



Theme Keynote Speaker



Lisa X. Xu, PhD

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**Talk title: Physical / Molecular Diagnosis
and Treatment of Cancer**

Lisa X. Xu received her Ph.D. degree from University of Illinois at Urbana-Champaign, USA, in 1991. She was on the faculty of The City University of New York, and promoted to associate professor with tenure in 1996. She then moved to Purdue University and took the tenured associate professor position in Mechanical Engineering in 1997 and a joint faculty position in Biomedical Engineering in 1998. Dr. Xu became the “Chang Jiang Scholar” Distinguished Professor in Biomedical Engineering Awarded by Chinese Ministry of Education in 2003 and received the “Outstanding Youth Award” by Chinese Natural Science Foundation (CNSF) in 2007. She has taught thermodynamics, heat transfer, bioheat transfer courses to both undergraduate students and graduate students. Her research interests encompass molecular imaging, bio-thermal physics, and cancer diagnosis and therapy, which has been supported by NCI and NSF in US, and Chinese NSF project, 973 and 863 center grants from Chinese Ministry of Science and Technology. She has published more than 100 peer reviewed journal papers and conference proceedings, and four book chapters. She is a senior member of IEEE, served as the technical program chair of the 2005 EMBC in Shanghai, China and became the AdCom Member of EMBS in 2011. She also serves as Deputy Secretary for International Affairs of Chinese Society of Biomedical Engineering since 2009 and the President of Shanghai Society of Biomedical Engineering since 2010. Her other administrative roles at Shanghai Jiao Tong University (China) include Assistant President, Dean of Med-X Research Institute and Acting Dean of School of Biomedical Engineering founded in 2011.

Biography