Joachim Kohn, Ph.D. FBSE
Director, the New Jersey Center for Biomaterials
Board of Governors Professor, Rutgers, the State University of New Jersey

Joachim Kohn, PhD, Board of Governors Professor of Chemistry and Chemical Biology at Rutgers University, is a research entrepreneur, a multi-disciplinary translational scientist, and a national leader in the development of polymeric biomaterials for drug delivery, tissue engineering, and regenerative medicine. In 1997, Kohn founded the New Jersey Center for Biomaterials, which has grown into a collaborative network spanning 25 institutions and 40 laboratories. As a translational scientist, Kohn has 58 issued US Patents on novel biomaterials and seven companies have licensed his technologies. He has raised about $100M in research funding at Rutgers and helped four licensees to raise about $200M in private capital.

In 2014, Professor Kohn was inducted into the National Academy of Inventors. He is the recipient of numerous awards and honors, including the prestigious Thomas Alva Edison Patent Award for best patent in New Jersey in the category of medical research, and the Clemson Award from the Society for Biomaterials. He is a Fellow of the American Institute of Medical and Biological Engineering (AIMBE) and serves as the Chair of the International College of Fellows of Biomaterials Science and Engineering. Since 2008, he has been the Director and Principal Investigator of the Rutgers-Cleveland Clinic Consortium of the Armed Forces Institute of Regenerative Medicine, a $60 Million research project funded by the Department of Defense.

Professor Kohn's scientific expertise ranges from synthetic polymer chemistry and materials science to drug delivery, cell biology, tissue engineering, and regenerative medicine. He pioneered the use of combinatorial and computational methods for the optimization of biomaterials for specific medical applications. He discovered "pseudo-poly(amino acid)s"- a new class of polymers that combine the non-toxicity of individual amino acids with the strength and processability of high-quality engineering plastics. Medical devices using these materials are being developed by several companies, have been approved in the USA and Canada, and have been implanted in more than 50,000 patients.

The New Jersey Center for Biomaterials
145 Bevier Road, Piscataway, NJ 08854
Ph: (848) 445 0488 Email: kohn@rutgers.edu