

Singapore Institute for Clinical Sciences (SICS)

Clinical Nutrition

Name	Project	Degree By
Prof Jeyakumar Henry Prof at YLLSoM, NUS jeya_henry@sics.a-star.edu.sg	Energy regulation, body weight maintenance, protein metabolism, glycemic index and type 2 diabetes.	NUS

Clinical Research

Name	Project	Degree By
Dr Lee Yung Seng Prof at Uni Children's Medical Institute, NUHS paeleey@sics.a-star.edu.sg	Prenatal, perinatal, and postnatal determinants of adiposity and metabolic phenotype in childhood.	NUS
Dr Melvin Leow melvin_leow@sics.a-star.edu.sg	Brown fat activity measurement with infrared imaging thermography and thermogenesis. Assessment of phosphocreatine recovery, proton handling, and muscle oxygenation in Thyroid Disorders using 31P Magnetic Resonance Spectroscopy and Near Infrared Spectroscopy.	Nil

Infection & Immunity

Name	Project	Degree By
Prof Makoto Yawata makoto_yawata@sics.a-star.edu.sg	Investigating the roles of natural killer cells in hematopoietic stem cell transplant and hematological malignancy. Engineering new approaches for human NK cell response enhancement against cancer. Investigation of NK cell biology in tissues.	NUS

Bioinformatics & Biostatistics

Name	Project	Degree By
Dr Neerja Karnani neerja_karnani@sics.a-star.edu.sg	Genome based evaluation of epigenetic regulatory networks (DNA methylation, post-translational modification of histones, and non-coding RNAs) to identify biomarkers for early prevention /intervention of metabolic and neurocognitive disorders. Role of micronutrient deficiency in genome instability.	Nil