



JOHNS HOPKINS
MEDICINE

Nineteenth Lecture
2023

*The Alan Hofmann
Lectureship*

Nicholas F. LaRusso, M.D.

*Charles H. Weinman Professor of Medicine,
Biochemistry and Molecular Biology
Distinguished Investigator of The Mayo Foundation*

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 1931-2021 was Professor Emeritus of Medicine at the University of California, San Diego. Dr. Hofmann was one of the seminal leaders of research in Gastroenterology and Hepatology making landmark discoveries in bile acid physiology and pharmacology. He was responsible for the characterization of many aspects of bile acid metabolism in human and animals; and his studies showed that bile salts not only acted as the body's digestants and laxatives, but also regulated genes involved in bile acid synthesis, altered metabolic processes, and drugs could be developed based on this understanding, for instance obeticholic acid now marketed for primary biliary cholangitis.

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 was the recipient of numerous awards including an honorary degree M.D. *ad honorem* from the University of Bologna, Italy; Fellow, Royal Society of Medicine; the Herbert Falk medal; the Thannhauser medal; Fellow of the Royal College of Physicians (U.K.); Fellow, American Association for the Advancement of Science; and Distinguished Achievement awards from the AGA and AASLD, as well as the Mayo Clinic and the Johns Hopkins Medical Institutions.

The Lectures

CLINICAL LECTURE

THURSDAY, FEBRUARY 23, 2023

M2069 ZAYED ENDOSCOPY CONFERENCE ROOM

8:00 – 9:00 AM

Nicholas F. LaRusso, M.D.

“The Cholangiopathies: From Theories to Therapies”

RESEARCH LECTURE

FRIDAY, FEBRUARY 24, 2023

M2069 ZAYED ENDOSCOPY CONFERENCE ROOM

12:15 – 1:15 PM

Nicholas F. LaRusso, M.D.

“MYC—A Molecular Switch

Driving the Cholangiocyte Response to Injury”



Nicholas F. LaRusso, M.D., is the Charles H. Weinman Endowed Professor of Medicine and a Distinguished Investigator of the Mayo Foundation with sustained and impactful contributions in research, practice, education, and leadership. His research contributions include continuous NIH funding for over 40-years, over 900 publications, an H-index of 105, and over 18,000 citations. His clinical focus on the cholangiopathies has led to novel pathogenetic insights and multiple clinical trials in Primary Sclerosing Cholangitis (PSC) and Polycystic Liver Disease (PLD). He has trained over 100 postdoctoral fellows, summer students and visiting faculty. His intramural administrative responsibilities, all at Mayo, have included founding Medical Director of both the Center for Innovation and the Center for Connected Care, positions as Vice Chair for Research of the Department of Medicine (DOM), Chair of the Division of Gastroenterology and Hepatology, and Chair of the DOM. He coauthored a book entitled “Think Big, Start Small, Move Fast” describing the fusion method of innovation. Dr. LaRusso received his undergraduate degree (magna cum laude) from Boston College, his M.D. degree from New York Medical College, and his training in internal medicine and gastroenterology at Mayo, the latter as an NIH fellow in the laboratory of Alan Hofmann. Before assuming a faculty position at Mayo, he was a guest investigator at the Rockefeller University in the laboratory of the Nobel laureate, Christian de Duve. A member of the American Association of Clinical Investigation and the Association of American Physicians, he is the former editor of *GASTROENTEROLOGY* and past president of both the American Association for the Study of Liver Diseases (AASLD) and the American Gastroenterological Association (AGA). Among other honors, he is a recipient of a MERIT Award and currently the Principle Investigator on three R01s and on a Silvio Conte Digestive Diseases Center grant, all from NIH. He has received Distinguished Achievement Awards from the Mayo Alumni Association and both the AGA and the AASLD, the Distinguished Mentor Award and the Julius Friedenwald Medal from the AGA and was ranked in the top 1% of physicians in the country by US News and World Report.

PREVIOUS LECTURES

2004

Ian 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*

2021-2022

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*