

## Pre-Conference Webinar No. 4 COVID-19; The Global Pandemic

iPURSE, the signature annual conference of University of Peradeniya, is scheduled to be held on 19<sup>th</sup> and 20<sup>th</sup> of August 2021 at the Faculty of Arts, University of Peradeniya. It promises to be a wonderful platform for researchers from a wide spectrum of disciplinary backgrounds to showcase their research outcomes. This webinar is part of a series of pre-conference webinars organized by the iPURSE Committee, together with the International Relations Office (InRO) of the University.

**Date: 28<sup>th</sup> April 2021 | Time: 10.30 AM (IST)**

### COVID-19: Where Did It Come from and Where Is It Going?

The COVID-19 pandemic is considered the greatest public health challenge of the past one hundred years. Still, there are many controversies regarding the origin, pathogenesis, transmission and treatment of this novel coronavirus infection. An understanding of the origin of the infection is critical in preventing such pandemic in the future. Understanding transmission evidence-based public health interventions. Being RNA viruses that undergo high rates of mutation, SARS-CoV-2 now manifests the emergence of mutants with increased transmissibility and some with the capacity to evade immunity from the previous infection and perhaps some vaccines. This webinar session will present and discuss our present understanding of the COVID-19 pandemic as it progresses from its origins to the present day.

### The Magic Bullets to End the Pandemic

Vaccines are considered the most effective strategy to control the COVID-19 pandemic. Multiple pharmaceutical industries initiated and manufacture millions of vaccines against COVID-19. The COVID-19 vaccine is one of the vaccines approved for human use within a very short period of time. Hence, many unanswered questions are ahead of us while taking the vaccine. Can vaccine eliminate or successfully control the pandemic despite frequent mutations of the virus? What is the current evidence to prove the effectiveness of the vaccines and their safety? This webinar session will address the science underneath the vaccines against the COVID-19 based on published research evidence.

### SPEAKERS



**Professor Sriyal Malik Peiris**

*Chair of Virology, School of Public Health,  
University of Hong-Kong*



**Professor Neelika Malavige**

*Professor and Head,  
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and Molecular Medicine,  
Faculty of Medical Sciences,  
University of Sri Jayewardenepura,  
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### MODERATOR



**Professor SAM Kularatne**

*Senior Professor and Professor in Medicine,  
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Sri Lanka.*

Registration: Via the QR code or following link



<https://forms.gle/Gpqy8pFDqavhDy7r5>

For more information:

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