



## education

### phd | prosthodontics

peking university, peking university  
school of stomatology | 2012-2017

- focus on clinic practice of prosthodontics and implant dentistry.
- Research of cellular senescence, gene function and therapy study, and bone regulation and reconstruction study.
- advisors: prof. HaiLan Feng and prof. YiXiang Wang

### bachelor | dentist medicine

huazhong university of science and technology, tongji medical college | 2007-2012

- focus on the basic knowledge of biomedical science and engineering.
- focus on the knowledge of stomatology.
- comprehensive general dentistry

## skills

### specific expertise

- prosthodontics techniques
- implant surgery
- comprehensive general dentistry

### research

- stem cell research
- genetic research
- bone reconstruction engineering
- molecular biochemistry and animal experiments
- machine learning in medical data analysis

### general

#### languages

- english
- chinese

#### software

- EndNote
- Origin
- L<sup>A</sup>T<sub>E</sub>X

## interests

- Clinic research by AI
- cellular senescence
- gene function and therapy

## experience

### shanghai stomatological hospital, affiliated to fudan university

august 2017-september 2019

- Resident standardization training: comprehensive general denistry

### peking university school of stomatology, china | intern

september 2012 - july 2017

- prosthodontics; implant dentistry.

### stomatology center of union hospital, china | intern

september 2011 - june 2012

- general practitioner; comprehensive general denistry.

## publications

### published/accepted

- 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.: "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

### in peking university

- Outstanding Doctoral Dissertation of Peking University (100/1944).
- National post-graduate student scholarship • Scholarship for scientific research of Peking University • Special scholarship of "Dentsply" in scientific research

### in huazhong university of science and technology (hust)

- National Encouragement Scholarship in 2010.
- Scholarship of HUST in 2009, 2010 and 2011.

## professional achievements

### fundings

- Study on the molecular mechanism of DLX3 regulating bone senescence through lncRNA-ENSG00000237125.3; 2019 National Natural Science Youth Foundation of China (81900983). **Director**
- Establishment of TDO Syndrome-specific iPS Cell Model and Evaluation of Preservation of Alveolar Bone Sites; 2019 Shanghai "Science and Technology Innovation Action Plan" Shanghai Youth Science and Technology Talents Sailing Project (19YF1442500), **Director**.
- Establishment of TDO Syndrome-specific iPS Cell Model; 2018 Key Project of Shanghai Stomatological Hospital (SSDC-2018-01), **Director**.

### peer-review articles for

- Bioscience Reports