



科学研究

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个人信息



林伟林

研究员、课题组长

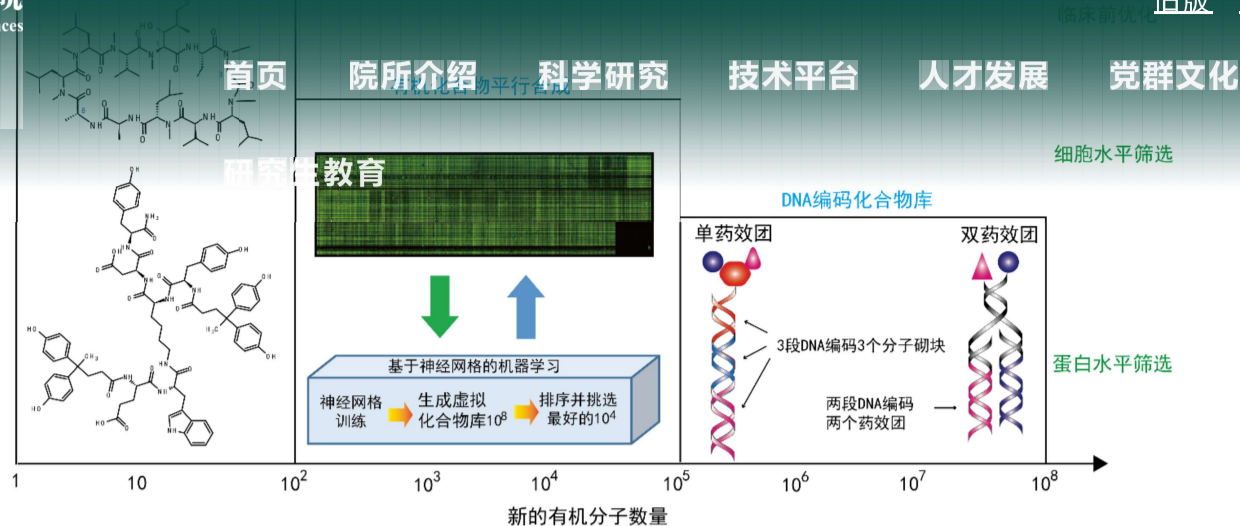
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教育科研经历

2022.5~今	苏州系统医学研究所 研究员
2016.3~2022.4	德累斯顿工业大学B CUBE 研究所 博士后
2010.2~2016.3	德累斯顿工业大学 B CUBE研究所 博士
2006.9~2009.7	北京师范大学 生命科学学院 生物化学与分子生物学 硕士
2002.9~2006.7	北京师范大学 生命科学学院生物技术专业 学士

课题组研究方向

致力于开发各种的化学生物学工具，为药物发现提供更有效、更安全新型化合物，主要成果有：提出了DNA编码的动态组合化学库(EDCCL)，开发了与DEL和EDCCL兼容的全自动传感芯片检测技术，开发了按需微阵列原位合成与筛选技术(ODAST)。论文发表于国际重要学术期刊Advanced materials, Analytic Chemistry, Communication Biology, Angew. Chem. 等，获得美国、德国、日本等国家授权的专利两项，国际PCT一项，部分技术已授权生物技术公司DyNABind (德国)，具有极为广阔的应用价值。



课题组成员

代表性论文

(#表示共同第一作者, *表示共同通讯作者)

高通量筛选

1. **Lin, W.**; Gandhi, S.; Lara, A.R.O.; Thomas, A.K.; Helbig, R.; Zhang, Y., Controlling Surface Wettability for Automated In Situ Array Synthesis and Direct Bioscreening. *Advanced Materials*, frontispiece, DOI: 10.1002/adma.202102349.
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3. Reddavid, F. V.; **Lin, W.**; Lehnert, S.; Zhang, Y., DNA-Encoded Dynamic Combinatorial Chemical Libraries. *Angew. Chem.* 2015, 127 (27), 8035-8039.
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5. **Lin, W.**; Bonin, M.; Boden, A.; Wieduwild, R.; Murawala, P.; Wermke, M.; Andrade, H.; Bornhauser, M.; Zhang, Y., Peptidyl prolyl cis/trans isomerase activity on the cell surface correlates with extracellular matrix development. *Commun Biol* 2019, 2, 58.
6. **Lin, W.**; Quintero, A.; Zhang, Y., Conformational Heterogeneity of Cyclosporin A in Cyclophilin 18 Binding. *PloS one* 2016, 11 (4), e0153669.(IF=2.740)
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10. Kujawski, S.; **Lin, W.**; Kitte, F.; Bormel, M.; Fuchs, S.; Arulmozhivarman, G.; Vogt, S.; Theil, D.; Zhang, Y.; Antos, C. L., Calcineurin Regulates Coordinated Outgrowth of Zebrafish Regenerating Fins. *Developmental Cell* 2014, 28 (5), 573-87.
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中国医学科学院系统医学研究院/苏州系统医学研究所（以下简称“院所”）成立于2014年，是由中国医学科学院北京协和医学院与江苏省、苏州市、苏州工业园区地方政府共建的新型研究机构。院所秉承“尽微知至，谙医厚生”的办所理念和治所精神，着力于探索新的研究模式和管理体制，推动系统生物学与基础医学、临床医学与预防医学的多学科交叉和协同创新，实现从实验室研究成果向临床应用和医药产业发展的迅速转化，努力建成具有国际影响力的开放性生物医学创新高地和生物医药创新产业培育基地。

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