

## **DANIEL K. PODOLSKY, M.D.**

Daniel K. Podolsky is currently the Chief Academic Officer of Partners HealthCare System, the Faculty Dean for Academic Programs at Partners and the Mallinckrodt Professor of Medicine at Harvard Medical School, and the Chief of Gastroenterology at Massachusetts General Hospital. In his capacity as Chief Academic Officer of Partners, he oversees the research enterprise and graduate medical education programs of its founding academic medical centers, Massachusetts General Hospital and Brigham and Women's Hospital.

Dr. Podolsky received his undergraduate degree from Harvard College *summa cum laude*, and his medical degree from Harvard Medical School, followed by residency training in Internal Medicine, and a fellowship in Gastroenterology at Massachusetts General Hospital. He joined the faculty of Harvard Medical School and the staff of Massachusetts General Hospital in 1981 as Assistant Professor of Medicine, and was named the Mallinckrodt Professor of Medicine at Harvard Medical School in 1998. Dr. Podolsky was appointed Chief of Gastroenterology at Massachusetts General Hospital in 1989, and since then has overseen a dynamic program of research and training, in addition to a comprehensive program of clinical care in gastroenterology. He has been a leader in training GI physician-scientists with more than fifty fellowship graduates now pursuing independent research as members of faculties of medical schools throughout the United States. In 1991, Dr. Podolsky established a multidisciplinary Center for the Study of Inflammatory Bowel Disease funded through the NIDDK Digestive Disease Center program, and the Center has been a highly productive multidisciplinary research program, yielding many significant advances over the past fifteen years.

Dr. Podolsky's research interests have focused on the delineation of epithelial cell function since his initial studies as an undergraduate characterizing glycoprotein biosynthesis in intestinal epithelium. His laboratory has made significant contributions to understanding the mechanisms through which growth factors and cytokines regulate epithelial function and has provided important insights into the mechanisms of epithelial injury and repair. His laboratory has also identified and characterized the functional actions and molecular mechanisms of trefoil peptides, which are central to sustaining mucosal integrity and facilitating repair after injury has occurred. In recent years his laboratory has helped clarify the role of the intestinal epithelium as a component of the innate immune system through the characterization of innate immune receptors and their functional role in this cell compartment. In conjunction with studies defining basic mechanisms regulating epithelial function, Dr. Podolsky's laboratory has provided important insights into the role of these processes in intestinal inflammatory diseases, most especially the inflammatory bowel diseases.

He is the author of more than 300 original research and review articles. Dr. Podolsky has also mentored over seventy GI fellows and eighty-five post doctoral research fellows who are now advancing the field of gastroenterology. Over the past twenty-four years, Dr. Podolsky has been continuously funded by the National Institute of Diabetes and Digestive Kidney Diseases (NIDDK) which awarded him a MERIT grant, and has served as member of the advisory council of NIDDK. He is the past editor-in-chief of the journal *Gastroenterology* and has played an active role in a number of national organizations. He served as President of the American Gastroenterological Association in 2003-2004 and was the recipient of its Distinguished Achievement Award in 2007.