

BIO Asia–Taiwan 2021 Conference

Session 10 – Advances of Cytokine-based Therapeutics

(Previously Proposed as Breakthrough in Genomic Platform Technology)

Date / Time: Friday, July 23, 2021 | 9:00 – 10:30 (Taipei Time)

Venue: www.bioasiataiwan.com Online Event Platform

Organizer: Academia Sinica

Co-organizer: Tang Prize Foundation

Synopsis:

Cytokines have profound multi-organ, multi-tissue and multi-cellular impact on cell signaling. They are referred to as immunomodulating agents by being important in host immune responses to infection and are associated with the development and progression of a variety of diseases, including inflammatory diseases, autoimmune syndromes and cancer. Some cytokines are designated as interleukins. The discovery and the cutting-edge therapeutic development of interleukins will be presented in the session.

Welcome to join all the well-known international scientists including 3 outstanding Tang Prize winners, to learn more about the innovative trends of Cytokine-based Therapeutics, including the potential treatment of COVID-19, and how we can collaborate on a global scale in this exciting topic.

Agenda:

09:00 – 09:05	Opening Remarks Han-Chung Wu, Director, BioMedical Translation Research Center, Academia Sinica
09:05 – 09:25	Anti-TNF therapy: past, present and future Marc Feldmann, Professor, University of Oxford, UK; 2020 Tang Prize Laureate
09:25 – 09:45	The Broad Spectrum of Interleukin-1 in Inflammatory Disease Charles Dinarello, Professor, University of Colorado, USA; 2020 Tang Prize Laureate
09:45 – 10:05	IL-6 revisited; from Arthritis to CAR-T cell therapy and COVID-19 Tadamitsu Kishimoto, Professor, Osaka University, Japan; 2020 Tang Prize Laureate
10:05 – 10:28	Immune checkpoint therapy on cancer & Concluding Remarks Mien-Chie Hung, Academician of Academia Sinica, Taiwan; President, China Medical University, Taiwan
10:28 – 10:30	Closing Remarks Han-Chung Wu, Director, BioMedical Translation Research Center, Academia Sinica