



## Advanced Tissue Engineering

Antonios G. Mikos, Ph.D.



- 美国国家工程院院士
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- 美国生物材料学会主席
- Tissue Engineering 杂志总主编
- **Louis Calder Professor of Bioengineering, Rice University, USA**
- **H-index=131**

邀请人：张胜民教授（华中科技大学先进生物材料与组织工程研究中心）

时间：2017年12月6日，下午14:30 - 17:00

地点：东十一楼2楼会议室。

### Bio Sketch

Antonios G. Mikos is the Louis Calder Professor of Bioengineering and Chemical and Biomolecular Engineering at Rice University. He is the Director of the J.W. Cox Laboratory for Biomedical Engineering and the Director of the Center for Excellence in Tissue Engineering at Rice University. He received his Dipl.Eng. (1983) from the Aristotle University of Thessaloniki, Greece, and his Ph.D. (1988) in chemical engineering from Purdue University. He was a postdoctoral researcher at the Massachusetts Institute of Technology and the Harvard Medical School before joining the Rice faculty in 1992 as an assistant professor.

Mikos' research focuses on the synthesis, processing, and evaluation of new biomaterials for use as scaffolds for tissue engineering, as carriers for controlled drug delivery, and as non-viral vectors for gene therapy. His work has led to the development of novel orthopaedic, dental, cardiovascular, neurologic, and ophthalmologic biomaterials. **He is the author of over 550 publications and 29 patents.** He is the editor of 15 books and the author of one textbook (Biomaterials: The Intersection of Biology and Materials Science, Pearson Prentice Hall, 2008). **Mikos is among the top 1 percent most cited researchers in his field. His work has been cited over 63,000 times and he has an h-index of 131.**

Mikos is a Member of the National Academy of Engineering, a Member of the National Academy of Medicine, and a Member of the Academy of Medicine, Engineering and Science of Texas. He is a Founding Fellow of the Tissue Engineering and Regenerative Medicine International Society, a Fellow of the American Association for the Advancement of Science, a Fellow of the American Institute of Chemical Engineers, a Fellow of the American Institute for Medical and Biological Engineering, a Fellow of the Biomedical Engineering Society, a Fellow of the Controlled Release Society, a Fellow of the International Union of Societies for Biomaterials Science and Engineering, and a Fellow of the National Academy of Inventors.

Mikos has been recognized by various awards including the *Lifetime Achievement Award* of the Tissue Engineering and Regenerative Medicine International Society-Americas, the *Founders Award* and the *Clemson Award for Contributions to the Literature* of the Society For Biomaterials, the *Robert A. Pritzker Distinguished Lecturer Award* of the Biomedical Engineering Society, the *Alpha Chi Sigma Award for Chemical Engineering Research* and the *Food, Pharmaceutical and Bioengineering Award in Chemical Engineering* of the American Institute of Chemical Engineers, the *Meriam/Wiley Distinguished Author Award* and the *Chemstations Lectureship Award* of the American Society for Engineering Education, the *Edith and Peter O'Donnell Award in Engineering* of the Academy of Medicine, Engineering and Science of Texas, the *Marshall R. Urist Award for Excellence in Tissue Regeneration Research* of the Orthopaedic Research Society, the *Distinguished Scientist Award - Isaac Schour Memorial Award* of the International Association for Dental Research, and the *Distinguished Engineering Alumnus Award* of Purdue University.

Mikos has mentored 55 graduate students on their way to completing their doctoral studies, as well as 37 postdoctoral fellows, 22 of whom remain in academia at institutions including Georgia Tech, Hanyang University, Mayo Clinic, Texas A&M University, Tulane University, University of Maryland, University of New Mexico, University of Oklahoma, University of Texas at Austin, and Virginia Tech among others. He is organizer of the continuing education course *Advances in Tissue Engineering* offered annually at Rice University since 1993.