

## **CONSUMER BEHAVIOUR AND HEALTHY DIETS**

### **IAFoST Scientific Roundtable Discussion (SRD)**

**organised by the Academy Council**

**Date: July 1, 2021**

**Time: 08.00 to 09.30 Eastern Time North America (GMT-4)**

**Chairs:**

***Academy Presiding Officer Dr. Aman Wirakartakumah and***

***Academy Presiding Officer Elect Dr. Charles Aworh***

### **ROUNDTABLE SPEAKERS**

- ⇒ **Professor Sir Charles Godfray, Oxford Martin School, Oxford University, UK**
- ⇒ **Dr. Pavinee Chinachoti, Chair, Food Innovation and Regulation Network (FIRN) Thailand**
- ⇒ **Dr. Sebastiano Porretta, Senior Researcher, Italian Ministry of Economic Development, Italy**
- ⇒ **Dr. Caroline Smith DeWaal, EatSafe, Gain, USA**
- ⇒ **Dr. Petra Klassen Wigger, Global R&D Scientific Advisor Nutrition and Health, Nestle, Switzerland**

How to create sustainable and resilient food systems to enable healthy diets will be key aspects under consideration by the UN Food Systems Summit. The role of consumer perceptions, food habits, cultural influences, gender, socio-economic and other factors including poverty and urbanization on food choices and food consumption patterns and their effects on nutrition and health including diet-related, non-communicable diseases, and the need for advocacy and public enlightenment on nutritious and healthy diets for food security and wellness will be under discussion during this Roundtable to help inform and strengthen the scientific resource on these subjects.

### **Biographies and Photos of Roundtable Participants**



#### **Professor Sir Charles Godfray**

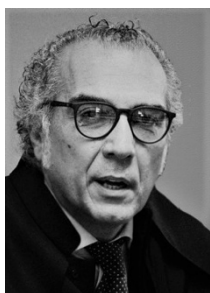
Director of Oxford Martin School, Oxford University, United Kingdom since 2018. Was knighted for services to scientific research and for scientific advice to government in 2017. Sir Charles is a renowned population biologist with broad interests in the environmental sciences. He is interested in how the global food system will need to change and adapt to the challenges facing humanity in the 21<sup>st</sup>

century...and in particular the concept of sustainable intensification, and the relationship between food production, ecosystem services and biodiversity. Professor Godfray has published in fundamental and applied areas of ecology, evolution and epidemiology.



#### **Professor Pavinee Chinachoti**

Professor Pavinee Chinachoti is the Chair of Food innovation and Regulation Network (FIRN) and Advisor of the Food Science and Technology Association of Thailand (FoSTAT). She is currently Independent Consultant at Quest, Ltd. In her career, Dr. Pavinee held several academic positions such as the Director, Nutraceuticals and Functional Foods R&D Center from 2009-2011 and Dean of Agro-Industry, Prince of Songkla University from 2011-2013. Also, she was the Professor at University of Massachusetts Amherst, USA. Her industrial experience includes the Chemistry Leader at the Global Innovation Center, Thai Union Frozen Products PCL, and Product Science Fellow at Hill's Pet Nutrition (*Colgate-Palmolive*), USA. She received her Master and PhD in Food Science from University of Illinois at Urbana-Champaign, USA and BS Degree from Faculty of Science, Mahidol University. Her research interests and experiences involve water mobility in foods, nutraceuticals and functional foods, and food stability (oxidation and physical properties), etc. **US special committees** - Emergency Relief Food Program (USAID-US Army-Institute of Medicine, USA), Chairman of the IFT Committee on Education, expert panelist for FASEB (Federation of American Societies for Experimental Biology) for reviewing US food ingredient claims. **Thailand Special committees** – Past President FoSTAT, Chair of Food Innovation Regulation Network (FIRN) which serves the industry and regulatory authority mainly on providing platforms for private and academia towards roadmaps of innovation of functional and other health foods/products as well as health claim substantiation in order to promote transparency for consumer awareness of product safety and efficacy.



#### **Professor Sebastiano Porretta**

Sebastiano Porretta is senior researcher of the Italian Ministry of Economic Development (formerly Ministry of Industry) at the Experimental Station of the Food Preserving Industry, SSICS, Parma, Italy where he is Head of the Marketing and Consumer Science Department. He is well known to the Scientific Community for research in the study of product development and quality. His original approach to studying the interactions between foods and consumers and evaluating the effects of ingredients and processing on food acceptability is considered ground-breaking. He is Professor of Food Processing at the Catholic University and author/editor of 30 books.

He also serves on editorial board of several international peer-reviewed journals. He is President of the Italian Association of Food Technology.



#### **Dr. Caroline Smith DeWaal**

In 2020, Caroline joined the Global Alliance for Improved Nutrition (GAIN)\* as Deputy Director of EatSafe, a new food safety program with operational components in Washington, D.C., Nigeria and Ethiopia. The USAID-funded EatSafe (Evidence and Action Towards Safe, Nutritious Food) program aims to generate evidence and knowledge on the potential to increase consumer demand for safe food to substantially improve the safety of nutritious foods in informal market settings in low- and middle-income countries (LMICs). She is also assisting the

development of food safety action areas as part of the United Nations Food Systems Summit Action Track 1, Ensure Safe and Nutritious Food for All.

Prior to joining GAIN, Caroline was international food safety manager at the U.S. Food and Drug Administration, where she managed bilateral activities with Canada, Australia, New Zealand and the European Commission and represented the United States in various Codex Alimentarius committees. She is the former director of the food safety program at the Center for Science in the Public Interest, and co-author of *Is Our Food Safe? A Consumer's Guide to Protecting Your Health and the Environment* (Three Rivers Press, 2002). DeWaal has served as an expert for several World Health Organization consultations on food safety, and on FDA, USDA, and CDC food safety advisory panels. She is a graduate of the University of Vermont and Antioch School of Law.

*\*GAIN is a Swiss-based foundation launched at the UN in 2002 to tackle the human suffering caused by malnutrition. Working with governments, businesses and civil society, GAIN aims to transform food systems so that they deliver more nutritious food for all people, especially the most vulnerable.*



#### **Dr. Petra Klassen Wigger**

Dr. Petra Klassen Wigger is the global R&D Scientific Advisor for Nutrition and Health. She holds a PhD in Nutrition from the University of Hohenheim, Stuttgart. After five years of research activities in Guatemala she joined Nestlé working in different functions, first at Nestlé Research and consequently in the Nestlé Nutrition Institute. During her time as Medical & Scientific Affairs Manager at the Nestlé Nutrition Institute she strengthened the institute's contribution to the nutrition communication for healthcare professionals through peer reviewed publications, accredited e-learning and trainings. She also co-chaired the Health &

Wellness pillar of the Consumer Goods Forum and, in this role, delivered a sharper strategy for the pillar. In the last few years scoped untapped opportunities in relevant consumer trends and built a strong foundation for the Nestlé for Healthier Kids program to establish healthier eating habits. She also works on various projects related to nutrition and health such as tackling undernutrition through micronutrient fortification.

#### **Academy Council:**



**Aman Wirakartakusumah, Academy Presiding Officer**, (co-chair) is a scientific leader, experienced administrator, a diplomat at the highest levels internationally and is known as a person who is dedicated to service above self who brings people and viewpoints together. He has a strong grasp of IUFOST's issues and IAFoST vision and is committed, passionate and has unbounded drive in everything he does for the Union and the Academy. He was Indonesian Ambassador to UNESCO, Rector of two Indonesian universities, and highly-regarded chair of IUFOST's Education Committee and the World Bank-initiated Global Food Safety Curricula Initiative. He is a member of the Indonesia Academy of Sciences, has led Indonesia in establishing

educational standards and is actively engaged with ASEAN/APEC countries in implementing food safety policies, measures and educational standardisation.



**Ogugua Charles Aworh, Academy Presiding Officer Elect** (co-chair) is Lifetime Achievement Award recipient and past Academy Chair of the Nigerian Institute of Food Science and Technology (NIFST). He obtained a B.Sc. (Hons) from the University of Ibadan (UI), Nigeria; MSc and Ph.D. in Food Science and Technology from Cornell University, USA. He is Distinguished Professor and served three-terms as Head, Department of Food Technology, UI. He has been visiting Research Fellow/Professor at University of Leeds, UK; University of British Columbia, Canada; and Alexander von Humboldt Research Fellow, Hamburg University of Technology, Germany. He is pioneer Chairman of UI's Multidisciplinary Central Research Laboratory. His areas of research include post-harvest technology and processing, food safety, biotechnology, and capacity building. He has over 100 scientific publications and has supervised 120 MSc and 17 PhD students. He led WAAFoST's [IUFOST Regional Body] contribution to IAFoST/ IUFOST Global Challenges Report and is mentor for African Women in Agricultural Research and Development and IUFOST young scientists.



**Roger Clemens Academy Past President** is part-time faculty within USC's School of Pharmacy where he enjoys adjunct appointments as Professor of Pharmacology and Pharmaceutical Sciences and Assistant Professor of Regulatory and Quality Sciences. Dr. Clemens is a past president of the Institute of Food Technologists (IFT) and is the immediate past presiding officer of the International Academy of Food Science and Technology (IAFoST). He co-founded, established and contributes to a Food, Medicine and Health column published monthly in Food Technology for the past 16 years. He is an elected Fellow in the Institute of Food Technologists, American Society for Nutrition, American College of Nutrition, and International Academy of Food Science and Technology



**Chin-Kun Wang, Academy Councillor** (rapporteur) is a distinguished professor in Chung Shan Medical University (CSMU). He served as the Chair of the School of Nutrition, the Dean of the College of Health Care and Management, Vice President and President of CSMU and contributed much in health promotion. When he served as the President of "Nutrition Society of Taiwan (NST)", successfully promoted the role of dietitian for human health with School Sanitary Law and National Nutrition Act. He organized two international conferences for International Society for Nutraceuticals and Functional Foods (ISNFF) in 2008 and 2013 respectively and served as the president of ISNFF (2014-2016). He organized and presided over the International Conference of Nutrition and Physical Activity (NAPA) in 2018 and the International Conference of Food Safety and Health (FSAH) in 2019.



**Jairo Romero, Academy Councillor**, (rapporteur) Food Engineer, M. A. in Education is an expert on strengthening national food control systems, proficient in Food Safety Risk Management and in Scientific Regulatory Affairs. Author of numerous presentations, articles, chapters and books, Mr. Romero has been an active member of the Food Science and Technology community worldwide. He was President of Colombian Association of Food Science and Technology – ACTA, 2008 – 2012. As President of the Latin America and the Caribbean Association of Food Science and Technology, ALACCTA 2016 – 2018 he significantly increased ALACCTA's visibility and influence and strengthened its relations with IUFOST. In 2013 he served the VAFOST/IUFOST Volunteer Professor Program and in his capacity as member of

IUFoST Governing Council in 2015 represented the Union in IUFoST/GFSP World Bank Striking Poverty Dialogue. Fellow of IAFoST since 2016, Mr. Romero has played a key role in the current debate about processed foods in international scientific, political and other public scenarios.