

## Ekram W. Abd El-Wahab MBChB MPH PhD

Physician specializing in tropical health with a doctoral degree in molecular and cellular biology. She is associate professor of tropical health at the High Institute of Public Health, Alexandria University, Egypt. She has studied in Egypt, Japan, France and the USA. She is an expert in early detection, prevention and control of communicable and non-communicable diseases.

#### Jeddú Cruz-Hernández MD MS



Physician with dual specialties in family medicine and endocrinology, and master's degrees in comprehensive women's health care, atherosclerosis research and diagnostic procedures in primary health care. Dr Cruz heads the Working Group on Diabetes and Pregnancy at the Cuban Institute of Endocrinology's Center for Comprehensive Diabetic Care in Havana, Cuba, where he also serves as a member of the Scientific Council. He is responsible for the endocrinology portion of the Cuban Diabetes and Pregnancy Program.



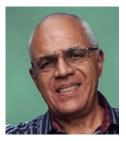
#### Enrique Galbán-García MD PhD

Physician specializing in epidemiology with a doctorate in public health. Dr Galbán is an epidemiologist at Cuba's national Gastroenterology Institute and the Medical University of Havana, where he is a senior researcher and full professor. He has been instrumental in development of the Cuban hepatitis B and meningococcal B vaccines. His research currently focuses on viral hepatitis. liver cirrhosis and colon cancer.



#### Paula Guerra-Librero de Hoyos

Nurse with a nursing degree from the Autonomous University of Madrid, Spain. Ms Guerra works in the Intensive Care Unit at the Puerta de Hierro University Hospital, a tertiary care university facility in Madrid, where she is currently serving on the front lines of the COVID-19 pandemic.









#### Raúl Herrera Valdés MD MS PhD DSc Nephrologist with a master's degree

Nephrologist with a master's degree in epidemiology, a doctorate in medical sciences and a higher doctorate in science. Dr Herrera is a distinguished researcher at the Dr Abelardo Buch Lopez Nephrology Institute in Havana, Cuba, and full and consulting profesor at the Medical University of Havana. His research focuses on chronic kidney disease and in El Salvador, he has served as PAHO consultant for research on the epidemic of chronic kidney disease of uncertain etiology.

## Yeneisy Lanyau-Domínguez MS PhD

Biochemist with a master's degree in nutrition sciences and public health, and a doctorate in health sciences. Dr Lanyau is associate researcher and head of the Vitamins B and C Laboratory in the biochemistry department at the Cuban National Institute of Hygiene, Epidemiology and Microbiology (INHEM), in Havana, where she has worked for the past 25 years. Her current research focuses on interventions in and monitoring of nutrition in children and older adults.

#### Calixto Machado-Curbelo MD PhD FAAN

Physician specializing in neurology and neurophisiology, with a doctorate in medical sciences. Dr Machado is full professor and senior researcher at the Institute of Neurology and Neurosurgery in Havana, Cuba, where he heads the Neurophysiology Laboratory. He is president of the Cuban Society of Clinical Neurophysiology, and chair of the Network on Defining Death of the International Bioethics Association

# Pedro Más-Bermejo MD PhD DSc

Epidemiologist, with a doctorate in medical sciences and a higher doctorate in science. Dr Más is full professor at the Pedro Kourí Tropical Medicine Institute, in Havana, Cuba, and adjunct professor in the department of Public Health and Tropical Medicine at Tulane University in the USA. He is a member of the Cuban Academy of Sciences, which awarded him the title of distinguished researcher.

# **About the Contributors**



# Jesús Esteban Menéndez-Jiménez MD MPH

Physician specializing in gerontology and geriatrics with a master's degree in public health and aging. Associate researcher and associate professor at the Medical University of Havana, Cuba, where he chairs the Rector's Advisory Committee on Geriatrics (CARE). Dr Menéndez is director of the WHO-PAHO Collaborating Center on Public Health and Aging.



#### Plácido Pedroso-Flaquet MD PhD

Physician and epidemiologist with a doctorate in medical sciences. Dr Pedroso is currently advising the health ministry in Dominica, with a leave from his post as research director at Cuba's National Unity for Health Promotion and Disease Prevention (ProSALUD). He is full professor at the Medical University of Havana, Cuba. He has devoted over 30 years to dengue research and control in Cuba and has served as international advisor on infectious disease epidemiology in various countries, including in Haiti during the cholera epidemic.





María Irian Percedo-Abreu DVM PhD Veterinarian with a doctorate in veterinary sciences. Dr Percedo is a senior researcher with the Division of Animal Health in the Clinical and Epidemiology Group at Cuba's National Center for Agricultural Health (CENSA), in San José de las Lajas, Cuba. She has won multiple awards for service and research and directs the Training Center for Disaster Reduction in Animals and Plants. Her research and activism focus on One Health, epidemiology, and disaster and disease reduction in animals

# Carlos Agustín Villegas-Valverde MD MS

Physician with dual specialties in family medicine and immunology, and master's degrees in infectious diseases and medical education. Dr Villegas is on staff at Cuba's National Institute of Oncology and Radiobiology in Havana, where he is also associate researcher and is assistant professor at the Medical University of Havana. He is now participating in a study on stem cell therapy for COVID-19 patients.