

Dr Ralf Jauch

Biography

Dr Ralf Jauch is currently an Associate Professor at the School of Biomedical Sciences of HKUMed. He did his undergraduate studies at the Friedrich-Schiller-University in Jena, Germany, and the University of Manchester, UK, and obtained his PhD degree in 2005 at the Max Planck Institute for Biophysical Chemistry in Göttingen. In 2006, he joined the Genome Institute of Singapore, A*STAR, and stayed for seven years as a Postdoctoral Researcher and Research Scientist. From 2013-2018, he was a Principal Investigator at the Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Science supported a 100-talent award. During this time, he helped to establish the GIBH-Max Planck Center for Regenerative Medicine of which he served as a Deputy Director. Dr Jauch's laboratory uses a combination of structural analysis, genomics and stem cell biology to uncover the regulatory programmes that govern cell identities. The team identified several engineered transcription factors that enable the generation of diverse stem cell types. Dr Jauch authored more than 60 peer-reviewed articles in diverse fields including stem cell biology, structural biology, genomic sciences and synthetic biology.

Ralf Jauch 博士目前就職於香港大學李嘉誠醫學院。他本科畢業於德國席勒大學和英國曼徹斯特大學，並於 2005 年獲得德國馬克斯普朗克研究所生物物理化學博士學位。他於 2006 年前往新加坡 A*STAR 基因組研究所，進行了七年的博士後訓練和研究科學家工作。2013 年至 2018 年，他入選中科院「百人計劃」人才引進計劃，作為獨立主要研究者在中國科學院廣州生物醫藥與健康研究院工作。任職期間，他幫助建立了華大基因—馬克斯普朗克再生醫學中心，並作為副主任服務於該中心。Jauch 博士的實驗室結合結構分析、基因組學和幹細胞生物學來揭示控制細胞特性的調節過程。他的研究團隊已發現了幾個能產生多種幹細胞類型的改造轉錄因子。Jauch 博士已發表了超過 60 篇同行評審的文章，發表領域跨越幹細胞生物學、結構生物學、基因組學和合成生物學。