

# 朱健康简历

## 学习经历:

- 1987.06 学士(B.Sc.) 中国 北京农业大学 土壤农业化学  
1990.06 硕士(A.M.) 美国 加州大学河边分校 植物学  
1993.06 博士(Ph.D.) 美国 普度大学 植物生理学  
1994.6 博后(Post-Doc) 美国 洛克菲勒大学 分子生物学

## 工作经历:

- 2022-今 南方科技大学前沿生物技术研究院长  
2011.7-2021.12 中国科学院上海生命科学研究院植物逆境生物学研究中心 主任 首席科学家; 入选中央“千人计划”顶尖人才项目。  
2010-2011, 杰出教授(Distinguished Professor), 美国, 普度大学生物化学与园艺及园林系(Depts. of Biochemistry, and Horticulture and Landscape Architecture, Purdue University).  
2009.07-2011.06, 主任(Director), 沙特, KAUST 大学植物逆境基因组中心(Plant Stress Genomics Research Center at KAUST).  
2007-2010, Jane Johnson 讲座教授, (Jane Johnson Chair Professor), 美国, 加州大学河滨分校植物学与植物科学系(Dept. of Botany and Plant Sciences, University of California, Riverside).  
2004-2006, 特聘教授, 研究所所长(Presidential Chair Professor and Director), 美国, 加州大学河滨分校植物学与植物科学系(Dept. of Botany and Plant Sciences, University of California, Riverside).  
2000-2003, 教授(Professor), 美国, 亚利桑那大学植物科学系(Dept. of Plant Sciences, University of Arizona).  
1999-2000, 副教授(Associate Professor), 美国, 亚利桑那大学植物科学系(Dept. of Plant Sciences, University of Arizona).  
1996-1998, 助理教授(Assistant Professor), 美国, 亚利桑那大学植物科学系(Dept. of Plant Sciences, University of Arizona).  
1995-1996, 助理教授(Assistant Professor), 美国, 奥本大学植物与微生物学系(Dept. of Botany & Microbiology, Auburn University).

## 获奖情况:

- 1994年, 美国生命科学研究会会员

2004 年，美国科学促进会会员

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2011 年，入选中组部“顶尖千人计划”

2016 年，普渡大学 Herbert Newby McCoy 奖

2024 年，Elsevier 发布的“全球顶尖科学家排名”中，生命科学领域排名第一

### 代表性论文:

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4. Zhu J K, Abiotic Stress Signaling and Responses in Plants. *Cell* 167, 313-324 (2016).
5. Yin P, Li Q, Yan C, Liu Y, Liu J, Yu F, Wang Z, Long J, He J, Wang H W, Wang J, Zhu J K, Shi Y, Yan N, Structural basis for the modular recognition of single-stranded RNA by PPR proteins. *Nature* 504, 168-171 (2013).
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11. Park S Y, Fung P, Nishimura N, Jensen D R, Fujii H, Zhao Y, Lumba S, Santiago J, Rodrigues A, Chow T F, Alfred S E, Bonetta D, Finkelstein R, Provart N J, Desveaux D, Rodriguez P L, McCourt P, Zhu J K, Schroeder J I, Volkman B F, Cutler S R, Abscisic acid inhibits type 2C protein phosphatases via the PYR/PYL family of START proteins. *Science* 324, 1068-1071 (2009).
12. Melcher K, Ng L M, Zhou X E, Soon F F, Xu Y, Suino-Powell K M, Park S Y, Weiner J J, Fujii H, Chinnusamy V, Kovach A, Li J, Wang Y, Li J, Peterson F C, Jensen D R, Yong E L, Volkman B F, Cutler S R, Zhu J K, Xu H E, A gate-latch-lock mechanism for hormone signalling by abscisic acid receptors. *Nature* 462, 602-608 (2009).
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