

Ruifeng(Ray) Zhao

Current position

- **Sept.2021-** Ph.D. student & Graduate assistant in University of Connecticut, Department of animal science

Education

- **Sept.2016-Jun.2019** Yangzhou University, Yangzhou, Jiangsu, China
Master of Animal Genetics and Breeding
Major: Stem cell and embryo engineering
- **Aug. 2018** University of Western Australia, Perth, Australia.
Study Academic English and Agriculture & Biology courses (visiting scholar)
- **Sept.2012-Jun.2016** Yangzhou University, Yangzhou, Jiangsu, China
Bachelor of Animal Science
Major: Animal nutrition and feed science

Research interest

- (1) Improving assisted reproductive technology
- (2) Pre-implantation embryo development
- (3) Stem cell biology, animal pluripotent stem cells

Publication

- [1] **Zhao, R.**, Zuo, Q., Yuan, X. et al. Production of viable chicken by allogeneic transplantation of primordial germ cells induced from somatic cells. *Nature Communication*, 2021, 12, 2989.
- [2] **Zhao R**, Jin J, Sun X, et al. The establishment of clonally derived chicken embryonic fibroblast cell line with high transfection efficiency and ability as a feeder cell[J]. *Journal of cellular biochemistry*, 2018, 119(11): 8841-8850.
- [3] Jin J, **Zhao R**, Chen C, et al. The Lbc gene promotes differentiation of chicken embryo stem cell into spermatogonial stem cells via the regulation of transcriptional factor Hoxa5[J]. *Journal of cellular biochemistry*, 2019, 120(5): 6952-6961.
- [4] Yuan X, Zhang C, **Zhao R**, et al. Glycolysis Combined with Core Pluripotency Factors to Promote the Formation of Chicken Induced Pluripotent Stem Cells[J]. *Animals*, 2021, 11(2): 425.

Work/Internship experience

- **Dec.2020—July.2021:** Clinic Embryologist, Henan Province Hospital
- **May.2020-Nov.2020:** Research project manager, Elimbio

Honors & awards

- **2018-2019**, First-Class Scholarship for Postgraduate Study
- **2018-2019**, Zhu Jingwen's Scholarship
- **2017-2018**, Second-Class Scholarship for Postgraduate Study
- **2016-2017**, Freshman Scholarship for Postgraduate Study