

Web Based Scientific Programme

Pre-Congress Workshop on 'Advances in Infectious Diseases'

24th August 2021

7.00 - 7.20 am	<i>Advances in Immunology related to infectious diseases</i> Professor Nicholas T. Funderburg Associate Professor of Division of Medical Laboratory Science The Ohio State University, United States of America
7.20 - 7.40 am	<i>Advances in Molecular Virology</i> Professor Jesse Kwiek Associate Professor, Vice Chair for Teaching & Undergraduate Affairs Department of Microbiology, The Ohio State University, United States of America
7.40 - 8.00 am	<i>Advances in Vaccinology</i> Professor Purnima Dubey Associate Professor of Microbial Infection and Immunity, The Ohio State University, College of Medicine, United States of America
8.00 - 8.20 am	<i>Advances in Therapeutics for infectious diseases</i> Dr. Bradford McGwire Infectious Disease – Physician, The Ohio State University – Wexner Medical Center, United States of America
8.20 - 9.00 am	Discussants On Vaccines by Dr. Kanthi Nanayakkara Consultant Virologist and Vaccinologist, Head / Department of Rabies & Vaccine QC, National Control Laboratory, Medical Research Institute, Colombo, Sri Lanka On Immunology Dr. Rajiva De Silva Consultant Immunologists, Medical Research Institute, Colombo, Sri Lanka On Molecular virology Dr. Rohitha Muthugala Consultant Medical Virologist, Teaching Hospital Kandy, Sri Lanka On Therapeutics Dr. Ananda Wijewickrama Consultant Physician, National Institute of Infection Diseases, Angoda, Sri Lanka
9.00 am	End of the first session of the day

<p>4.00 - 4.30 pm</p>	<p>Scientific writing</p> <p><i>Plagiarism: why and how it should be avoided?</i></p> <p>Professor Barbara Gastel Joint Professor of Integrative Biosciences, Humanities in Medicine and Biotechnology, Texas A & M University College of Medicine. United States of America</p>
<p>4.30 - 5.00pm</p>	<p><i>“Composing a masterpiece: making your data sing”</i></p> <p>Professor Eugene Oltz Chair, Department of Microbial Infection and Immunity, Samuel Saslaw, Professor of Infectious Diseases, Microbial Infection and Immunity, United States of America</p>
<p>6.00 pm</p>	<p>INAUGURATION</p>

**30th Annual Scientific Sessions of the Sri Lanka College of Microbiologists
2021, which is being organized as an International Conference under the
theme**

**“Threat of new and re-emerging infections: Role of novel tools and
technologies to face challenges”**

in collaboration with The Ohio State University, United States of America

Day 1 – 25.08.2021

7.00 - 7.30 am	GUEST LECTURE 1 <i>Infection prevention and control measures for drug-resistant tuberculosis in healthcare settings</i> Dr. Rajesh Deshmukh Public Health Specialist-TB, Division of HIV and Tuberculosis, Centers for Disease Control and Prevention CDC/DGHT, India
7.30 - 8.00 am	GUEST LECTURE 2 <i>Pulmonary Infections and the pathogenesis of cardiac dysfunction</i> Professor Murugesan Rajaram Associate Professor, Department of Microbial Infection and Immunity, The Ohio State University, United States of America
8.00 - 8.30 am	GUEST LECTURE 3 <i>Pathogenesis and Biofilm formation of recently circulating strains of Bordetella pertussis</i> Professor Rajendra Deora Associate Professor, Department of Microbial Infection and Immunity, Department of Microbiology, The Ohio State University, United States of America
8.30 - 9.00 am	GUEST LECTURE 4 <i>Determinants of SHIV Replication in Macaque Lymphocytes</i> Professor Amit Sharma Assistant Professor, Department of Veterinary Biosciences, Department of Microbial Infection & Immunity, The Ohio State University, United States of America
9.00 - 10.00am	Free Paper Session 1
10.00 - 11.00am	Free Paper Session 2
11.00 -11.30 am	Plenary 1 <i>TBD (Respiratory viruses /Emerging Viral Disease Threats)?</i> Professor Malik Peiris Chair Professor in Virology the School of Public Health, University of Hong Kong, Hong Kong

<p>11.30-12.30 pm</p>	<p>Symposium 1 - Covid-19: risks and mitigation of future pandemics</p> <p><i>Virological aspects of COVID-19</i> Dr. Rohitha Muthugala Consultant Medical Virologist, Teaching Hospital Kandy, Sri Lanka</p> <p><i>COVID 19 vaccines and immune response</i> Professor Neelika Malavige Professor in Microbiology and Director, Centre for Dengue Research, Professor in Department of Immunology and Molecular Medicine, Faculty of Medical Sciences, Nugegoda, Sri Lanka</p> <p><i>Management of COVID-19</i> Dr. Ananda Wijewickrama Consultant Physician, National Institute of Infection Diseases, Angoda, Sri Lanka</p>
<p>12.30 – 1.00 pm</p>	<p>Plenary 2</p> <p><i>The forgotten organ of the body - "THE MICROBIOME"</i> Dr. Rohini Wadanamby Consultant Clinical Microbiologist, Lanka Hospital PLC, Colombo, Sri Lanka</p>
<p>1.00-1.30pm</p>	<p>Plenary 3</p> <p><i>Ethics and professionalism</i> Professor Panduka Karunanayake Specialist Physician, Professor, Department of Clinical Medicine, Faculty of Medicine, University of Colombo, Sri Lanka</p>
<p>1.30 pm</p>	<p>End of the first session of the day</p>
<p>4.00-5.00</p>	<p><i>Symposium 2 -Advances in pathogenesis, diagnosis and treatment of infectious diseases</i></p> <p><i>Diagnosing Fungal Infections: selecting the right tools</i> Professor Nelun Perera Consultant Microbiologist & Virologist, University Hospitals of Leicester & Hon. Associate Professor, University of Leicester, United Kingdom</p> <p><i>Omics approaches to understand pathogenesis and develop therapeutics for infections, and chronic inflammatory diseases</i> Professor Eugene Oltz Chair, Department of Microbial Infection and Immunity, Samuel Saslaw Professor of Infectious Diseases, Microbial Infection and Immunity, United States of America</p>

	<p><i>De novo fatty acid biosynthesis and HIV replication.</i> Professor Jesse Kwiek Associate Professor, Vice Chair for Teaching & Undergraduate Affairs Department of Microbiology, The Ohio State University, United States of America</p>
5.00-5.30	<p>Plenary 4</p> <p><i>No respite in the war: resistance to the newest antibiotics</i> Professor David Livermore Professor of Medical Microbiology, University of East Anglia, United Kingdom</p>
5.30 – 6.30	<p><i>Symposium 3 - AMR and One health</i></p> <p><i>Animal health</i> Dr. R.S. Kalupahana Faculty of Veterinary Medicine & Animal Science, University of Peradeniya, Sri Lanka</p> <p><i>Environmental health</i> Dr. Priyani Amerasinghe</p> <p><i>AMR: In food safety perspective</i> Dr. Sujatha Pathirage Consultant Microbiologist, Additional approved analyst (food microbiology) Head, Department of Food Microbiology, Medical Research Institute, Colombo, Sri Lanka</p>
6.30-7.00pm	<p>Plenary 5</p> <p><i>Travel health</i> Professor David R. Hill Professor of Medical Sciences, Quinnipiac University, Director, Institute for Global Public Health, Frank H. Netter MD, School of Medicine at Quinnipiac University, United States of America</p>
7.00- 7.30 pm	<p>GUEST LECTURE 5</p> <p><i>Adjuvants and immunization strategies to enhance mucosal immunity</i> Professor Purnima Dubey Associate Professor of Microbial Infection and Immunity, The Ohio State University, College of Medicine, United States of America</p>
7.30 pm	<p>End of the day one proceedings</p>

Day 2 -26.08.2021

7.00- 7.30am	<p>Plenary 6</p> <p><i>Lessons learnt and Epidemiological aspects: COVID 19</i> Professor Michael Oglesbee Director, OSU Infectious Diseases Institute, Faculty Lead, OSU Infectious Diseases Discovery Theme, Director, College Summer Research Program and Infectious Diseases Signature Program</p>
7.30- 8 .00am	<p>GUEST LECTURE 6</p> <p><i>Climate change and health</i> Ms. Elena Villalobos Prats Technical Officer, Lead for Capacity Building and Country Support on Climate Change and Health, Climate Change and Health Unit, Department of Environment, Climate Change and Health, World Health Organization Headquarters, Geneva.</p>
8.00-8.30am	<p>Dr. Getnet Yimer Ohio State GOHi Regional Director for Eastern Africa</p>
8.30 – 10.00am	<p>Symposium 4 - Advanced Medicine- title to be reviewed</p> <p><i>From PCR to Next Generation Sequencing: How to establish a diagnostic lab</i> Professor Andreas Nitsche Professor in virology Head of the division Highly Pathogenic Viruses, Head of German Consultant Laboratory Poxviruses, Robert Koch Institute Berlin, Germany</p> <p><i>Infection prevention and control implications in designing of health care facilities</i> Mr. Janaka Wickramarachchi Consultant, Biomedical Engineering, M/s. Technomedics International (Pvt.) Ltd, Battaramulla. Sri Lanka</p> <p><i>ISO 15189: Medical Laboratory Accreditation</i> Ms. Chanditha Ediriweera Deputy Director (Accreditation), Sri Lanka Accreditation Board for Conformity Assessment, Ministry of Trade, Sri Lanka</p> <p><i>Issues related to implementation of technical requirements for microbiology in medical laboratory accreditation in Sri Lanka</i> Dr. Kushlani Jayatilleke Consultant Microbiologist, Sri Jayewardenapura General Hospital, Nugegoda, Sri Lanka</p>
10.00 -11.00 am	<p>Free paper session – 3</p>
11.00am	<p>End of the first session of the day</p>

4.00-4.30 pm	<p><i>Plenary 7</i></p> <p>AMR and the effects of COVID Dr. Adam Roberts Reader, Antimicrobial Chemotherapy and Resistance, School lead for AMR and DR Policy advisor for RSTMH, Liverpool School of Tropical Medicine, United Kingdom</p>
4.30-5.30 pm	<p><i>Symposium 5 - Role of insects in the world of microbiology</i></p> <p><i>Transgenic technology to combat dengue mosquito vector Aedes aegypti</i> Professor Ranil Dassanayake Senior Professor in Biochemistry and Molecular Biology, Department of Chemistry, University of Colombo, Sri Lanka</p> <p><i>Leishmaniasis</i> Dr. Sanath Senanayake Senior Lecturer, Department of Parasitology, Faculty of Medicine, University of Colombo, Sri Lanka</p> <p><i>Lymphatic filariasis</i> Professor T. Channa Yahathugoda Professor in Parasitology, Department of Parasitology, Faculty of Medicine, University of Ruhuna, Galle, Sri Lanka</p>
5.30-6.00 pm	<p><i>Plenary 8</i></p> <p><i>Post-acute Covid-19 syndrome</i> Professor Namal Liyanage Assistant Professor, Department of Microbial Infection and Immunity, College of Medicine, The Ohio State University, United States of America</p>
6.00 – 6.30 pm	<p>GUEST LECTURE 8</p> <p><i>Clinical approach to manage infections before and after liver Transplantation</i> Dr. Anita Verma Consultant Medical Microbiologist, King’s College Hospital, London, United Kingdom</p>
6.30 – 7.00 pm	<p><i>Plenary 9</i></p> <p><i>Host Targeted therapies for treating infections</i> Professor Abhay Satoskar Professor and Vice Chair, Departments of Pathology and Microbiology The Ohio State University, United States of America</p>
7.00- 7.30 pm	<p>Award ceremony and close of conference</p>