

Zewei Zhang

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[Google Scholar](#) | [WoS](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

- 2022 – Present **PhD Student, Biomedical Sciences (Cell and Developmental Biology)**, University of Iowa, USA
- 2019 – 2022 **MS, Plastic Surgery**, Zhengzhou University | Shanghai Jiao Tong University School of Medicine (visiting), China
- 2014 – 2019 **MD, Clinical Medicine**, Zhengzhou University, China

RESEARCH INTERESTS

- **Human diseases** (wound healing, skin scarring, liver diseases, and cancer)
- **Epigenetics** (non-coding RNAs) & **gene regulation** (transcription factors)
- **Bioinformatics** (bulk & single-cell genomics)

SCIENTIFIC EDITORIAL EXPERIENCE

- Oct 2022 – Present **Associate Editor, Clinical & Experimental Dermatology**, UK
- Due to both exceptional written skills and comprehensive knowledge of scientific research methods, invited to serve as Associate Editor of *Clinical and Experimental Dermatology* (Journal IF: 4.1, Dermatology Q1, an official journal of British Association of Dermatologists) to manage the evaluation, review, and editing of submitted research manuscripts
- Select reviewers for 1 submitted manuscript per month
 - Discuss reviewer comments with the editorial team and the author, thereby making recommendations for manuscripts
 - Follow manuscripts through the production process, ensuring manuscripts are processed timely — the time to 1st decision is 33 days
 - Foster relationships and communication with the national (USA) or international (Canada, Europe, or Asia) scientific community through meeting professors, visiting labs, or contacting professionals — bringing about at least 5 new connections on LinkedIn per week

Jun 2024 – Present **Youth Editorial Board Member, iMeta, China**

Due to exceptional research accomplishments and contributions to reviewing scientific papers, invited to serve as Youth Editorial Board Member of *iMeta* (Journal IF: 23.7, Genetics and Molecular Biology Q1, a top journal in microbiology) to manage the evaluation, review, and editing of submitted research manuscripts

- Review 1 submitted manuscript per month

Jun 2023 – Present **Youth Editorial Board Member, Asian Journal of Pharmaceutical Sciences, China**

Due to extraordinary research achievements and contributions to reviewing articles, invited to serve as Youth Editorial Board Member of *Asian Journal of Pharmaceutical Sciences* (Journal IF: 10.2, Pharmacology Q1, a top journal in pharmacology) to manage the evaluation, review, and editing of submitted research manuscripts

- Follow manuscripts through the production process, ensuring manuscripts are processed timely — the time to 1st decision is 6 days

Jan 2023 – Present **Youth Editorial Board Member, Brain-X, China**

Due to outstanding research achievements and contributions to reviewing scholarly papers, invited to serve as Youth Editorial Board Member of *Brain-X* (a peer-reviewed journal in neuroscience) to manage the evaluation, review, and editing of submitted research manuscripts

- Review 1 submitted manuscript per month

May 2022 – Present **Journal Reviewer** 🙌 [WoS](#)

Due to excellent written skills, comprehensive knowledge of scientific research methods, and mastery of multiple biomedical fields, invited to assess the scientific value of research articles by reviewing

- 137 manuscripts — top 1% of all reviewers
- 866 words on average in each review — 2.3-fold higher (866/368) than all reviewers' average
- 28 journals (including *Nucleic Acids Research*, *Journal of Biological Chemistry*, *BMC Genomics*, etc.)

POST-MD RESEARCH EXPERIENCE

Aug 2022 – Present **Graduate Research Assistant**, University of Iowa, USA

Supervisor: Prof. [Thomas Rutkowski](#) & Prof. [Brad Amendt](#)

Research Focuses: stem cells; epigenetic gene regulation; regenerative medicine of tooth, bone, skin, and cardiovascular diseases; metabolic diseases; liver cancer

Research Methods: in vitro (cell & molecular biology); in vivo (Cre-loxP mice with lineage tracing); in silico (bioinformatics); bulk & single-cell RNA-seq and ATAC-seq

Apr 2019 – Present **Graduate Research Assistant**, Shanghai Jiao Tong University School of Medicine, China

Supervisor: Prof. [Tao Zan](#)

Research Focuses: cell biology; epigenetic gene regulation; skin diseases (cancer; fibrosis; wound healing); clinical trials

Research Methods: in vitro (cell & molecular biology); in vivo (mice); in silico (bioinformatics); bulk & single-cell RNA-seq

SELECT PUBLICATIONS [Google Scholar](#)

1. Huang, X., Zhao Y., Liu, D., Gu, S., Liu, Y., Khoong, Y., Luo, S., **Zhang, Z.**, ..., & Zan, T. (2023). ALKBH5-mediated m6A demethylation fuels cutaneous wound re-epithelialization by enhancing PELI2 mRNA stability. [Inflammation and Regeneration](#). (IF: 8.1)
 - Epigenetic gene regulation; Bioinformatics; Dermatology.
2. Xia, W., Liu, Y., Jiang, X., Li, M., Zheng, S., **Zhang, Z.**, ..., & Zan, T. (2023). Lean adipose tissue macrophage derived exosome confers immunoregulation to improve wound healing in diabetes. [Journal of Nanobiotechnology](#). (IF: 10.2)
 - Epigenetic gene regulation; Bioinformatics; Dermatology; Immunology.
3. Zhao, Y.[†], Huang, X.[†], **Zhang, Z.**[†], Li, H., & Zan, T. (2022). The Long Noncoding Transcript HNSCAT1 Activates KRT80 and Triggers Therapeutic Efficacy in Head and Neck Squamous Cell Carcinoma. [Oxidative Medicine and Cellular Longevity](#). (IF: 7.3)
 - Epigenetic gene regulation; Cancer (molecular & cell biology).
4. **Zhang, Z.**, Huang, X., ..., & Li, G. (2021). Identification and functional analysis of a three-miRNA ceRNA network in hypertrophic scars. [Journal of Translational Medicine](#). (IF: 8.4)
 - Epigenetic gene regulation; Dermatology (skin fibrosis); Bioinformatics.

[†] Equal contributions

5. Huang, X., Gu, S., Liu, C., Zhang, L., **Zhang, Z.**, ..., & Zan, T. (2021). CD39+ Fibroblasts Enhance Myofibroblast Activation by Promoting IL-11 Secretion in Hypertrophic Scars. [*Journal of Investigative Dermatology*](#). (IF: 7.5, **top 2 journal in Dermatology**)
 - Gene regulation; Dermatology (skin fibrosis; wound healing); Immunology.
6. Gu, S., Huang, X., Xu, X., Liu, Y., Khoong, Y., **Zhang, Z.**, ..., & Zan, T. (2021). Inhibition of CUB and sushi multiple domains 1 (CSMD1) expression by miRNA-190a-3p enhances hypertrophic scar-derived fibroblast migration in vitro. [*BMC Genomics*](#). (IF: 4.5)
 - Epigenetic gene regulation; Dermatology (skin fibrosis); Bioinformatics.
7. Gu, L.[†], Wang, P.[†], Du, Q.[†], **Zhang, Z.**[†], An, Y., Li, G., & Liu, L. (2021). Thirty Years Later: What Has Craniofacial Distraction Osteogenesis Surgery Replaced? [*Plastic and Reconstructive Surgery*](#). (IF: 5.1, **top 1 journal in Plastic Surgery**)
 - Plastic surgery (bone regeneration).
8. Zhao, Y.[†], Huang, X.[†], **Zhang, Z.**[†], ..., & Li, Q. (2020). USP15 Enhances Re-epithelialization Through Deubiquitinating EIF4A1 During Cutaneous Wound Repair. [*Frontiers in Cell and Developmental Biology*](#). (IF: 6.0)
 - Gene regulation; Dermatology (wound healing); Bioinformatics.
9. Shi, K., Zhu, X., Liu, Z., Sun, N., Gu, L., Wei, Y., Cheng, X., **Zhang, Z.**, ..., & Liu, L. (2020). Clinical characteristics of malignant melanoma in central China and predictors of metastasis. [*Oncology Letters*](#). (IF: 3.1)
 - Dermatology; Cancer (melanoma biomarkers); Clinical trials.

CONFERENCE PRESENTATION

1. Huang, X., **Zhang, Z.**[†], ..., & Zan, T. (2023). Abstract & Poster: Integrated single-cell transcriptomic analysis discloses homogenous fibroblast landscape between human scars. [*Cell Symposia | The Conceptual Power of Single Cell Biology*](#).
 - Epigenetic gene regulation; Bioinformatics; Dermatology.

[†] Equal contributions