Cato Laurencin, M.D., Ph.D.

Albert and Wilda Van Dusen Distinguished Endowed Chair Professor of Orthopedic Surgery in the School of Medicine at University of Connecticut
Storrs, CT, US

Dr. Laurencin focuses on tissue engineering, biomaterials science, nanotechnology, and stem cell science in regenerative engineering

Biography

Dr. Laurencin is a designated University Professor at the University of Connecticut. He is the Albert and Wilda Van Dusen Distinguished Endowed Chair Professor of Orthopedic Surgery in the School of Medicine. In addition, Dr. Laurencin is a tenured member of the faculty in the School of Engineering and is Professor of Chemical and Biomolecular Engineering, Professor of Materials Engineering and Professor of Biomedical Engineering at UConn. Dr. Laurencin serves as Chief Executive Officer of the Connecticut Institute for Clinical and Translational Science, UConn's cross-university translational science institute. In addition, he is the Founding Director of the Institute for Regenerative Engineering and the Founding Director of the Raymond and Beverly Sackler Center for Biomedical, Biological, Physical and Engineering Sciences at UConn Health.

Dr. Laurencin is an elected member of the Institute of Medicine of the National Academy of Sciences and an elected member of the National Academy of Engineering.

Dr. Laurencin previously served as the UConn Health Center's Vice President for Health Affairs and Dean of the UConn School of Medicine. Prior to that Dr. Laurencin was the Lillian T. Pratt Distinguished Professor and Chair of the Department of Orthopedic Surgery at the University of Virginia, as well as the Orthopedic Surgeon-in-Chief at the University of Virginia Health System. In addition, he was designated as a University Professor at the University of Virginia by the President and held professorships in biomedical engineering and chemical engineering.

Dr. Laurencin earned his undergraduate degree in chemical engineering from Princeton University and his medical degree, Magna Cum Laude from the Harvard Medical School. During medical school, he also earned his Ph.D. in biochemical engineering/biotechnology from the Massachusetts Institute of Technology.

Dr. Laurencin's research involves tissue engineering, biomaterials science, nanotechnology and stem cell science and a new field he terms, regenerative engineering. He is an International Fellow in Biomaterials Science and Engineering and a Fellow of the American Institute for Medical and Biological Engineering, and a Fellow of the Biomedical Engineering Society. His work was honored by Scientific American Magazine as one of the 50 greatest achievements in science in 2007.

Areas of Expertise

Biomaterials, Surgery, Shoulder and Knee Injuries, Tissue Engineering and Regenerative Medicine, Nanotechnology

Education

MIT
Ph.D. Biochemical Engineering/Biotechnology

Harvard Medical School
M.D. Medicine

Princeton University
B.S.E. Chemical Engineering
