

陳雪梅教授略歷 Professor Chen Xuemei – Biographical Sketch

香港中文大學崇基學院二〇一三至二〇一四年度黃林秀蓮訪問學人

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陳雪梅教授 1988 年畢業於北京大學，其後留學美國，在 1995 年獲康奈爾大學理學博士，1995 至 1998 年間在加州理工學院進行博士後研究。1999 至 2005 年她在美國羅格斯大學 Waksman Institute 先後擔任助理教授及副教授，因其卓越的研究成果，在 2005 年獲羅格斯大學頒發 Board of Trustees Research Fellowship for Scholarly Excellence。其後，她轉往美國加州大學河濱分校任副教授，2009 年晉升為教授，次年再獲晉升為講座教授。2011 年，陳教授獲選為修斯研究員，全美只 15 名優秀植物科學家獲選。陳教授對植物分子生物學研究的傑出貢獻，更讓她在 2013 年獲選為美國科學院院士。

陳雪梅教授在植物細胞生長機制和植物小 RNA (MicroRNA) 在基因調控中的作用有突破性發現，開創植物研究的新領域，亦為動物領域中的相關研究起指導作用。陳教授之論文曾在《科學》、《細胞》等權威學術雜誌上發表。

Professor Chen Xuemei obtained her B.Sc degree from Peking University in 1988 and her Ph.D. from Cornell University in 1995. After postdoctoral training from 1995 to 1998 at California Institute of Technology, she started her assistant professor position in 1999 at the Waksman Institute at Rutgers University. She was promoted to associate professor in 2005 and won the Board of Trustees Research Fellowship for Scholarly Excellence at Rutgers University. She moved to University of California, Riverside in 2005 as an associate professor and was promoted to full professor in 2009 and endowed chair professor in 2010. In 2011, she was named a Howard Hughes Medical Institute - Gordon and Betty Moore Foundation Investigator, only 15 most innovative plant scientists in the US were selected. In 2013, she was elected into the US National Academy of Sciences.

Professor Chen Xuemei's groundbreaking work in the fields of plant meristem development and microRNA molecules has opened a new area of plant study. The new discoveries have also paved the way for similar studies in animals. She has an outstanding publications record including in top journals such as *Science* and *Cell*.