Na Zhao

Google Scholar
Email
408 203 4103

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
• LaTeX

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 Fundation 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