



Eighteenth Lecture  
2021

*The Alan S. Hofmann  
Lectureship*

**John M. Carethers, MD, MACP**

*C. Richard Boland Distinguished  
University Professor  
John G. Searle Professor and Chair,  
Department of Internal Medicine  
Professor, Human Genetics  
University of Michigan*

Dr. Hofmann established this endowment when he celebrated his 50th anniversary of graduating from the Johns Hopkins University, School of Medicine in Baltimore where he grew up. His wish to endow this lectureship in his name stemmed from his love and dedication to basic research in gastroenterology and in appreciation of his alma mater, Johns Hopkins University.



**DR. ALAN HOFMANN** is currently Professor Emeritus of Medicine at the University of California, San Diego. Dr. Hofmann is one of the seminal leaders of research in Gastroenterology and Hepatology making landmark discoveries in bile acid physiology and pharmacology. He was instrumental in establishing the research structure of the Gastroenterology Division at the Mayo Clinic, Rochester, MN and at the University of California, San Diego. A native of Baltimore, he received his undergraduate degree in 1951 and his medical degree in 1955 with honors, from the Johns Hopkins University. In 1965, he received a postgraduate degree from the University of Lund, Sweden.

Dr. Hofmann is a recipient of numerous awards including an honorary degree M.D. *ad honorem* from the University of Bologna, Italy, 1988; Fellow, Royal Society of Medicine, 1992; Fellow of the Royal College of Physicians (U.K.) 1996 and Fellow, American Association for the Advancement of Science, 1974.

# *The Lectures*

## **RESEARCH LECTURE AND DAY OF SCIENCE**

THURSDAY, December 2, 2021  
ZOOM

8:00 – 9:00 am

**John M. Carethers, MD, MACP**

*“Influence of Inflammation on the  
Genetics of Colorectal Cancer”*

## **CLINICAL LECTURE**

FRIDAY, December 3, 2021  
ZOOM

8:00 – 9:00 am

**John M. Carethers, MD, MACP**

*“Consumer Products That Affect Your  
Patient's GI Health”*



**John M. Carethers** is currently the John G. Searle Professor and Chair of the Department of Internal Medicine at the University of Michigan. He received his BS degree in Biological Sciences with a minor in Chemistry from Wayne State University, and his MD with high distinction from the same institution. Dr. Carethers completed his internship and residency in Internal Medicine at Massachusetts General Hospital, followed by a fellowship in gastroenterology at the University of Michigan. He was then recruited to the University of California, San Diego, where he grew his laboratory-based research in the area of DNA mismatch repair and colorectal cancer pathogenesis and cared for general medicine and gastroenterology patients. His leadership roles included the gastroenterology fellowship director, the gastroenterology Section Chief for the San Diego VA Hospital, then Division Chief for University of California, San Diego, before being recruited to Michigan.

Dr. Carethers was the founding Director of the NIH-funded UCSD Gastroenterology Center grant, and was the Director of the gastroenterology T32 training grant. His laboratory research continues to be funded by the NIH. Dr. Carethers has interest in colorectal cancer disparities as it relates to genetics and outcomes. He is the former PI of the SDSU/UCSD Cancer Center Comprehensive Partnership U54 grant, which addresses cancer disparities, and was selected as the 14th Jane Cooke Wright Lecturer for the American Association for Cancer Research. He has published over 250 manuscripts and book chapters. He is a past Senior Associate Editor for Gastroenterology, the official journal for the American Gastroenterological Association. He completed a 2-year appointment on the National Commission for Digestive Diseases, a U.S. Congressional Commission, after his appointment by Elias Zerhouni, MD, then Director of the National Institutes of Health. He is appointed to the National Diabetes and Digestive and Kidney Diseases Advisory Council for 2022-2025 by Health and Human Services Secretary Xavier Becerra. He was elected a member of the American Society for Clinical Investigation, and elected a member of the American Association of Physicians (AAP), and served as President of AAP for 2018-2019. He was elected a member of the National Academy of Medicine in 2012, the American Academy of Arts and Sciences in 2016, and the Royal College of Physicians in 2021. He received the Robert H. Williams, MD Distinguished Chair of Medicine Award from the Association of Professors of Medicine in 2019, received the CGA Lifetime Achievement Award in 2019, and awarded the Harriet P. Dustan Award for Science as Related to Medicine from the American College of Physicians in 2020. He is currently president-elect of the American Gastroenterological Association, and will be president in 2022.

# PREVIOUS LECTURES

- 2004 **Alan Hofmann, M.D., F.R.C.P., A.G.A.F.**  
*University of California, San Diego*
- 2005 **Balfour Sartor, Ph.D.**  
*University of North Carolina at Chapel Hill*
- 2006 **James L. Boyer, M.D.**  
*Yale University*
- 2007 **Tadataka (Tachi) Yamada, M.D.**  
*President, Bill & Melinda Gates Foundation  
Global Health Program*
- 2008 **D. Montgomery Bissell, M.D.**  
*University of California, San Francisco*
- 2009 **Jeffrey I. Gordon, M.D.**  
*Director, Center for Genome Sciences Washington  
University School of Medicine 2010*
- 2010 **Anna Mae Diehl, M.D.**  
*Chief, Division of Gastroenterology  
Duke University Medical Center*
- 2012 **Irwin Monroe Arias, M.D.**  
*Senior Scientist Emeritus, NICHD  
and Assistant to Director, Intramural Program, NIH*
- 2013 **Henry Binder, MD**  
*Professor of Medicine Emeritus  
Senior Research Scientist  
Yale University*
- 2014 **Michael Camilleri, MD**  
*Professor of Medicine, Pharmacology and Physiology  
Mayo Clinic College of Medicine*
- 2015 **Raymond N. Dubois, MD, PhD**  
*Executive Director  
The Biodesign Institute, Arizona State University*
- 2016 **Hans Clevers, MD, PhD**  
*President of the Netherlands National Academy of Sciences  
Hans Clevers Group, Hubrecht Institute*
- 2017 **Chung Owyang, MD**  
*Division of Gastroenterology  
University of Michigan*
- 2018 **Don Powell, MD**  
*Program Director, Division of Gastroenterology and Hepatology  
University of Texas*
- 2019 **Nicholas O. Davidson, MD, DSc**  
*John E. and Adaline Simon Endowed Professor of Medicine,  
Director, Digestive Disease Research Core Center,  
Chief, Division of Gastroenterology,  
Washington University School of Medicine*
- 2020 **Stephen J. Pandol, MD**  
*Professor of Medicine  
Director, Basic and Translational Pancreas Research  
Program Director, Gastroenterology Fellowship Program  
Cedars-Sinai Medical Center*
- 2021 **Timothy C. Wang, MD**  
*Silberberg Professor of Medicine  
Chief of Digestive & Liver Diseases  
Director of the GI Cancer Program  
Columbia University Irving Medical Center*