

Biographical Summary

Anthony Atala, M.D.

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Dr. Anthony Atala is the W. Boyce Professor and Chair of the Department of Urology at the Wake Forest School of Medicine and the G. Link Professor and Director of the Wake Forest Institute for Regenerative Medicine. His clinical work focuses on pediatric urology and his research focuses on bioprinting and growing human cells, tissues and organs for clinical therapy and for body-on-a-chip technologies. Seventeen applications of technologies developed in Dr. Atala's laboratory have been used clinically in various surgical specialty areas, including general surgery, gynecology, orthopedics, otolaryngology, plastic surgery and urology. Dr. Atala was elected to the National Academy of Medicine and the National Academy of Inventors. He is a recipient of the US Congress funded Christopher Columbus Foundation Award, bestowed on a living American who is currently working on a discovery that will significantly affect society, the Edison Science/Medical Award, and the Smithsonian Ingenuity Award. He was named by Scientific American as one of the world's most influential people in biotechnology, by U.S. News & World Report as one of 14 Pioneers of Medical Progress in the 21st Century, and by the journal Nature Biotechnology as one of the top 10 translational researchers in the world. He is also the recipient of the Jacobson Innovation Award from the American College of Surgeons, the Barringer Medal from the Association of Genitourinary Surgeons, the Samuel D. Gross Prize from the Philadelphia Academy of Surgery and the John Duckett Award and the Ramon Guiteras Award from the American Urological Association. Dr. Atala's work was listed twice as Time Magazine's top 10 medical breakthroughs of the year. Dr. Atala is editor of 25 books and 2 journals, has published more than 900 journal articles, and has applied for or received over 300 national and international patents. He currently serves as a member of the Board of Regents for the American College of Surgeons.