

Biographical Sketch

Dr. Jeremy Mao is currently Professor and Director of Tissue Engineering and Regenerative Medicine Laboratory (TERML) at Columbia University. Dr. Mao is a dentist and scientist, having received a Doctor of Dental Surgery from Wuhan University in China and then from University of Illinois in the U.S. Dr. Mao also received a PhD and postdoctoral training from the University of Alberta in Canada. Dr. Mao's academic career started as an assistant professor at the University of Pittsburgh whereby his laboratory received funding from the National Institutes of Health and also from the Pittsburgh Tissue Engineering Initiative. Dr. Mao became an associate professor at the University of Illinois at Chicago where he was director of Tissue Engineering Laboratory. Dr. Mao has published over 100 scientific papers and book chapters in the area of tissue engineering, stem cells and regenerative medicine. He currently serves on the editorial board of several scientific journals such as Tissue Engineering, Journal of Biomedical Material Research, International Journal of Oral and Maxillofacial Surgery, and Journal of Dental Research, and has served as an Associate Editor of Stem Cells and Development, as well as on the editorial board of Medical Engineering and Physics and Frontiers of Bioscience. Dr. Mao is the editor of a new book entitled "*Translational Approaches in Tissue Engineering and Regenerative Medicine*". Dr. Mao is also the editor of an upcoming textbook entitled "*Principles of Craniofacial Growth and Development*". He has over 30 patents granted and/or filed in the areas of stem cells, tissue engineering, and regenerative medicine, leading to the incorporation of one biotechnology company. Dr. Mao is currently a standing member of the Musculoskeletal Tissue Engineering Study Section of the NIH and serves on a number of review panels for NIH, NSF, US Army as well as many other grant review panels in over 18 different countries. Dr. Mao has been invited to give lectures at over 130 national and international conferences. Dr. Mao has attended and chaired multiple Regenerate/TERMIS conferences. He has also organized and chaired a number of scientific conferences including NIH-sponsored Stem Cells and Tissue Engineering Conference. Dr. Mao's laboratory is currently funded by several research grants from the National Institutes of Health and also from industry. Dr. Mao's laboratory has trained over 24 graduate students and postdoctoral research scientists, some of whom are faculty members at universities in the U.S. and overseas, whereas others are in biotech industry. Dr. Mao is a consultant to several Tissue Engineering and Regenerative Medicine Centers in the United States and overseas.