

***In vitro, in vivo and in silico* approaches to assess the protective effect of *Rosa indica* petals on male infertility**

Thesis submitted in partial fulfilment of the
Degree of Doctor of Philosophy in Biotechnology

By

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80_Recommendations

- ❖ The research can further be proceeded with proteomics analysis to find out the exact mechanism of heat stress on male infertility.
- ❖ Further validation of the identified compounds, such as Kaempferol and the compounds with PubChem ID 135369658 and 57387363, may be necessary to determine their potency in regulating sperm production.