



**CAO, Xu, Ph.D.,** Professor, Department of Orthopaedic Surgery, Johns Hopkins University, Baltimore, Maryland, USA

Candidate For: Councilor

Place of Birth: Shihezi, Xinjiang, China

Statement of Interest: I would like to express my willingness to serve the ASBMR. The ASBMR is the leading society in discovery, research and clinical treatment for bone diseases. The ASBMR provides the most exciting events for investigators in the bone field and provides an excellent environment for young investigators.

I was initially trained in cartilage biology during my Ph.D study. I studied osteoclasts in my postdoctoral training at Washington University. My lab is currently working on the mechanisms of bone remodeling. My own career development has greatly benefited from membership in ASBMR. In the past 23 years of my skeletal research career, I have actively participated in ASBMR activities and services. I have served on the Membership Development Committee, Special Task Forces, session chair for the ASBMR Annual Meeting and Editorial Board member and Senior Associate Editor for the *JBMR*. I also served as the program Co-Chair for the 2012 ASBMR Annual Meeting. With my bone research experience and my years of service in the Society, I feel confident that I understand the future direction for the development of the ASBMR, and I will do my best for the ASBMR as a Councilor if I am elected.

Education/ Training/Positions: Xinjiang University, Urumqi, China, 1978-1982, B.S., Biology; University of South Carolina, Columbia, SC, USA, 1988-1991, Ph.D., Chemistry and Biochemistry; Washington University, Bone Biology, Saint Louis, Missouri, USA, 1991-1996, Postdoctoral Training. *Positions:* Assistant Professor of Pathology, University of Alabama at Birmingham, AL, USA, 1996-2000; Associate Professor of Pathology, University of Alabama at Birmingham, AL, USA, 2000-2004; Professor of Pathology, University of Alabama at Birmingham, AL, USA, 2004-2009; Lee Riley Professor and Director, Center for Musculoskeletal Research, Department of Orthopedic Surgery, Johns Hopkins University, Baltimore, MD, USA, 2009-Present

Honors/Awards: Merck Young Investigator Award, ASBMR, 1993; Sandoz Award, ASBMR, 1993; John Haddad Young Investigator Award, ASBMR, 1993. Top 10 most outstanding Chinese in Birmingham, 2008

Editorial Duties/ Peer Review Panels: Senior Associate Editor, *Journal of Bone and Mineral Research*, 2007-present; Editorial Boards: *Journal of Bone and Mineral Research*, 2005-2007; *World Journal of Gastroenterology*, 2004-2006; Ad-hoc Reviewer: *Journal of Biological Chemistry*, 1998-present; *Molecular and Cellular Biology*, 2004-present; *PNAS*, 2001-present; *Endocrinology*, 2002-present; *Pharmacological Research*, 2005-present; *Bone*, 2002-present; *Journal of Cell Science*, 2005-present; *Experimental Cell Research*, 2005-present; *Oncogene*, 2001-present; *Gene*, 1999-present; *EMBO Journal*, 1999-present; *Circulation Research*, 2003-present; *FASEB Letters*, 2006-present; *Journal of Cell Biology*, 2005-present; *American Journal of Pathology*, 2004-present; *Nature Medicine*, 2008-present; Study Section/Peer Review Panels: NIH Orthopedics and Musculoskeletal Study Section, 2001; NIH National Institute on Deafness and Other Communication Disorders Special Emphasis Panel, 2002; Veterans Administrations Application Review, 2002; NIH NIAMS Stem Cell Special Emphasis Panel Review, 2002; NIH Orthopedics and Musculoskeletal Study Section, 2002; NIH National Institute of Arthritis and Musculoskeletal and Skin Diseases, Mount Sinai School of Medicine, PO1 site visit, 2002; NIH R03 Application Review, 2002; Veterans Administration Application Review, 2003; NIH Orthopedics and Musculoskeletal Study Section, 2003; NIH-NIAMS Fellowship Study Section, 2003; NIH Orthopedics and Musculoskeletal Study Section, 2003; NIH Orthopedics and Musculoskeletal Study Section, 2004; NIH Orthopedics and Musculoskeletal Study Section, 2004; NIH Stem Cell Special Emphasis Panel Review, 2006; NIH Stem Cell Special Emphasis Panel Review, 2007; NIH Skeletal Biology Development and Diseases Study Section, 2009; NIH Skeletal Biology Development and Diseases Study Section, 2009; NIH PPG Special

Emphasis Panel Review, 2009; Member, NIH Skeletal Biology Development and Diseases Study Section, 2010-present; NIH PPG NIDDK Special Emphasis Panel Review, 2010

Professional Societies: President-Elect, International Chinese Hard Tissue Society, 2011-present; Member, American Society for Bone and Mineral Research, 1992-present; Board of Directors, International Chinese Hard Tissue Society, 2004-2008; Member New York Academy of Sciences, 2004-present; Councilor, Hard Tissue Society, 2012

Meeting Organizer: Co-Chair, ASBMR Annual Meeting, 2012; Co-organizer, Stem Cell and Regenerative Medicine Conference, Chengdu, 2011; ASBMR Annual Meeting Session Chair, 1995, 2007 and 2011.

Current Research: Mesenchymal stem cell, bone remodeling and osteoarthritis.

Disclosures: Merck and Genzyme - honoraria for lectures