effect of alendronate on bone mineral density and biochemical markers of bone turnover in type 2 diabetic women - The fracture intervention trial** *DIABETES CARE*
Keegan, T. H., Schwartz, A. V., Bauer, D. C., Sellmeyer, D. E., Kelsey, J. L.
2004; 27 (7): 1547-1553
- **Older women with diabetes have an increased risk of fracture: A prospective study** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Schwartz, A. V., Sellmeyer, D. E., Ensrud, K. E., Cauley, J. A., Tabor, H. K., Schreiner, P. J., Jamal, S. A., Black, D. M., Cummings, S. R.
2001; 86 (1): 32-38