

## **PRO. VIP VIPRAKASIT, MD, D PHIL (OXON), FRCPT (PED)**

**Title:** Professor of Paediatrics and Director

**Institutional Affiliation:** Siriraj Centre of Excellence (SiCORE) in Advanced Gene and Cell Therapy (AGCT) on Cell and Gene Therapy and Thalassaemia Center and Division of Haematology-Oncology Department of Paediatrics, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok 10700, Thailand



**Professional Background:** Dr Viprakasit graduated with 1<sup>st</sup> class honours from the first medical school in Thailand; Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand in 1994. He received his residency training in paediatrics and paediatric haematology from 1994-1999 and trained for a D. Phil in molecular medicine at University of Oxford and postdoctoral fellowship at MRC Molecular Haematology Unit, Weatherall Institute of Molecular Medicine, UK under the supervision of Prof. Douglas R. Higgs, FRS in 2004. He then returned back to Mahidol University where he was appointed as a faculty at Department of Paediatrics, Siriraj hospital and became a full Professor in 2015 and the programme director for Thalassaemia Research at Siriraj-Thalassaemia Center since 2008.

**Area of Expertise:** Dr. Viprakasit's major research focus has been on a translational medicine to bridging between basic molecular biology to routine clinical practice in haematology. Using the most common inherited disease in the Asian population; thalassemia as his model, he has extensively studied this condition in several aspects including molecular basis, pathophysiology, genotype-phenotype correlation, molecular diagnosis from routine service to pre-implantation genetic analysis to non-invasive prenatal test and newborn screening. From these fundamental works, he has expanded his works into molecular basis, clinical management and developing clinical and laboratory tools for iron overload and iron deficiency anaemia, both are prevalent in his region and representing two important problems in developing world. He received grant support from local and international agencies including the NIDDK, NIH and the MRC, UK. Although working and researching in a resource limited setting like Thailand, Dr. Viprakasit has authored or co-authored more than 150 peer-reviewed publications in less than 15 years, and has written many reviews on thalassemia and/or iron related complications as well as chapters in major haematology reviews for American Society of Haematology (ASH) and European Haematology Association (EHA).

**Relevant academic achievements:** Dr. Viprakasit has served as an Associate Editor of Blood Research, Journal Medical Association of Thailand, Southeast Asian Journal of Tropical Medicine & Public Health and a member of steering committee for Nanotechnology Institute of Thailand and numerous clinical trials for pharmaceutical companies related to thalassemia and iron dysregulation in man. He received the best research award of the year in 2016 and the most outstanding researcher (medical science) of the year in 2021 from The National Research Council of Thailand. Under his supervision, The Siriraj Thalassaemia Center has received the Sultan Bin Khalifa Award from UAE for the Excellent Center for Thalassaemia Care in 2014.