



CALVI, Laura M., M.D., Professor of Medicine, University of Rochester School of Medicine, Rochester, New York, USA

Place of Birth: Torino, Italy

Candidate For: Council

Statement of Interest: I seek a position on ASBMR Council with pride and the certainty of the exceptional role the society has played in my development into physician scientist in the field of bone biology. In spite of the fact that my area of research spans endocrinology, hematology and bone biology, the ASBMR is undoubtedly the society that has provided me with the most opportunities for mentoring, scientific education, networking and friendship since I began training in endocrinology. I have benefited from the superb scientific sessions as well as from role modeling from all its constituencies. The importance of the ASBMR on my development and current scientific work was most clearly highlighted at the latest meeting in Baltimore, where at the same time I had the opportunity to reconnect with mentors and past colleagues, and also introduce the most junior members of my laboratory to all the scientific resources and warm, supportive environment the society provides to all its members.

Over the years, I have had the opportunity to serve the society as a member of the Education Committee (2006-2009), as an Abstract reviewer (2007, 2008, 2012, 2014) and Oral presentation chair (2008, 2010), Invited speaker for Mini-symposia (2004) and co-chair for State of the Art Lectures (2007, 2011), meet the professor speaker (2008), and writing for the latest edition of the "Primer". I recently received one of ASBMR's highest honors, the Fuller-Albright Award, an award that since my first exposure to the society served to inspire and motivate my drive to excel in this field.

ASBMR continues to lead internationally as the premier bone research society, in spite of the challenges of its multidisciplinary constituency. I am confident that my exposure to other research societies will provide additional perspective on the current difficulties we face as biomedical researchers and clinical providers (funding crisis, decline in trainees, professional-personal balance issues and relative lack of senior female role models). As the recipient of extraordinary mentoring, I also feel strongly the responsibility of the society in continuing to provide opportunities for professional guidance for junior and mid-career members. I am certain of the fundamental role of ASBMR in fostering the development of the next generation of bone biologists, clinical researchers, and clinicians as well as advancing bone and mineral research of the highest order nationally and internationally, and hope to further serve the society as a member of Council.

Education/Training/Positions: BA, Biology, Union College, Schenectady, NY (summa cum laude, 1990); MD, Harvard Medical School, Boston, MA (1995); Internship and Residency in Internal Medicine, Massachusetts General Hospital, Boston, MA (1995-1998); Fellowship in Endocrinology, Endocrine Division, Department of Medicine, Massachusetts General Hospital, Boston, MA (1998-2000: mentors: Drs. Hank Kronenberg and Stina Schipani); Postdoctoral Fellowship, Department of Medicine, Massachusetts General Hospital, Boston, MA (2000-2002: mentors: Drs. Hank Kronenberg, David Scadden and Stina Schipani); Assistant (2002-2008), Associate (2008-2013), Professor of Medicine with tenure (2013-present), University of Rochester School of Medicine; Director, Fellowship Training Program in Diabetes, Endocrinology and

Metabolism, University of Rochester School of Medicine, Rochester NY, (2006-2014); Assistant Director (Research Pathway) Internal Medicine Residency program, University of Rochester School of Medicine (2010-present); Chair, committee for Medical Student Distinction in Research, URM (2012-present); Professor of Neurologic Surgery, Pharmacology and Physiology, University of Rochester School of Medicine (2013-present).

Honors/Awards: Lee and William Wrubel Memorial Prize, Union College, Schenectady, NY (1990); Phi Beta Kappa Honor Society, Union College, Schenectady, NY (1990); American Heart Association Fellowship, (mentor: Mark Goldberg, M.D.), Internal Medicine, Brigham & Women's Hospital, Boston, MA (1993-1994); American Society of Hematology, Medical Student Scholarship, Harvard Medical School (mentor: Mark Goldberg, M.D., 1994); Advances in Mineral Metabolism-ASBMR, John Haddad Young Investigator Award (2001); ASBMR, Young Investigator Award (2001); Wilmot Scholar Cancer Research Fellowship (2004-2007); Pew Scholar in Biomedical Science (2005); Lawrence A. Kohn Senior Teaching Fellow, University of Rochester School of Medicine (2006-2008); NIDDK 60th Anniversary Early Career Investigator/Scholar Award (2010); Fuller Albright Award, ASBMR (2012); American Society for Clinical Investigation Active Member (2013).

Editorial Duties/Peer Review Panels: journal review (JBMR, Blood, Bone, Experimental Hematology, Stem Cells, Cell Stem Cell, FASEB journal, Molecular Biology of the Cell, Leukemia Research, PNAS, Journal of Experimental Medicine, Toxins, Cell Biology and Toxicology, Haematologica, Oncogene, Stem Cells Translational Medicine); grant review (NIH National Institute of Arthritis and Musculoskeletal and Skin Diseases Osteoporosis SCOR Applications (Specialized Centers of Research in Osteoporosis): Special Review Committee Member, April 2003. Ad hoc, Skeletal Biology Structure and Regeneration (SBSR) study section, 2005; Ad Hoc, Tumor Microenvironment (TME) Study section June 2010, February 2011, February 2012; Ad Hoc, National Cancer Institute Special Emphasis Panel (ZCA1 SRLB-C(J1) SEP: Cancer Biology-2): November 2012, March 2013, January 2014, May 2014; Ad hoc, Special Emphasis Panel/Scientific Review Group 2011/10 ZRG1 MOSS-C (02) S meeting, 04/04/2011. NIH Loan Repayment Program Review Group May 2013 Ad hoc, International and Cooperative Projects (ICP1) study section, Feb 2009, Johnson and Johnson Exploratory Grants (Intramural for the University of Rochester) (2005) Austrian Academy of Science APART Program (2010).

Professional Societies: ASBMR (2002-present): Education Committee (2006-2009), Abstract reviewer Abstract reviewer (2007, 2008, 2012, 2014), Oral presentation chair (2008, 2010), Invited speaker for Mini-symposia (2004), co-chair for State of the Art Lectures (2007, 2011), meet the professor speaker (2008) ; Abstract reviewer, 34th European Symposium on Calcified Tissues (2007), European Calcified Tissue Society (ECTS) Member, Scientific Programme Committee for the 37th European Symposium on Calcified Tissues Glasgow, Scotland 26-30 June.(2008-2010); Endocrine Society (2002- present): Annual Meeting Steering Committee (2012-2015); American Society for Hematology (2005-present): Abstract reviewer, American Society for Hematology, ASH Annual Meeting (2007, 2011, 2014) , Chair, education session on Marrow Failure Syndromes (2014).

Current Research: cellular and molecular interactions between the bone marrow microenvironment and hematopoietic stem cells (HSC), both benign and in the setting of myeloablative injury and hematologic malignancy.

Disclosures: Patent holder of licensed technology.