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Department: Pharmacology

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Educational Qualification: M. Pharm

Year of Registration: 2015

Project Supervisors: Dr. K. Elango

Research Abstract: Recently, hypoxia in cancers has been identified as one of the major impediments causing resistance to the existing therapies. Hypoxic cells develop certain survival strategies such as metabolic alterations, cellular stress responses, antioxidative responses etc., in response to such hostile microenvironment. However, the interplay between hypoxia and stress signalling pathways remains elusive. Thus, my research is focused to understand how the stress signalling pathways are regulated in hypoxic cancer cells.

Fellowships: DST Women Scientist Fellowship (WOS-A), Govt. Of India, New Delhi.

Awards & Scholarships:

- Short Term Research Fellowship from Centre for Cancer Biology, University of South Australia
- European Association for Cancer Research (EACR) Travel award
- Best Poster award in 2017 - "Hypoxic tumor microenvironment induces endoplasmic reticulum stress in solid tumors: An insight".
- Student member of The European Association for Cancer Research (Membership number: EACR24588)
- 10 Research Publications (National & International)

Way Forward: I would like to see myself as a recognised scientist in the arena of Cancer biology, establish a research group and contribute to the field of science.