



Department of Animal and Veterinary Sciences

## Nallasamy Laboratory

The research focus of Nallasamy laboratory is to understand the structure and function of extracellular matrix in the uterus during pregnancy and parturition. The Nallasamy laboratory utilizes physiologically relevant, genetically engineered mouse models, and genomic, proteomic, tissue biomechanical and imaging techniques to address various research questions. Currently, the Nallasamy laboratory is seeking eligible and qualified graduate students to join its team.

### Minimum Qualifications

**Education:** DVM, BS or MS in Animal Sciences, Biological/Biomedical Sciences, or related field.

### Desirable Qualifications

- Courses in reproductive physiology/biology and experience working with mouse models
- Adequate knowledge and skills to perform molecular biology techniques
- Motivated individuals with a commitment to academic research
- Plans, directs, and conducts specialized and advanced research experiments
- Effectively communicate scientific data, and present at conferences
- Ability to work independently as well as collaboratively in a productive manner
- Working knowledge of computer software for data analyses, and presentations
- May be responsible for laboratory operations
- Ability to maintain quality, and safety control standards

### Application Process

Prospective students interested in joining the Nallasamy lab should contact Dr. Nallasamy via email ([Shanmugasundaram.nallasamy@med.uvm.edu](mailto:Shanmugasundaram.nallasamy@med.uvm.edu)) and should submit the following documents as a single PDF: Cover letter, CV with three references, and Copies of academic transcripts (and TOEFL scores, if applicable). The eligible students will be directed to apply through **Animal Biosciences Program**. For more information about the application process, visit the Animal and Veterinary Sciences webpage (<https://www.uvm.edu/cals/asci/graduate-program>).

*The University of Vermont is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other category legally protected by federal or state law. The University encourages applications from all individuals who will contribute to the diversity and excellence of the institution.*