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Chueh Loo Poh is an Associate Professor with the Department of Biomedical Engineering at the National University of Singapore (NUS), Singapore. He is also a Principal Investigator of NUS Synthetic Biology for Clinical and Technological Innovation (SynCTI), leading the development of NUS biofoundry. He obtained his PhD in Bioengineering from Imperial College London (2007) and B.Eng. in Electrical and Electronic Engineering from NTU Singapore (2002). His current research interests in Synthetic Biology include synthetic gene circuits design and automation, modelling of biological systems for design, and computer aided design (CAD) tools for SynBio. His group has been reprogramming microbes for medical and industrial applications, including engineering microbes to fight infectious causing pathogen, to tackle metabolic diseases, and to control biofilm formation for bioproduction. He has also been actively involved in the international synthetic biology competition (iGEM) since 2006. He has received a number of awards including the Tan Chin Tuan Fellowship in 2012 and the NTU Excellence in Teaching award in 2010