Thursday November 2, 2023:

Science of Vaccine Development

08.00–08.20 Registration
08.20–08.30 Opening: Dean, Faculty of Medicine, Chulalongkorn University
08.30–09.10 What’s Known, What’s New in mRNA Vaccine
   Drew Weissman
   U of Pennsylvania, USA
09.10–09.50 What’s Known, What’s New in Lipid Nanoparticle
   James Heyes
   Genvant Science, Canada
09.50–10.30 Modelling mRNA Production Process
   Joan Cordiner
   University of Sheffield, UK
10.30–10.40 Coffee Break
10.40–11.20 Development of mRNA–LNP vaccines for Clostridium difficile
   Mohamad–Gabriel Alameh
   U of Pennsylvania, USA
11.20–12.00 Targeting mRNA for Therapy
   Drew Weissman
   U of Pennsylvania, USA
12.00–13.00 Lunch Break
13.00–14.00 Current and Future TB Vaccines
   Gerald Voss
   Tuberculosis Vaccine Initiative (TBVI), The Netherlands
14.00–15.20 ChulaVRC – Vaccine Development Update (20 minutes each)
   – Allergy Vaccine
     Kiat Ruxurungham
     Chula VRC and Chula SGH, Chulalongkorn University, Thailand
   – Detachable Dissolvable Microneedle: a New mRNA Vaccine Delivery System
     Supason Wanichwecharungruang
     MINEED Technology and Chulalongkorn University, Thailand
   – HPV Vaccine
     Eakkachai Prompetchara, Supichcha Saithong
     Chula VRC, Chulalongkorn University, Thailand
   – Dengue Vaccine
     Chuttorn Ketoy
     Chula VRC, Chulalongkorn University, Thailand

Friday November 3, 2023:

Pandemic Preparedness and Vaccine Equity

08.30–09.00 WHO Current and Future Direction for Vaccine Equity
   Martin Howell FRIEDE
   Product and Delivery Research (PDR) at World Health Organization (WHO)
09.00–09.30 Lesson Learned from Chula VRC Covid-19 Vaccine
   Kiat Ruxurungham
   Chula VRC and Chula SGH, Chulalongkorn University, Thailand
09.30–10.00 Afrigen and mRNA Vaccine Tech Transfer Hub
   Petro Terblanche
   Afrigen Biologics, South Africa
10.00–10.30 Priority Target for Vaccine Development
   Amin Khan
   Afrigen Biologics, South Africa
10.30–10.50 Coffee Break
10.50–11.20 National Funding Paradigm Shift for Pandemic Preparedness
   Nakorn Premsi
   National Vaccine Institute (NVI), Thailand
11.20–12.50 Putting Equity at the Centre of Pandemic Countermeasures R&D (Panel Discussion)
   Hani Kim, Patricia Neves, Roy Himawan, Patrick Osewe, Richard Gordon, Els Torreele
12.50–13.50 Lunch Break
13.50–15.20 Increasing Vaccine Access: Towards a Regulatory Pathway for Generic Vaccines (Panel Discussion)
   Achal Prabhala, Claudia Vaca-Gonzales, Michael de Wilde, Representatives from Bangladesh and South Korea

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