

ASBMR[®] 2019 Annual Meeting

September 20 – 23, 2019 | Orange County Convention Center | Orlando, Florida, USA

MEDIA ADVISORY

For Immediate Release

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Research on Effect of Vitamin D on Bone Health and Risk of Falls, Studies on Vitamin D, Calcium and Vascular Calcification Link, New Findings on Racial Disparities in Outcomes Post-Fracture, Correlation of ALN Use and Taking Patients off Denosumab

ASBMR 2019 Annual Meeting - September 20-23 – Orlando, Florida, USA

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More than 3,000 bone health experts – scientists and physicians – will come together for the American Society for Bone and Mineral Research (ASBMR) 2019 Annual Meeting in Orlando September 20–23, the premier scientific meeting in the world on bone, mineral and musculoskeletal science, to present their latest research and collaborate on new opportunities to increase the testing, diagnosis and treatment options for osteoporosis and other bone diseases.

Highlights of the ASBMR 2019 Annual Meeting, with specific research findings, are featured below.

WHAT: American Society for Bone and Mineral Research (ASBMR) 2019 Annual Meeting
<http://www.asbmr2019.org>

WHEN: September 20-23, 2019 (Friday to Monday)

WHERE: Orange County Convention Center, Orlando, Florida, USA

RSVP: For more information and to register for press credentials, please contact Kim Walsh at kwalsh@asbmr.org

Selected Highlights of the ASBMR Meeting

For a complete program, please visit www.asbmr.org/official-program. Full abstracts are available to all registered media or upon request. For more media information and registration details, please go to <http://www.asbmr.org/media> or contact Kim Walsh at kwalsh@asbmr.org.

Please note that all abstracts are embargoed until the start time of the session in which the presentation is being made.

- **Plenary lectures include:**
 - Gerald D. Aurbach Lecture – From Genes to Genomes to Biology and Health
Richard Lifton, M.D., Ph.D., Rockefeller University, United States
Friday, September 20, 8:30 a.m. – 9:30 a.m.
 - Louis V. Avioli Lecture – Anabolic Actions of Parathyroid Hormones: Genes, Cells and Models
Laurie McCauley, D.D.S., Ph.D., University of Michigan School of Dentistry, United States
Saturday, September 21, 8:30 a.m. – 9:30 a.m.
- **Racial Disparities Present in Post-Fracture Outcomes:** Groundbreaking research uncovering racial disparity outcomes post-fracture indicating significantly increased rate of mortality, debility and destitution among African American women.
 - Racial Disparities Exist in Outcomes Post Major Fragility Fractures
- **Important findings for practitioners when taking patients off Denosumab:** This study investigates how patients' Bone Mass Density (BMD) respond after transitioning from D Mab to Alendronate (ALN). Research showed that ALN can effectively maintain BMD goals accrued after one year of D Mab in most patients.
 - Subject Characteristics and Changes in Bone Mineral Density after Transitioning from Denosumab to Alendronate in the Denosumab Adherence Preference Satisfaction (DAPS) Study
- **A look at the effects of supplements and vascular calcification:** Three presentations explore the correlation between Vitamin D and calcium supplements and their effects on vascular calcification. With past research showing conflicting results on the relationship, these large-scale studies did not identify evidence that supplement use increased the development or progression of calcification, or worsen vascular outcomes.
 - Effects of Supplementation with Vitamin D3 400, 4000 or 10000 IU Daily for Three Years on Vascular Calcification in The Calgary Vitamin D Study: Secondary Analysis of a Randomized Controlled Trial
 - Long-term Effects of Calcium Supplementation on Abdominal Aortic Calcification in Older Women: Analysis of a 5-year Double-Blind Randomized Controlled Trial

- A Randomized Clinical Trial on the Effect of Dietary Calcium Intake as Compared to Calcium Supplement on Vascular Health in Postmenopausal Women
- **Significance of Vitamin D effect on bone:** Released for the first time at the ASBMR Annual Meeting, these studies examine the effects of daily, supplemental Vitamin D on bone health and risk of falls in men and women nationwide.
 - VITamin D and OmegA-3 Trial (VITAL): Effects of Vitamin D on Bone Density, Turnover and Structure
 - Effects of Vitamin D on the Risk of Falls in the VITamin D and OmegA-3 Trial (VITAL)
- **Red Cell Distribution (RDW) predictor of hip fracture risk:** Large-scale study finds link between higher percent RDW and a higher risk of hip fracture.
 - Red Cell Distribution (RDW), a Widely Available Simple Measure of Cell Aging, Strongly Predicts Hip Fracture

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[The American Society for Bone and Mineral Research \(ASBMR\)](http://www.asbmr.org) is the leading professional, scientific and medical society established to bring together clinical and experimental scientists involved in the study of bone, mineral and musculoskeletal research. ASBMR encourages and promotes the study of this expanding field through annual scientific meetings, an official journal (*Journal of Bone and Mineral Research*[®]), the *Primer on Metabolic Bone Diseases and Disorders of Mineral Metabolism*, advocacy and interaction with government agencies and related societies. To learn more about upcoming meetings and publications, please visit www.asbmr.org.