

西湖大学生命科学学院张延晓实验室助理研究员与科研助理招聘

一、实验室介绍

PI 简介：张延晓博士于 2010 年毕业于北京大学生命科学学院（本科）。2016 年获得密歇根大学生物信息学博士和统计学硕士。2016 年至今在路德维格癌症研究所（加州大学圣地亚哥分部）从事博士后研究（导师任兵）。曾以第一作者或共同第一作者身份在 Nature, Nature Genetics, Bioinformatics 等杂志发表学术论文，并获得美国 NIH pathway-to-independence K99 项目 100 万美元科研资助。将于 2022 年初正式加入西湖大学，诚邀有志于研究基因组学和生物信息学，对衰老和癌症等生物学问题感兴趣的科研人才加入我们的团队。

实验室方向：本实验室将致力于利用功能基因组学和计算生物学的工具来探究衰老和癌症的机理。特别是在表观遗传学方面，我们将着眼于异染色质（转录抑制区域），重复序列和转座子的异常激活对于癌症和衰老的影响。同时本实验室也密切关注各类前沿实验技术（包括但不限于单细胞多组学测序，三维基因组学，CRISPR 基因编辑等等）和生物信息学分析方法的开发和应用。

实验室网站：<https://zhangyxlabs.github.io/>

西湖大学网站：

https://sls.westlake.edu.cn/Our_Faculty/202108/t20210825_12077.shtml

二、招聘岗位

1. 科研助理（2-3 名）

岗位职责：

- 1) 协助 PI 和博士后完成科研项目；
- 2) 协助组建实验室，维护实验室干实验和湿实验设备的正常运转；
- 3) 协助完成新实验室成员的培训。

任职条件：

- 1) 拥有生物学，生物信息学或其他相关领域的学士或硕士学位；
- 2) 有责任心，有良好的沟通能力和团队合作精神；
- 3) 有良好的英语沟通和阅读写作能力。

2. 科研助理（实验室主管）（1 名）

岗位职责：

- 1) 负责实验室设备和试剂耗材的采购和报销工作，维持实验室科研活动的正常运转等；
- 2) 负责实验室人员行程安排与相关费用报销等；
- 3) 协助实验室和其它部门的日常沟通等事宜；
- 4) 对科研感兴趣，能够辅助课题组完成常规的生物学实验或者数据分析。

任职条件：

1. 工作积极上进，有良好沟通能力；
2. 具备较强的中文写作能力及一定的英文阅读与写作能力；
3. 具有生物学相关专业的本科以上学历，有实验室管理经验者将优先考虑。

二、薪酬与福利待遇

根据西湖大学相关规定以及申请人工作能力，实验室将提供在国内外具有竞争力的薪酬待遇以及科研条件，享受五险一金及西湖大学的相关福利。具体待遇面议。

三、应聘方式

申请材料：请将个人简历及相关附件证明材料以一个 **pdf 文件** 形式发送到：zhangyanxiao@westlake.edu.cn, 邮件标题及附件简历命名方式为：应聘岗位-本人姓名；经初步评审，我们将通过邮件向符合应聘条件的应聘者发出面试通知。

Job Advertisement: Yanxiao Zhang Lab, School of Life Sciences, Westlake University

1. Introduction about the Lab

About the PI: Dr. Yanxiao Zhang received his bachelor's degree in Biotechnology from Beijing University in 2010. He then obtained a PhD degree in Bioinformatics (advisor: Dr. Maureen Sartor) and master's degree in Statistics from the University of Michigan in 2016. He completed his postdoctoral work in Dr. Bing Ren's lab at Ludwig Institute for Cancer Research (UCSD branch), studying the dynamics of chromatin states during mammalian development (as part of ENCODE) and 3-dimensional chromatin structure.

About the Lab: Our lab will use computational and functional genomics tools to study the mechanisms of aging and cancer, with a primary focus on epigenetic regulations. We will investigate how the dysfunction of heterochromatin, repetitive elements and transposons contributes to the oncogenic and aging processes.

Lab website: <https://zhangyxlabs.github.io/>

Lab page on Westlake University:

https://sls.westlake.edu.cn/Our_Faculty/202108/t20210825_12077.shtml

2. Job Openings (number of opening in parentheses)

Research Assistant (2-3)

Job Responsibilities:

- 1) Assist the PI and postdoc in completing scientific projects.
- 2) Assist in upkeep of the “wet” and “dry” lab equipment.
- 3) Assist in training new lab members.

Job Requirements:

- 1) Have obtained (or will obtain) bachelor or master's degree in Biology, Bioinformatics or a related field.
- 2) Be responsible, communicative, and collaborative.
- 3) Proficient in communicating, reading and writing in English.

Lab Manager (1)

Job Responsibilities:

- 1) Assist the PI in managing the lab expenditure, in terms of purchase of equipment and reagents, reimbursements, and other routines, to help keep the lab running.
- 2) Assist in scheduling work-related activities for lab members and taking care of reimbursements.
- 3) Assist in day-to-day communication with other administrative personnel in the school.
- 4) Have interest in biomedical research and can help run experiments or data analysis when needed.

Job Requirements:

- 1) Motivated about work and have excellent communication skills.
 - 2) Proficient in writing in Chinese, and good in reading/writing in English.
 - 3) Have obtained bachelor's degree or equivalent in Biology or related field.
- Previous experience in lab management will be highly desirable.

3. Compensation and Benefits

We offer a competitive compensation package commensurate with the candidate's qualifications and experience. Candidates will enjoy “wuxianyijin” and relevant benefits of Westlake University.

4. How to apply

To apply, please send your resume in PDF format to zhangyanxiao@westlake.edu.cn, and indicate “Application for [Position], [Your Name]” in the email subject. We will email the results of the preliminary screening of the application and contact qualified candidate for interview.