

**Molecular and Cellular Biology of Reproduction – Postdoctoral Position**  
**Selvaraj Lab of Integrative Physiology**  
**College of Agriculture and Life Sciences, Cornell University**

November 2023

**Position Description**

We are seeking a Ph.D. scientist to join our team, focusing on reproductive biology with a particular emphasis on uterine biology, embryology, and reprogramming to pluripotency. The successful candidate will investigate the cellular and molecular basis of function, particularly intrauterine and embryonic signaling mechanisms and genetic factors influencing nuclear structure and transcriptional states. Cattle will serve as the primary model system, complemented by comparative studies in laboratory animal species.

The ideal candidate should possess a strong background in cellular and nuclear function, and an understanding of *in vivo* uterine physiology is advantageous but not required. We value an individual's proven ability to work independently, adapt quickly, and stay abreast of rapid advancements in biomedical research methods. Creativity in developing new ideas and designing methods to advance projects is essential. Additionally, excellent organizational skills are required to manage various projects and effectively collaborate within a team.

Cornell University is in Ithaca, New York, USA which is a vibrant and picturesque college town known for its natural beauty, cultural richness, and academic atmosphere. Its scenic landscapes, combined with a lively downtown and an intellectually stimulating environment, make it a distinctive and cherished place to live and visit.

Interested candidates please contact Dr. Vimal Selvaraj ([vs88@cornell.edu](mailto:vs88@cornell.edu)) with your CV. References may be requested as part of the selection process. Start date is flexible.

Selvaraj Lab website: <https://blogs.cornell.edu/selvaraj/>



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