

國立清華大學第 18 屆新進人員研究獎得獎人簡介



化學系 陳貴通 助理教授

陳貴通老師於 2011 年加入清華大學化學系的教研行列，專長為有機合成，生物分析及化學生物學。陳老師目前的研究方向主要為合成有機發光化合物以應用在分析化學及生物學上，此跨領域研究的主要目標為解決蛋白質和代謝物在活體細胞及生物樣品偵測上的基礎問題，並且了解蛋白質在細胞內的生化反應。其研究主題包含發展螢光增益型化合物以檢驗癌症蛋白標記，選擇性的在活體細胞內標定螢光化合物，以及高通量藥物的篩選等。

有幸能夠獲得清華大學新進人員研究獎的肯定，陳貴通老師首先要感謝科技部、清華大學化學系及水木校友基金會在經費上的支持，以及系上與校內許多老師前輩無私的幫忙。另外，陳老師也要特別感謝不畏艱難，願意跟他一起努力的清大學生，陳老師認為他們任勞任怨肯拚肯學，才是研究成功真正的關鍵。陳老師也感謝父母與妻子的支持，及清大新進人員研究獎的肯定，未來他會更加努力教學與研究。

Since 2011, Prof. Tan Kui Thong has been working as an assistant professor at the Chemistry Department, National Tsing Hua University (NTHU), Taiwan (ROC). Prior to this position, he worked as a postdoc at the Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland. He obtained his B.Sc (Honours) from the National University of Singapore (NUS) and PhD from the Max-Planck Institute of Molecular Physiology in Dortmund, Germany. Currently, his research in NTHU focuses on the development of chemical-based fluorescence activated probes for protein and metabolite detection. So far, Prof. Tan has successfully developed several novel fluorescence probes which are able to detect potential biomarkers in living cells and in complex biological mediums.

Kui Thong feels very fortunate and honored to be awarded the 2015 University Young Researcher Award in Research Performance. He would like to thank the Ministry of Science and Technology, the Chemistry Department and Chemistry Alumni Association for the financial support, as well as all the colleagues in the department for their generous and advice. Kui Thong would also like to thank his students for their continuing hardwork and enthusiasm in conducting research. Finally, he would like to express his gratitude to his parents and wife for their unwavering support. Last but not least, Kui Thong thanks the award committee for the recognition of his research achievement.