



HOROWITZ, MARK Professor and Vice Chair for Research, Department of Orthopaedics and Rehabilitation, Yale University School of Medicine, New Haven, Connecticut, USA

Place of Birth: New York, New York, USA

Education/ Training/ Positions: BS, Syracuse University, New York, 1972; PhD, State University of New York (SUNY) at Upstate Medical Center, Syracuse, New York, 1977; Research Associate, Howard Hughes Medical Institute, Yale University School of Medicine, 1977-1979; Postdoctoral Fellowship, Yale University School of Medicine, 1979-1981; Research Associate and Associate Research Scientist, Yale University School of Medicine, 1981-1985; Assistant,

Associate and Professor, Department of Orthopaedics and Rehabilitation, Yale University School of Medicine, 1985-present; Co-Director, Yale Core Center for Musculoskeletal Disorders, 1999-present; Vice Chair for Research, 2006-present

Honors and Awards: ASBMR Young Investigator Award, 1985; Swebilius Cancer Research Award, 1985; Andrew W. Mellon Foundation Award, 1986-1988; Honorary Masters Degree, Yale University, 2001

Editorial duties/ Peer Review Panels: Editorial Boards: *Calcified Tissue International*, 1990-1998; *Journal of Dental Research*, 2000; NIH Special Review Committee for Specialized Centers of Research on Osteoporosis (SCOR), 1987; VA Merit Reviewer, 1987, 1992, 1993; National Cancer Institute Special Review Committee, Program Project, 1988; Grant Reviewer, United States-Israel Binational Science Foundation, 1990; Grant Reviewer, Basic Research Foundation, Israel Academy of Sciences and Humanities, 1991, 1993, 1997, 2002; Member, NIH Special Review Committee for Multipurpose Arthritis Center Grant, 1993; Ad Hoc Member, NIH Orthopaedic and Musculoskeletal Study Section, 1993; Ad Hoc Member, NIH Oral Biology and Medicine Study Section 2, 1993; Member, NIH Special Review Committee, Program Project Grant, 1993; Member, NIH Oral Biology and Medicine Study Section 2, 1994-1998; Member, U.S. Army Medical Research and Material Command, Osteoporosis Scientific Program Committee, 1996; Chairman, NIH Oral Biology and Medicine Study Section 2, 1997-1998; Member, NIH Special Emphasis Panel, RO-3, 1999; Member, NIH Special Emphasis Panel, RO-1, 2001, 2002; Grant Reviewer, The Wellcome Trust, 2002; Member, NIH Special Emphasis Panel, Basic and Applied Stem Cell Research, 2002; Grant Reviewer, National Science Foundation, 2002; External Reviewer, University of Connecticut Core Center, 2002, 2003; Ad Hoc Member, NIH SBDD Study Section, 2003; Grant Reviewer, Orthopaedic Research and Education Foundation, 2005; Chairman, NIH Special Emphasis Panel, SBDD Study Section, 2006-2008; Ad Hoc Member, NIH Fogarty International Research Collaboration Award Study Section, 2008; ASBMR Abstract Reviewer, 2007-2009; Challenge Grants Panel 21, NIH, 2009; Editor, *Osteoimmunology: Interactions of the Immune and Skeletal Systems*, 2009-present

Professional Societies: Membership: ASBMR, 1992-present; Orthopaedic Research Society, 1989-present; Member, ASBMR Industry Relations Committee, 1998; Chairman, ASBMR Fellowship Task Force, 1999; ASBMR Council, 2005-2008; International Society for Stem Cell Research Conference, 2005-present; Chair, International Conference on Osteoimmunology: Interactions of the Immune and Skeletal Systems, 2006, 2008; Member, Finance Committee, Federation of American Societies for Experimental Biology (FASEB), 2008-present

Current Research: Defining the interactions between the skeletal, hematopoietic and immune systems, osteoimmunology. More specifically, analysis of the regulatory interactions controlled by transcription factors first identified as being important for B lymphocyte differentiation but are now known to be important in skeletal development and body composition. How do these transcription factors regulate mesenchymal cell lineage allocation to bone or adipose tissue? The identity, origin and function of marrow adipocytes.

Statement of Interest: I have just finished (September 2008) my three-year term as Councilor of the American Society for Bone and Mineral Research (ASBMR). As part of my responsibilities as Councilor, I reviewed the financial statements of the Society. Early on, it was apparent to me that our investment company, Mercantile-Safe Deposit and Trust Company, was not providing appropriate returns on the Society's investment portfolio (\$7,500,000). I brought my concerns to Council, and as it turned out, the Executive Committee had its own issues with Mercantile that centered on Mercantile's failure to respond in a timely fashion to the Council's direction. The result was firing Mercantile and hiring Chris Jackson of UBS Financial Services. Although I was not alone in my questioning of Mercantile's effectiveness, I believe my input was valuable to Council. It is important for any association or society to carefully manage their reserves and this is especially true for scientific societies, particularly in these times of reduced grant support to their members and in the current economic downturn. Income produced from reserves could make the difference between providing the services the society's membership needs or reducing those services. This means striking a balance between conservative core investments to insure the life of the society and more aggressive positions so as to achieve a total return that meets the needs of the society's membership.

Because of my interest in the financial management of ASBMR, I was the Council representative to the Finance Committee of ASBMR, whose major responsibility was to develop the Society's yearly budget. I am presently the ASBMR representative to the Finance Committee of FASEB. I have also served on the ASBMR Industry Relations Committee and was Chairman of the ASBMR Fellowship Task Force. I have been a member of ASBMR for 17 years.

As Vice Chair for Research, I am reviewing and planning the financial health of the research side of my department. As Co-Director of the Yale Core Center for Musculoskeletal Disorders, I had significant input in developing the \$400,000 budget. I design and administer my federal and private grant budgets. My other qualifications include: 1) former treasurer for the RidgeTop Club, a local tennis and pool club with an annual budget of approximately \$500,000; 2) former treasurer of the investment group Ten Guys LLC; 3) I am proud to say that I was until recently the Treasurer of the Hamden High Boys Lacrosse Booster Club with a budget of approximately \$30,000/year.

While learning a great deal about the inner workings of ASBMR, I believe I made a positive contribution to Council, particularly in its financial health. In addition, I believe my interpersonal skills will be an asset for this job. Because of these reasons, my experience and my continued desire to serve the ASBMR membership and move our Society forward, I am committed to doing a first-rate job as Secretary-Treasurer.

Disclosures: Amgen 5; Current Medicine Group 6 (Written monograph supported by a grant from Amgen); Elsevier 6 (Book Contributor/Editor)

The following numerical key was used to characterize the potential conflicts of interest listed in the “Disclosures” section above.

- 1. research grants or financial support from commercial entities*
- 2. consultant or member of advisory board to a commercial entity*
- 3. participant in a speakers bureau*
- 4. employment or executive positions in pharmaceutical, medical device, or diagnostic companies*
- 5. stock holdings in pharmaceutical, medical device, or diagnostic companies*
- 6. any other situation or transaction in relation to the ASBMR in which a formal role or interest exists (e.g., candidate is a member of another bone-related organization’s board, or committee, or serves on its journal, etc.)*