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Office of the Principal

Sophia College (Autonomous)
Bhulabhai Desai Road
Mumbai – 400026
Ph: 022-23512642 / 23523304

sophiacollegemumbai.com

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Ecotoxicity of beta-Cyfluthrin on Developmental Stages of Zebrafish (*Danio* sp.)

Sandhya Kadiru[1] and Roshan D'Souza[1,*]

[1] Department of Zoology, Sophia College for Women (Autonomous), Mumbai, Maharashtra, India – 400 026

Abstract

The extensive and indiscriminate use of insecticides gives rise to significant risks for both human health and the environment. Agricultural runoff into waterbodies like rivers and ponds results in unintended exposure of aquatic organisms to these insecticides. Beta-Cyfluthrin, a type II synthetic pyrethroid is widely used in India as an insecticide. In this study, we investigated the developmental toxicity of beta-Cyfluthrin at

common method of pesticide application is spraying

in the form of aerosols. In India, the irrigation and drainage systems in agricultural fields are closely interlinked with natural aquatic bodies. This leads to unintended entry of pesticides into ponds, lakes and rivers. This can result in exposure of non-target species like aquatic invertebrates and vertebrates

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A.P.Pahil
PRINCIPAL
SOPHIA COLLEGE,
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Mumbai – 400026
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UNDERSTANDING CISGENDER AND LGBT+ INCLUSIVE COMMUNICATION THROUGH THE USAGE OF PRONOUNS IN UNDERGRADUATES IN SOUTH MUMBAI

Dr Andrea Coutinho
Department of Education, Sophia College (Autonomous)
Mumbai, Maharashtra 400026.

Statement of Originality

This is to certify that the work contained in this research paper is original work, based on quantitative analysis, undertaken by Andrea Coutinho. It has not been published, presented or submitted elsewhere.

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