

CSIR-NIScPR



सोएसआईआर
CSIR
भारत का नवाचार इंजन
The Innovation Engine of India
A CSIR Publication

Indian J Exp Biol (Monthly)

April 2026

CODEN: IJEB (A6) 64 (04) 285-356 (2026)

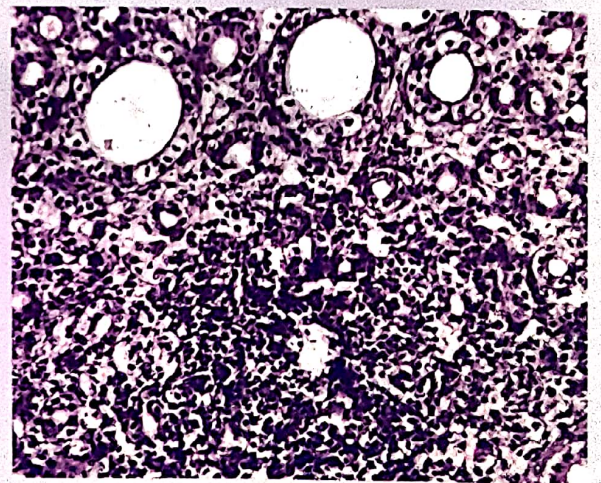
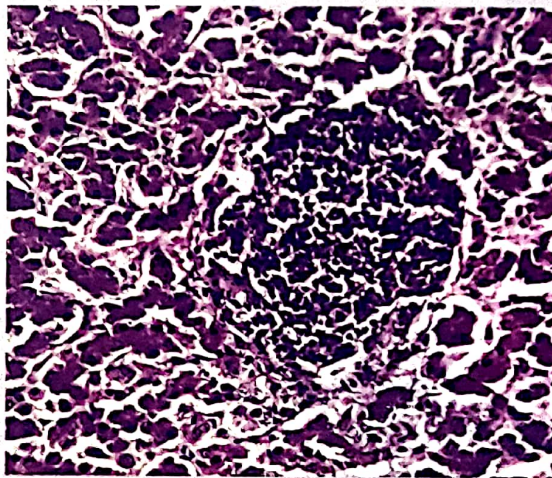
ISSN: 0019-5189 (Print); 0975-1009 (Online)

ijeb.niscpr@csir.res.in

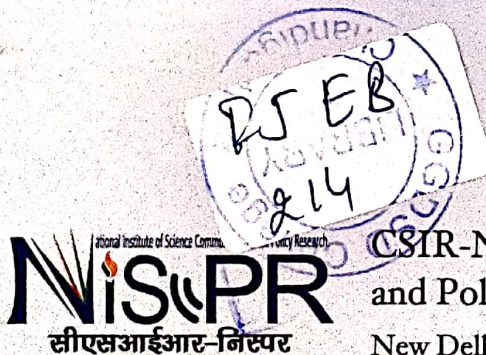
Single copy: ₹ 736.00 \$96.00

Annual Subs: ₹ 7360.00 \$960.00

Indian Journal of Experimental Biology



<https://niscpr.res.in>



CSIR-National Institute of Science Communication
and Policy Research
New Delhi, INDIA



Scanned with OKEN Scanner

Indian Journal of Experimental Biology

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

VOLUME 64

NUMBER 04

APRIL 2026

CODEN: IJEB (A6) 64 (04) 285-356 (2026)

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

CONTENTS

Mini-review

- From transcriptional noise to tumor regulators: The role of long non-coding RNAs in thyroid cancer 289
Ritika Sharma, Shreya Mangotra, Prachi Sharma, Manish Kumar Mishra, Preeti Rani & Shelly Sehgal

Papers

- Cardioprotective effect of aqueous *Commiphora myrrha* extract against alcoholic cardiomyopathy in rats 301
Abeer S. Alahmari, Ibtesam S. Alanazi & Amin A. Al-Doaiss

- Down-regulation of β -defensins, an immuno-linked gene in quinalphos-exposed birds 310
Arjun Kafle, Dulal Roy, Dilip Deka, Jadav Sarma, Rita Nath, Biswajit Dutta, Reema Saikia, Biswajit Borah, Khumtya Debbarma, Sangita Mohapatra & Manju Chapagain

- Antidiabetic activity of *Abroma augustum* (L.) L.f. and *Cajanus cajan* (L.) Millsp. extracts benchmarked through phytochemicals, enzyme inhibition and glucose uptake assays 317
Takhelchangbam Ibeeka Sharma & Chitta Ranjan Deb

- Weed to wonder: antioxidant and antibacterial investigation of *Parthenium hysterophorus* L. 331
Heena Choudhary, Aman Saket, Parshant, Shivani Singh, T. Srinivasan & Ravindra Shukla

Notes

- Green synthesized silver nanoparticles promote macrophage activation and antibacterial immunity 342
Marwa D. Jaaffer

- MOTS-c and its K14Q variant demonstrate significant lipid-lowering and weight-reducing effects in obese mice 351
Xinran Wei, Xiaohui Huang, Shuer Liu, Yujie Zhao, Xinke Wang, Jiixin Lan, Yebin Pang, Yue Gao, Di Jin & Zheng Liu