

简历

PERSONAL RESUME



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张晶

政治面貌：中共党员

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● 教育背景 Educational background

2021.09-2024.06 上海海洋大学 | 海洋科学-海洋生物学专业 | 硕士

核心研究：藻类活性物质开发（油脂、岩藻黄素、胞外多糖等）

实验室经历：水产物质资源发展与创新实验室实验助理，主导基于合成生物学的外源物质调控微藻培养技术研究、提取工艺优化及功效测定实验。

2017.09-2021.06 江苏海洋大学 | 海洋资源与环境专业 | 学士

任职：班级团支部文体委员、江苏省“三下乡”大学生暑期社会实践队长

科研基础：藻床净水装置构建及其对微塑料的富集效果研究、产胞外多糖细菌的筛选及多糖发酵条件优化

荣誉证书：国家励志奖学金、校三好学生、优秀团干部、优秀班干部和学业二等奖学金等。

获奖经历：全国第九届“共享杯”科技资源共享服务创新大赛优秀奖；第三届渔菁英挑战赛获优秀奖。

● 科研经历 Research experience

2021-2024 藻类活性物质开发与功效研究

团队负责人

通过外源物质诱导构建微藻底盘细胞营养敏感体系，定向强化活性成分合成通路

通过 qPCR 技术解析活性物质合成路径基因表达，实现产物合成动态优化

构建斑马鱼模型验证护肤功效，开发靶向功效护肤品原料

2022-2023 微藻单细胞工厂的食物垃圾高值转化技术与机理研究

项目参与者

食物垃圾预处理与底物工程；高附加值产物定向合成与检测；合成生物学驱动的代谢路径强化研究

● 项目经历 Project experience

浙江雅言生物科技有限公司 项目研发 负责开发微藻及马尾藻中具有抗炎、抗敏功效的活性物质成分

毕生之研医学转化 项目参与者 负责微藻天然产物的结构修饰与护肤功效强化等研究

海洋生物医药临港科创平台 项目参与者 负责项目申请书填报、微藻基因工程及微藻高值化产品研发等

● 工作经历 Work experience

2024.07- 至今 | 迈途医药科技（上海）有限公司 | 化妆品原料法规技术人员

新原料备案：系统追踪国内外化妆品法规动态，完成新原料注册/备案服务

技术协同：搭建化妆品功效基因数据库，协助实验室完成转录组功效测试

跨部门协作：联动研发与市场部，进行相关的技术支持和客户拓展

● 技能证书 Professional skills

熟练掌握超高效合相色谱、气相色谱质谱联用仪、SDS-PAGE 电泳仪、酶标仪、冷冻干燥机等仪器；熟练掌握藻细胞无菌化培养，DNA、RNA 的提取、qPCR 等实验；熟练掌握薄层色谱，SPE 固相萃取等技术；获得 CET-6、全国计算机二级证书、普通话二级甲、Auto CAD 高级绘图师等证书。

● 自我评价 Self evaluation

科研创新：在代谢路径强化与高附加值产物检测领域积累了丰富经验，成功开发护肤原料。

团队领导：曾担任国家级创新项目负责人及社会实践队长，具备统筹协调能力。

职业素养：兼具科研深度与应用转化能力，精通多种分析仪器及分子实验技术，熟悉化妆品原料法规与备案流程。工作严谨高效，较强的抗压能力和强烈的责任感责任心与执行力突出。

Zhang Jing

Major : Marine Science

Degree: Master (Science)

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● Educational background

2017.09-2021.06 Jiangsu Ocean University Ocean resources and environment & Technology

Core research: Development of algal active substances

2021.09-2024.06 Shanghai Ocean University Marine science- marine biology

Core research: Screening and Study of Extracellular Polysaccharide Producing Bacteria

Honors: National Encouragement Scholarship; Merit Student; Excellent Class Leader, excellent League Leader and second-class scholarship; The 9th "Sharing Cup" Innovation Competition of Science and Technology Resources Sharing Service Excellence Award; The 3rd National Graduate Elite Challenge on Fisheries

● Research experience

2021-2024 Development and efficacy research of algal active substances Head of the team

By inducing the construction of a microalgae chassis cell nutrition sensitive system through exogenous substances, targeted enhancement of the active ingredient synthesis pathway is achieved.

By using qPCR technology to analyze the gene expression of the active substance synthesis pathway, dynamic optimization of product synthesis can be achieved.

Constructing zebrafish models to validate skincare efficacy and developing targeted skincare ingredients.

2022-2023 Research on high-value conversion of food waste in microalgae single-cell factories Project participants

Food waste pretreatment and substrate engineering; Targeted synthesis and detection of high value-added products;

Research on the Enhancement of Metabolic Pathways Driven by Synthetic Biology

● Work experience

July 2024 to present | Medway Company Limited | **Technical personnel for cosmetic raw material regulations**

New raw material registration : Complete registration / filing services for new raw materials by cosmetics regulations

Technical collaboration : Building a database of cosmetic efficacy genes

Cross departmental collaboration : collaborate with the R&D and marketing departments to provide relevant technical support and customer expansion

● Project experience

Zhejiang Ayan Biotech CO.,LTD Development of active ingredients with anti-inflammatory and anti allergic effects

Peterson's Lab Medical Translation Enhancement of skincare efficacy of microalgae natural products

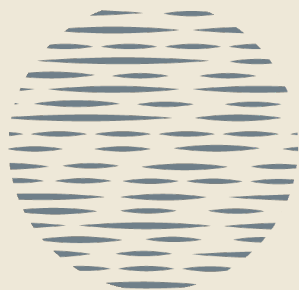
Marine Biomedical Platform Project application form filling, research and development of microalgae products

● Professional skills

Proficient in the **UltraPerformance Convergence Chromatography , Gas chromatography-mass spectrometry , SDS-PAGE Electrophoresis System , ELIASA , freeze dryer** ; Skilled in aseptic culture of algae cells, DNA, RNA extraction, qPCR , etc . Get CET-6 , Second-level Certificate for National Computer , Mandarin Tier A , Auto CAD Advanced Drawer, etc.

● Self evaluation

I have accumulated rich experience in the field of metabolic pathway enhancement and high value-added product detection. Combining scientific research depth and application transformation ability, proficient in various analytical instruments and molecular experimental techniques, familiar with cosmetic raw material regulations and filing processes.



期待您的回复

LOOKING FORWARD TO YOUR REPLY

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