Global Journal of Bio-Science and Biotechnology

Editorial Board

Editor-in-Chief

Dr. Manoj Kumar
Department of Zoology, University of Lucknow, Lucknow-226007, U.P., India
Email: manoj1973lko@yahoo.co.in, kumar_manoj@lkouniv.ac.in

Co-Editor-in-Chief

Dr. Shishir Kumar Gangwar
Associate Professor, APRI, College of Veterinary and Animal Sciences, Dr. Rajendra Prasad Central Agriculture University (DRACU), Samastipur, PUSA, Bihar
Contact No. 7754050687, 8707885679
Email: drskgangwar1@gmail.com

Managing Editors

Dr. Namrata Sharma
Director UGC HRDC,
Devi Ahilya Vishwavidyalaya, Indore, M.P., India

Prof. V. N. Tripathi.
Director General Medical Education & Training (DGME) U.P. and Principal & Dean, Govt. Medical College Ambedkar Nagar and Kannaaj U.P. India

Editors

- Prof. Lucia Filgueiras Braga
  MatoGrosso State University - UNEMAT, Brazil
  Email: luciabraga@unemat.br

- Prof. Satish Ambadas Bhalerao
  Environmental Sciences Research Laboratory, Department of Botany, Wilson College, Mumbai-400007 India
  Email: drsatishbhalerao@yahoo.com

- Dr Mahdi Ahmed Haroun,
  Department of Industries and Environment, College of Applied and Industrial Science, University of Bahri, Khartoum, Sudan.
  Email: mahdikotsh@gmail.com

- Dr. Kamal Chandra Semwal
  Department of Biology, College of Natural & Computational Sciences, Endayeus Campus, Mekelle University, Post Box No. 3011, Mekelle, Ethiopia.
  E-mail: semwalkamal@yahoo.com, Contact No. 00-251-918260599

- Dr. Ngongeh,
  L. A. Department of Animal Science, Nsukka University, Nigeria.

- Prof. Kanwal Kishan Dhar,
  Professor of Biochemistry, College of Natural and Computational Sciences, Department of Chemistry, Aksum University, Ethiopia, Ethiopia.
  Email: kanwaldhar_56@yahoo.com, dhar.kanwal@gmail.com

- Dr. R. Krishna Murthy
  Assistant Professor, Department of Soil Science and Agricultural Chemistry, College of Agriculture, V.C. Farm, Mandya- 571 405, Karnataka, India.
  E-mail: srkmurthyssac@gmail.com

- Dr. Arun S. Khurat
  Head, Department of Biotechnology, Dr. Babasaheb Ambedkar Marathwada University, Sub-center – Osmanabad, India
  Email: arunkharat2007@rediffmail.com

- Dr. Sanjeev Kumar Srivastava
  Postdoctoral Fellow, Mitchell Cancer Institute, University of South Alabama, AL, USA
  E-mail: ssrivastava@southalabama.edu; sanjeevsgps@gmail.com, Contact No. 251-243-8953

- Dr. Pawan K. Bharti
  Scientist (Jr. A) – R&D Division, Shriram Institute for Industrial Research, Delhi, India
  E-mail: gurupawanbharti@rediffmail.com, Contact No. +91-9555264110

- Dr. Aamir Javed
  Research Scientist, BASE Fertility Research and Development Center (IVF & EMBRYOLOGY LAB), Bangalore, India
  E-mail: aamir.javed0077@gmail.com, Contact No. +91-9916389255
• Dr R.K. Patel  
  Sr. Scientist, Horticulture (Fruit Science)  
  NRC on Litchi, Mushahari, Muzaffarpur-482002, Bihar, India  
  Email: rkpaticar@gmail.com, Contact No. 08969596930

• Dr. K. Madhava Chetty  
  Department of Botany, SVUCS, S.V. University, Tirupati-517 502, Andhra Pradesh, India  
  E-mail: madhavachetty@gmail.com  
  Contact No. +91-9490486654

• Dr. Anju Verma  
  Christopher S. Bond, Life Sciences Center, University of Missouri, Columbia  
  E-mail: vermaan@missouri.edu  
  Contact No. 573-882-6171

• Dr Manoj Kumar  
  Department of Zoology, University of Lucknow, Lucknow-226007  
  E-mail: manoj1973lko@yahoo.co.in  
  Contact No. +91-9415059602

• Dr. Sachin Gupta  
  Post-Doc Associate  
  Baylor College of Medicine  
  Email: sachingupta1708@gmail.com Department of Zoology, University of Lucknow, Lucknow-226007  
  E-mail: manoj1973lko@yahoo.co.in  
  Contact No. +91-9415059602

• Dr. Ahmed Abdullah Abbas  
  Consultant and Researcher Department of Animal Resources College of Agriculture University of Anbar / Iraq  
  Email: drabsm@yahoo.com

• Dr. Suratani Sreedhar  
  Professor and Head, Livestock Production Management, College of Veterinary Science, Sri Venkateswara Veterinary University Proddatur, Kadapa district, Andhra Pradesh -516360, India  
  Email: sreedhar_svvu@yahoo.co.in  
  Contact No. +91-9440464248

• Dr. Ravindra Kumar Sharma  
  SKUAST-Kashmir, Mrigund  
  Email: dravindrasharmaskuast@gmail.com  
  Contact No. +91 9419643297, 9622237229

• Dr. Shikha Thakur  
  Department of Microbiology SIPAS, Hemwati, Nandan Bahuguna University, India  
  Email: patho.shikha@gmail.com  
  Contact No. +91 9458352825

Editorial Assistants  
  Dr. Rajesh Kumar  
  Dr. Amit Srivastava  
  Mr. Dhiraj Kumar