

Professor Yasuhiko Tabata Biographical Summary

Dr. Yasuhiko Tabata is the Professor and Chairman of the Department of Biomaterials at the Institute for Frontier Medical Sciences, Kyoto University and a Professor of the Graduate School of Medicine, Osaka University, and a Professor of the School of Life Dentistry, Nippon Dental College, Japan and serves as visiting professors at Graduate School of Medicine, Dentistry, Pharmaceutical Sciences, and Engineering of 14 different universities. He received his BD in Polymer Chemistry (1981), Ph.D. (1988) in Polymer Science, D.Med.Sci. (2002) in Regenerative Medicine, and D.Pharm. (2003) in Pharmaceutical Sciences all at Kyoto University. He was a Visiting Scientist at the MIT (Professor Robert Langer) (1991-92). He has published 1250 scientific papers including 120 book chapters and review articles, and has 140 patents. He received the Young Investigator Award (1990), the Scientific Award from the Japanese Society for Biomaterials (2002), the Scientific Award from the Japan Society of Drug Delivery System (2011), Chandra P. Sharma Award of the International Society of Biomaterials & Artificial Organs (2011), the Scientific Award from the Japanese Society for Regenerative Medicine (2014), and several awards. He is an associate member of the Science Council of Japan, Cabinet Office and the New York Academy of Science and a fellow of American Institute for Medical and Biological Engineering (AIMBE) and American Institute for Medical and Biological Engineering. Also, he was elected the Founding Fellow for Tissue Engineering and Regenerative Medicine (FTERM).

Dr. Tabata is the Board Governor of the Tissue Engineering and Regenerative Medicine Society International, the Japanese Regenerative Medicine Society, the Japanese Society for Biomaterials, the Society for Hard Tissue Regenerative Medicine, the Japan Society of Drug Delivery System, and the Japanese Society of Inflammation and Regeneration or the Councilor of the Japanese Society of Wound Healing, the Japanese Artificial Organ Society, and the Editorial Board of Tissue Engineering, Journal of Tissue Engineering and Regenerative Medicine, Bioconjugate Chemistry, Journal of Biomaterial Sciences, Polymer Edition, and Journal of Biomedical Nanotechnology.

Dr. Tabata is a member of Tissue Engineering and Regenerative Medicine International Society and American Biomedical Engineering Society. He was the one of Founder Members of Asian Biomaterial Federation (ABF). He was a council member of Tissue Engineering Society International for 2001-2003 and 2012-present.

His research is very interdisciplinary in nature and brings together the fields of polymer chemistry, pharmaceutical science, biology, and basic and clinical medicines. His research focuses on the design and preparation of biodegradable or non- biodegradable biomaterials for their biological, medical, and pharmaceutical applications, while the keywords are biomaterials, drug delivery system (DDS), tissue engineering, regenerative medicine, stem cell technology, and medical diagnostics.