

Guanlin Wang

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RESUME SUMMARY

A capable assistant with one internship experience and two research experiences, rich management and volunteer experience, and certain English proficiency

EDUCATION

Beijing University of Chemical Technology

Beijing, China

Bachelor of Engineering in Biological Engineering

June 2027

- GPA: **3.10/4.33**
- Core Modules: Biology, Inorganic Chemistry (90), Inorganic Chemistry Experiment (A-), Molecular Design of New Energy Materials, Advanced Mathematics, Spoken English (94), Listening and Speaking English (90), Production and Practice of Herb and Medicinal Plants

INTERNSHIP EXPERIENCE

Henan Lixin Pharmaceutical Limited by Share Ltd

Nanyang, China

Project Team Member, Quality Management Department

July 2024 - August 2024

- Conducted daily tests on sodium chloride and glucose injection solutions produced by the company, measuring content, optical rotation, particulates, pH value, and maximum absorption wavelength in accordance with the *Chinese Pharmacopoeia*
- Independently handled the quality inspection of over **8** batches of products daily, accurately recording and filing test results

RESEARCH EXPERIENCE

Human Nasal Mucosa Moisturizing Spray R&D Project

Beijing, China

Team Member

June 2024 - Present

- **Barrier Mechanism Research & Moisturizing Component Selection:** Analyzed nasal mucosa structure characteristics and evaluated the film-forming ability, biocompatibility, and stability of different materials (e.g., polysaccharides, proteins, synthetic polymers); studied moisturizing effects of glycerin, sorbitol, propylene glycol, etc.; explored the impact of growth factors, anti-inflammatory drugs, and antioxidants on mucosa repair
- **Product Formulation & Optimization:** Developed a nasal mucosa spray with moisturizing and barrier effects, optimizing the formula to ensure the stability and bioavailability of active ingredients; conducted safety assessments to confirm the product was non-irritating and non-allergenic for long-term use

- **Preclinical Research & Trial Planning:** Planned preclinical studies and clinical trials; conducted animal model preclinical studies to evaluate product efficacy and safety; prepared for clinical trials to verify effectiveness and safety in practical applications

Budding Cup Technology Innovation and Academic Thesis Competition, BUCT **Beijing, China**

Team Leader December 2023-Present

- Manufactured rare earth magnetic materials based on samarium-cobalt and neodymium-iron-boron through high-temperature melting and electrochemical methods
- Plans to further optimize the existing preparation methods for rare earth magnetic materials
- Will present research findings in the form of a defense and participate in the final competition

EXTRACURRICULAR ACTIVITIES

Alumni Volunteer Association, Beijing University of Chemical Technology **Beijing, China**

Office Secretary September 2023-Present

- Processed over 200 alumni records, editing and publishing more than 10 alumni news releases
- Compiled and maintained the alumni donation database, which included alumni donations amounting to tens of thousands of yuan

2023-2024 ISU Grand Prix of Figure Skating Final **Beijing, China**

Volunteer December 7-10, 2023

- Collaborated with over 100 volunteers during the 4-day event to successfully guide more than 5,000 spectators into the venue in an orderly manner, ensuring the effective maintenance of order at the event site; the event proceeded smoothly and concluded successfully through our joint efforts

RELEVANT SKILLS

Language skills: Mandarin (Native); English (CTE6 450)

IT skills: Proficient in Microsoft Software

Hobbies: Basketball, tennis

CERTIFICATE

CTE4/6

AWARD

People's Third Class Scholarship in 2023