

Ce Zhao

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EDUCATION

South China University of Technology (SCUT), GuangZhou, China
Bachelor of Biomedical Engineering

Sep. 2020-Present
Expected in June 2024

RESEARCH EXPERIENCE

1、 Undergraduate Scientific and Technological lab project, SCUT

2、 **Project:** “Optimization of nanocarrier properties to enhance the efficiency of messenger RNA delivery”, *April 2022-April 2023.*

Project Member

3、 **Publication of two papers.**

“*Microorganisms in food production: fermentation, food spoilage and microorganism design*”, Probe-Plant & Animal Sciences ISSN: 26614057 (O)). **First author**

“*Recombinant lactoferrin-derived peptides and their application in enhancing immunity*”, Probe-Plant & Animal Sciences (ISSN: 26614057 (O)). **First author**

4、 Filed two invention patent applications (one was authorized).

"*Recombinant Type III collagen hydrogel composition, preparation method and application*" (Authorized), Patent No.: 202211275409.5. **Co-inventor**

"*Recombinant lactoferrin-derived peptide and its application in improving immunity*", Application No.: 202211255669.6. **First Inventor**

ACTIVITIES & AWARDS

The Third Prize in technology and innovation competition, SCUT
The Champion in football match, SCUT

Oct. 2020
May. 2021

LANGUAGES & SKILLS

GPA: 3.23

Languages: English (**The medium of instruction in my major is English**), Mandarin (Native), German (B1)

Computer skills: Microsoft office (Word, Excel, Access and PowerPoint), python, MATLAB, solidworks, Malvern Zetasizer Software, laboratory equipment related software;

Experiment skills: anatomy, PCR, FCM, Gel electrophoresis, western blot, southern blot, RNA extraction, cell culture, Cell cryopreservation, cell resuscitation, protein detection, protein separation, Nanoparticle preparation, nanoparticle transduction, plasmid extraction, plasmid transduction, Molecular Cloning;

Hobby: former professional football player; good at roller skating, speed skating and skiing, and good at piano and saxophone; learning piano tuning.