



Education

Ph.D. | Prosthodontics

Peking University, Peking University School of Stomatology | 2012-2017

- Advisor: Prof. HaiLan Feng

Bachelor | Dental Medicine

Huazhong University of Science and Technology, Tongji Medical College | 2007-2012

Skills

Expertise

- Prosthodontics
- General dentistry
- Implants

Research

- Stem cell research
- Genetic research
- Bone regeneration engineering
- Machine learning in medical data analysis

Languages

- English
- Chinese

Software

- EndNote
- Origin
- L^AT_EX

Certifications

- General Dental Licence in China
- General Dentist Practice Certification
- Resident Standardization Training Certification

Interests

- Clinic research with AI
- Stem cell therapy
- Gene editing therapy

Experience

Galan Dental Clinic | Dental Assistant, 07/2020-Present

- Assisting dentists for treating patient and management of organizing the clinic

Shanghai Stomatological Hospital | Dentist, 08/2017-07/2019

- General Dentist Practice
- Conduct research of stem cell senescence and bone regeneration engineer

Peking University Stomatological Hospital | Intern, 09/2012-06/2017

- Prosthodontics and Implant dentistry training.
- Research of DLX3's function and therapeutic potential in bone formation

Center of Dental Medicine, Union Hospital | Intern, 09/2011-06/2012

- General Dentistry Rotation, Oral Surgery Rotation and Clinical Practice

Selected Publications

- Na Zhao, et al., 2017: "DLX3 promotes bone marrow mesenchymal stem cell proliferation through H19/miR-675 axis" *Clinical Science*
- Na Zhao, et al., 2016: "Senescence: novel insight into DLX3 mutations leading to enhanced bone formation in Tricho-Dento-Osseous syndrome" *Scientific reports*
- Na Zhao, et al., 2016: "DLX3 negatively regulates osteoclastic differentiation through microRNA-124" *Experimental cell research*
- Li Zeng, Na Zhao*, et al., 2018: "miR-675 promotes odontogenic differentiation of human dental pulp cells by epigenetic regulation of DLX3" *Experimental cell research*
- Yanke Hu, W.P. An, Raj S, Na Zhao et al., 2020: "Faster Clinical Time Series Classification with Filter based Feature Engineering Tree Boosting Methods" *Association for the Advancement of Artificial Intelligence AAAI -2020*
- Li Zeng, Na Zhao, et al., 2017: "DLX3 mutation negatively regulates odontogenic differentiation of human dental pulp cells" *Archives of oral biology*
- Li Zeng, Jiahui Wei, Na Zhao, et al., 2018: "A novel 18-bp in-frame deletion mutation in RUNX2 causes cleidocranial dysplasia" *Archives of Oral Biology*

Honors, Awards and Scholarships

- Award of Outstanding Doctoral Dissertation at Peking University, 2017
- "Infinity Award" in Oral Biomedicine Forum, 2016
- Award of Merit Student at Peking University
- Full National Post-Graduate Scholarship of Peking University, 2012-2017
- Scholarship for Outstanding Scientific Research at Peking University
- Special Scholarship of "Dentsply" in Scientific Research
- Scholarship for Outstanding Graduate at Peking University
- Award of Merit Student at Huazhong University of Science and Technology
- National Encouragement Scholarship in 2010.
- Full Scholarship of Huazhong University of Science and Technology, 2007-2012

Professional Achievements

Fundings

- National Natural Science Foundation of China, 2020-2023, Director
Study on the molecular mechanism of DLX3 regulating bone senescence through lncRNA.
- Shanghai Science and Technology Talents Sailing Project, 2019-2022, Director
Establishment of TDO Syndrome-specific iPS Cell Model and Evaluation of Preservation of Alveolar Bone Sites.
- Key Project of Shanghai Stomatological Hospital, 2018-2021, Director
Establishment of TDO Syndrome-specific iPS Cell Model.

Peer-Review Articles

- Bioscience Reports