

# IVI's 20<sup>th</sup> International Vaccinology Course Agenda



September 06-10 2021

Korea Standard Time (PM)

## SEPT 06 MON DAY 1 Opening & Role of International Organizations in the COVID-19 Pandemic Response

### Opening Session

3:00-3:05	0-1	Opening Remarks
3:05-3:10	0-2	Congratulatory Remarks
3:10-3:20	0-3	Keynote Speech

### Role of International Organizations in the COVID-19 Pandemic Response

3:20-3:45	1-1	Global COVID-19 Situation
3:45-4:10	1-2	SARS-CoV-2 Variants of Concern Update
4:10-4:30	1-3	Global Supply of COVID-19 Vaccines - COVAX Facility
4:30-4:50	1-4	Vaccine Diplomacy
4:50-5:15	1-5	COVID-19 Different Vaccine Platforms Development
5:15-5:40	1-6	COVID-19 Vaccine Roll-out Lessons Learned
5:40-6:00	1-7	Opportunity for Developing Country Vaccine Manufacturing Capacity
6:00-6:20	1-8	Is COVID-19 Elimination possible?

## SEPT 07 TUE DAY 2 Immunology of COVID-19

3:00-3:25	2-1	Basic Immunology
3:25-3:50	2-2	Immunology – Wild-type infection, re-infection, and herd immunity
3:50-4:15	2-3	Immune Correlate of Protection
4:15-4:40	2-4	Systems Serology
4:40-5:05	2-5	Structure-based Vaccine Design

## SEPT 08 WED DAY 3 Pre-clinical Studies and Vaccine Development for COVID-19

3:00-3:25	3-1	Overview of Vaccine Development and Manufacturing
3:25-3:50	3-2	Role of Adjuvants in Vaccine Design
3:50-4:15	3-3	Vector-based COVID-19 Vaccine
4:15-4:40	3-4	Laboratory Assessment of Vaccines
4:40-5:05	3-5	Vaccine Development in Non-human Primate Model

## SEPT 09 THUR DAY 4 Clinical Development, Clinical Data, Knowledge gaps

3:00-3:25	4-1	Vaccine Clinical Development
3:25-3:50	4-2	Statistical Methods for Vaccine Development
3:50-4:15	4-3	Maternal Immunization
4:15-4:40	4-4	Post-authorization Safety Update
4:40-5:05	4-5	Vaccine Communication and Vaccine Hesitancy

## SEPT 10 FRI DAY 5 AMR, Epidemiology and Health Economics

3:00-3:25	5-1	Role of Vaccines in Reducing AMR
3:25-3:50	5-2	Sequencing in AMR
3:50-4:15	5-3	Evaluating Vaccine Protection in Clinical Trials : Efficacy versus Effectiveness
4:15-4:40	5-4	Role of Health Economics and Financing in New Vaccine Introduction
4:40-5:05	5-5	Introduction to Disease Transmission Modeling
5:05-5:10	5-6	Closing Remarks

Sponsored by :

