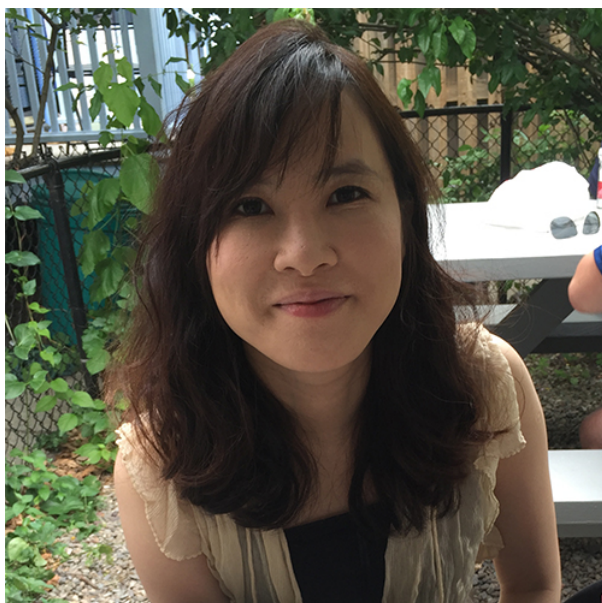# 國立清華大學第 20 屆新進人員研究獎得獎人簡介

醫工所陳韻晶副教授

　　陳韻晶教授於 2010 年取得 University of North Carolina at Chapel Hill 分子藥劑學博士, 師從 Dr. Leaf Huang。畢業後進入哈佛醫學院跟隨 Drs. Rakesh Jain 和 Dan Duda 的研究團隊研究腫瘤微環境對藥物治療和藥物輸送的交互影響。陳教授於 2013 年返國後於清華大學生物醫學工程研究所任教, 成立標靶藥物實驗室, 其研究著重於探討腫瘤抗藥機轉, 同時開發高專一性、低副作用、並能克服抗藥性的新穎治療策略。回國四年間多次獲得科技部優秀年輕學者計畫和國衛院多年期計畫, 其研究成果備受國際間肯定, 發表於知名國際期刊論文共 29 篇（包括 Hepatology, PNAS, Nature protocols, Biomaterials, Advanced Drug Delivery Reviews , Journal of Controlled Release 等）, 並獲得多項專利。陳教授曾獲清華大學激勵優秀新聘助理教授獎勵、清華大學延攬及留住特殊優秀人才彈性薪資獎勵、清華大學第七屆工學院新進研究人員研究獎、105 年度李昭仁教授生醫工程年輕學者獎、第 5 屆亞洲生醫材料年輕學者獎。此次有幸獲得清華大學新進人員研究獎的肯定, 感謝一路走來工學院, 醫工所, 和研究合作團隊對我們的支持及栽培, 我們的團隊將更兢兢業業, 發掘知識、開發技術、創造價值, 期望其研究將為國人健康和醫藥產業提供重大貢獻。

Dr. YunchingChenhasreceived her Ph.D. degree in Pharmaceutical Sciences at the University of North Carolina at Chapel Hill in May 2010. She completed her doctoral thesis under the supervision of Dr. Leaf Huang and developed various novel nanoparticle formulations to deliver RNA therapeutics and chemotherapy drugs for

cancer therapy (***MolTher***, 2008; ***Expert Opin Drug Deliv***, 2009; ***Journal of Controlled Release***, 2009; ***Mol Pharm***, 2010; ***MolTher***, 2010; ***J Invest Dermatol***, 2010; ***MolTher***, 2010; ***J BiolChem***, 2010). She later worked with Drs.Rakesh Jain and Dan Duda as a research fellow of Radiation Oncology at Harvard Medical School and Massachusetts General Hospital.She found the tumor stroma plays an important role on immunosuppression, drug resistance, and cancer cell survival and metastasis(***Hepatology***, 2014; ***PNAS***, 2014). She joined the faculty of National TsingHua University as a tenure-track Assistant Professor in 2013. She rose through the ranks to Associate Professor in 2016.Her work provides a molecular understanding for the development of effective combination therapeutic approaches for the treatment of cancer (***Advanced Drug Delivery Reviews***, 2014; ***Hepatology***, 2015; ***Nature Protocols***, 2015; ***Oncoimmunology***, 2015; ***Biomaterials***, 2015; ***Journal of Controlled Release,*** *2015;****MolTher***, 2015;***Mol Pharm***, 2016). She has published 29 journal papers with nearly 1700citations and an h-index of 14.