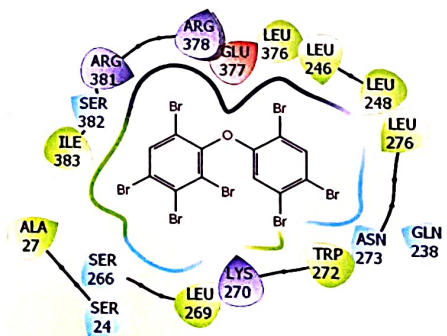
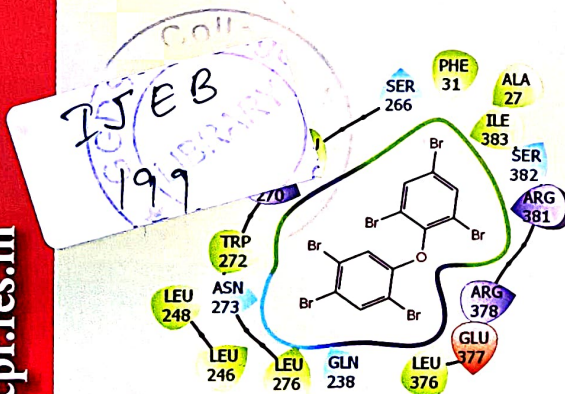
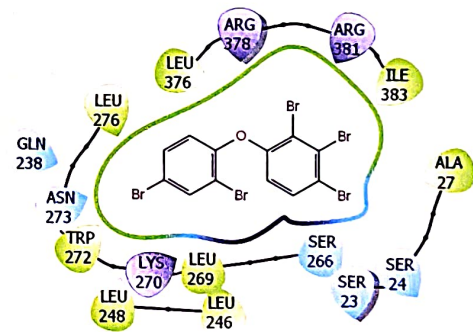
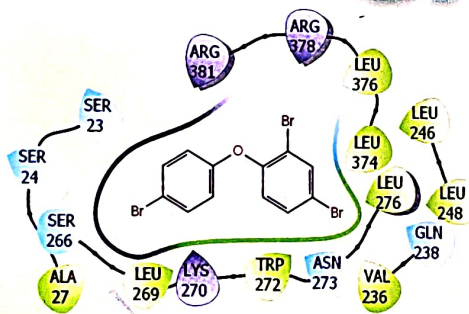




सोपसभाईभार
CSIR
 भारत का नवाचार हेंजन
The Innovation Engine of India
 A CSIR Publication

Indian Journal of Experimental Biology



<https://niscpr.res.in>

CSIR-National Institute of Science Communication and
 Policy Research

New Delhi, INDIA

Indian Journal of Experimental Biology

<https://niscpr.res.in>; <https://nopr.niscpr.res.in>; <https://or.niscpr.res.in>

VOLUME 63

NUMBER 01

JANUARY 2025

CODEN: IJEB (A6) 63 (01) 1-112 (2025)

ISSN: 0019-5189 (Print); 0975-1009 (Online)

CONTENTS

Review

- Food baited traps in fruit fly management: Present status and future prospects 7
Aarhata Nath, T Elaiyabharathi, T Srinivasan, V P Santhanakrishnan, N Sritharan & M. Murugan

Papers

- Role of polybrominated diphenyl ethers in thyroid hormone transport disruption 18
Ishfaq Ahmad Sheikh, Torki A Zughaibi, Mohd Amin Beg, Muzafar A Macha & Saif A Alharthy
- Orexinergic and cannabinoid CB1 receptors interaction on genetic absence epilepsy in WAG/Rij rats 25
Fatma Banu Aycik, Mustafa Ayyildiz & Erdal Agar
- Evaluation of ethephon induced oxidative stress to gonadal disorder and its amelioration by ethanolic extract of shoot of *Bambusa balcooa* Roxb. in albino rat 39
Uma Dutta & Barnali Haloi
- CRISPR/Cas9 mediated next generation gene therapy in chronic myeloid leukemia 52
Makbule Nihan SOMUNCU, Mahmut Selman YILDIRIM, Cihan AYDIN, Ayşe Gül ZAMANI, Tuğçe DURAN, Esra ALBAYRAK & Halil İbrahim KAVAKLI
- Hepatic and renal impairment and degenerative changes caused by carbon black nanoparticles in mice 66
Sarita Rebelo & Shamshad M Shaikh
- Antivenom potential of chitosan gold nanoparticles 76
Kanchan Saha & Sumana Sarkhel
- ### Notes
- Regulatory activity of nobiletin on MAPK/NF- κ B signaling pathway in indomethacin-induced gastric damage 86
Gözde Atila Uslu, Hamit Uslu, Taha Abdulkadir Çoban & Ebru Bardaş Özkan
- Fabrication and *in vitro* antifungal potential of nanoencapsulated eugenol against fungal contaminants of *Calocybe indica* 93
S Shalini Devi, L Aruna Priya, Ch Akshitha & Y Sreenivasulu