

Program for The 8th RIKEN-KI-SciLifeLab Symposium : *Preparing for the next pandemic*

Date: 2022-10-20 (Thursday) **Venue:** Air&Fire, SciLifeLab Stockholm, Sweden **Organizers:** KI / RIKEN / SciLifeLab

Time	Activity	Presenter/Chair
08:45 - 09:30	<i>Coffee, sandwich and registration</i>	<i>Delta</i>
	<i>Symposium opening</i>	<i>Chair: Dr Carsten Daub</i>
09:30 - 09:40	Opening remarks by SciLifeLab	Dr Olli Kallioniemi <i>Director, SciLifeLab</i>
09:40 - 09:50	Opening remarks by RIKEN Center for IMS	Dr Kazuhiko Yamamoto <i>Director, Center for Integrative Medical Sciences, RIKEN</i>
09:50 - 10:00	Opening remarks by Karolinska Institutet	Dr Catarina Almqvist Malmros <i>Deputy Chair Karolinska Institutet Committee for Research</i>
10:00 - 10:10	Opening remarks via video by Karolinska Institutet	Dr Ole Petter Ottersen via recorded video <i>Rektor Karolinska Institutet</i>
10:10 - 10:20	Opening remarks by JSPS	Dr Kazuyuki Kuroda <i>Director of JSPS Stockholm Office</i>
	<i>Section 1: Global and national policies and considerations</i>	<i>Chair: Dr Harukazu Suzuki</i>
10:20 - 10:45	Pandemic preparedness in Europe	Dr Jonathan Suk <i>European Centre for Disease Prevention and Control</i>
10:45 - 11:10	Human immune diversity for infection and vaccine development	Dr Kazuhiko Yamamoto <i>Director, Center for Integrative Medical Sciences, RIKEN</i>
11:10 - 11:30	<i>Water and fruit Break (20 min)</i>	<i>Delta</i>
	<i>Section 2: Diagnosis and Modelling</i>	<i>Chair: Dr Staffan Svärd</i>
11:30 - 11:50	Amplification-free digital RNA detection platform for rapid COVID-19 diagnosis	Dr Rikiya Watanabe <i>Cluster for Pioneering Research, RIKEN</i>
11:50 - 12:10	Modelling the pandemic when everything is uncertain	Dr Lisa Brouwers <i>Public Health Agency Sweden</i>
12:10 - 12:30	Modeling the diversity of COVID reactivity and symptoms	Dr Tetsuo Ishikawa <i>Advanced Data Science Project, RIKEN</i>
12:20 - 13:40	<i>Lunch Break (70 mins)</i>	<i>Delta</i>
	<i>Section 3: Virus interaction with the host</i>	<i>Chair: Dr Chung-Chau Hon</i>
13:40 - 14:00	Human gut microbiota and its metabolites impact immune responses in COVID-19 patients	Dr Hiroshi Ohno <i>Center for Integrative Medical Sciences, RIKEN</i>
14:00 - 14:20	The community study during COVID-19	Dr Charlotte Thålin <i>KI/Danderyd</i>
14:20 - 14:40	Transdermal adjuvant for next-generation vaccines	Dr Hidehiro Fukuyama <i>Center for Integrative Medical Sciences, RIKEN</i>
14:40 - 15:00	Immunomonitoring during the COVID-19 pandemic	Dr Petter Brodin <i>Karolinska Institutet</i>
15:00 - 15:20	Variation in promoter activity upon infection by different strains of SARS-Cov2	Dr Saumya Agrawal <i>Center for Integrative Medical Sciences, RIKEN</i>
15:20 - 15:40	<i>Coffee Break (20 mins)</i>	<i>Delta</i>
	<i>Section 4: Preparedness and Planning</i>	<i>Chair: Dr Anna Zorzet</i>
15:40 - 16:00	Immune responses and COVID-19, elderly samples	Dr Mattias Forsell <i>Umeå University, SciLifeLab</i>
16:00 - 16:20	Large-scale diagnostics and tracking of SARS-CoV-2 variants – lessons learned for the next pandemic	Dr Lars Engstrand <i>Director, National Pandemic Center</i>
16:20 - 16:40	The Swedish PLP program- going from basic research to infrastructure integrated pandemic laboratory preparedness	Dr Staffan Svärd <i>Uppsala University, SciLifeLab</i>
	<i>Symposium closing</i>	<i>Chair: Dr Chung-Chau Hon</i>
16:40 - 16:45	Closing remarks	Organizers
16:45 - 18:00	<i>Mingle with finger food and wine for all symposium participants</i>	<i>Delta</i>