

THE

IMMUNOLOGS

ITRP News

Dr Makoto Yawata has been appointed Programme Director (Master of Clinical Investigation), Yong Loo Lin School of Medicine, with effect from 1 October 2021, taking over from Associate Professor Allen Yeoh. Dr Yawata is no stranger to the MCI Programme, having joined in 2012, before being appointed its Curriculum Director in 2016. As its Programme Director, Dr Yawata will continue guiding and supporting the career development of clinician-scientists, and enhancing training in clinical research and investigative medicine through the MCI Programme.

Our clinical Director, Dr Lim Hui Fang, was awarded an NUSMed B2B Collaboration Grant. The aim of the grant is a collaboration between the Clinician-Scientist Development Unit (CSDU) and the Office of Postdoctoral Affairs (OPA), and it aims to promote collaboration between budding clinician-scientists and their young scientist counterparts in NUS Medicine.

Associate Professor Paul MacAry has been working with local biotech start-up, Gen-Y Biologics, on test kits to track human immunity against six different strains of COVID-19 and will be used to support Singapore's and our neighbouring countries' COVID-19 management strategies. 10,000 of these kits will be distributed to 5 key hospitals in Vietnam in partnership with DCA as part of data collection for this study, with NUSMedicine providing technical assistance to the hospital labs.

Congratulations to Dr Yawata, Dr Lim and Prof MacAry, continue to fly the Programme flag high!

News From Around The World

Erythroid mitochondrial retention triggers myeloid-dependent type I interferon in human SLE (Caielli et. al., Cell, 19 Aug 2021)

Combining immunocytokine and ex vivo activated NK cells as a platform for enhancing graft-versus-tumor effects against GD2⁺ murine neuroblastoma (Bates et. al., Frontiers in Immunology 19 Aug 2021)

Hybrid immunity improves B cells and antibodies against SARS-CoV-2 variants (Andreano et. al., Nature, 20 Oct 2021)

NLRP3 inflammasome activation triggers gasdermin D-independent inflammation (Wang et. al., Science Immunology, 22 Oct 2021)

Efficacy and safety of Itepekimab in patients with moderate-to-severe asthma (Wechsler et. al., New England Journal of Medicine, 28 Oct 2021)

NLRP3-activated bone marrow dendritic cells play antileukemic roles via IL-1 β /Th1/IFN- γ in acute myeloid leukemia (Liu et. al., Cancer Letters, 1 Nov 2021)

Events in November



Friday | 12 November 2021 | 11AM-12PM

Miltenyi Biotec Learning Workshop

The MACSima™ Imaging Platform – the only complete solution for ultrahigh-content imaging



Wednesday | 17 November 2021 | 9AM-12.30PM

Singaporean Society for Immunology

OPEN FOR REGISTRATION: SgSI Virtual mini-Symposium on Inflammation & Cancer



Wednesday | 24 November 2021 | 4PM-4.45PM

Jonathan Foo

NUSMED ITRP Research in Progress: Role of oxidative stress in EV71 infection



28 November 2021-1 December 2021

British Society for Immunology

OPEN FOR REGISTRATION: British Society for Immunology Congress 2021 (Hybrid event)



6-9 March 2022

Keystone Symposia on Molecular and Cellular Biology

OPEN FOR REGISTRATION: Innate Immune Memory: From Evolutionary Roots to Human Disease

&

Myeloid Cells: From Birth to Immunity and Disease