

Venkata Pendekanti

[School of Biosciences \(/schools/biosciences/index.aspx\)](/schools/biosciences/index.aspx)

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About

PhD Title: Regulation of Motility and Ca²⁺ Signaling in Human Sperm

Supervisors: Dr Steve Publicover (1st Supervisor), Prof Mark Wheatley (2nd Supervisor)

To study mechanisms by which human sperm regulate their motility and understanding the importance of Calcium signaling (Ca²⁺) in human sperm motility.

Qualifications

Bachelor of Technology (BTECH) in Biotechnology at SRM University – Chennai – Tamil Nadu-India
Master's of Biotechnology (Honors') in Biotechnology at Deakin University –Geelong – Victoria – Australia

Biography

I studied Biotechnology at SRM University –Chennai-Tamil Nadu-India. Whilst at SRM University I developed interest in medical biotechnology and after my first degree I worked at Global Hospitals – Hyderabad-India, in the area of Transplant biology, Immunology and Stem cell research. After work experience of 2years, I applied for Biotechnology (Honor's) at Deakin university –Geelong-Victoria-Australia where I had an opportunity to collaborate with Laboratory of Immunology and Molecular Biomedical Research (LIMBR) and Institute for Technology & Research Innovation (ITRI) in the field of Cancer Biomarkers.

Research

Immunology, Reproductive Biology, Stem cell Research, Medical Diagnosis and Cancer Biology

Other activities

I am member of Society for Reproduction and Fertility. I also helped organizing a DR-Led Conference on cell division at University of Birmingham.

I participated in different fundraising activities through St Mary's Hospice Society and UNICEF

In my spare time I enjoy cooking and playing cricket