



GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM – 612 001

Affiliated to Bharathidasan University

DST - CURIE Sponsored Institution

IV Cycle of Accreditation

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CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.4. RESEARCH PUBLICATION AND AWARDS

3.4.4 Number of Books and Chapters in Edited Volumes Published per Teacher

COVER PAGE FOR BOOK

Dr. M.Govindarajan

**“Plant extracts to control the Zika virus mosquito
vector”**

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Name of the teacher	Title of the book published	Year of publication	ISBN number	Whether at the time of publication Affiliating Institution was same Yes/No	Name of the publisher
M.Govindarajan	Plant extracts to control the Zika virus mosquito vector	2019	978-613-9-91126-4	Yes	Lap LAMBERT Academic publishing

Mosquito-borne diseases, such as malaria, yellow fever, dengue, West Nile and Zika virus are of huge medical and veterinary importance. The control of arboviral diseases, particularly dengue and Zika virus, sadly lacks in reliable and effective treatments of the infection, therefore vector control still plays pivotal importance. On the other hand, the overuse of synthetic insecticides led to several public health and ecological problems, including environmental pollution, effects on non-target organisms, as well as development of resistance in targeted vectors. Insecticides from natural products may boost the effectiveness of vector control programs. This book is designed for research scholars who studies mosquito control through medicinal plant extracts. The book contains seven chapters. Chapter 1 provides a general introduction. In chapter 2, reviews of literature are given. The chapter 3 provides the biology of Zika virus mosquito vector. Chapter 4 covers the materials and methods. The observations are presented in chapter 5. The discussion is in chapter 6. Summary is in chapter 7. Finally provide references.



Marimuthu Govindarajan

Plant extracts to control the Zika virus mosquito vector



Dr. M. Govindarajan is serving as an Assistant Professor at the Department of Zoology, Annamalai University, India. He has published more than 200 studies on top-ranked journals with impact factor. He has also guided M.Phil and Ph.D scholars. He has been received major research project from DST, UGC and ICMR, Government of India, New Delhi, India.



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