International Journal of Advanced Biological Research

Editorial Board

Editor-in-Chief
Dr. Shishir Kumar Gangwar
Associate Professor, APRI, College of Veterinary and Animal Sciences,
Dr Rajendra Prasad Central Agricultural University (DRPACU), Samastipur, PUSA, Bihar, India
Contact No. 7754050687, 8707885679
Email: drskgangwar1@gmail.com

Managing Editors
Prof. Rama Shanker Dubey
Vice Chancellor,
Tilka Manjhi Bhagalpur University, Bihar, India

Editors
• Prof. T. P. S. Katiyar
  Ex Dean of Agriculture, NarendaDev University of Agriculture and Technology,(NDUAT), Kumorganj,
  Faizabad, Uttar Pradesh, India

• Prof. Irina I. Rudneva
  Institute of Biology of the Southern Seas National Ukrainian Academy of Sciences,
  Nakhimov av., 2, 99011, Sevastopol, Crimea, Ukraine
  E-mail: svg-41@mail.ru, svg@bios.iuf.net

• Prof. Sundararajan
  D.Sc. Director, Centre for Advanced Studies in Biosciences (CASB), Jain University.
  127/3, Bull Temple Road, Chamarajapet, Bangalore- 560019. India

• Prof. Firas Rashad Al-Samarai
  College of Veterinary Medicine, University of Baghdad, Iraq
  Email: firas_rashad@yahoo.com

• Dr. Ngongeh, Lucas Atehmengo
  Department of Veterinary Microbiology and Parasitology, College of Veterinary Medicine to
  EmaculetMachinda, Michael Okpara University of Agriculture, Umudike, Nigeria
  E-mail: lucngongeh@yahoo.com

• Dr. EL Mahdi Ahmed Haroun
  Department of Industries, Faculty of Applied and Industrial Science, University of Bahri, Khartoum-
  Sudan, and Coordinator of Laboratory Technology Diploma Program, Centre for human Resources
  Development and Continual Education, University of Juba, Khartoum-Sudan
  E-mail: Mahdiupm@hotmail.com

• Dr. Mukund G. Bodhankar
  Department of Microbiology, BharatiVidyapeethUniversity,YashwantraoMohite College,
  ErandwaneCampus,PUNE – 411 038, India
  E-mail: mukbodh@yahoo.com

• Dr. Praveen Kumar Sharma
  Centre for Life Sciences, Central University of Jharkhand, Ranchi India
  Email: praveen.sharma@cuj.ac.in

• Mr. Rajib Roy chowdhury
  Centre for Biotechnology, VisvaBharati, Santiniketan-731235, West Bengal, India
  Email: rajibroychowdhurybu@gmail.com

• Dr (Mrs)Foleng Harriet Ndofor
  Department of Animal Science, University of Nigeria, Nsukka
• **Dr. Kaushlendra Tripathi**  
  Mitchell cancer institute, University of South Alabama, Alabama USA 36609  
  Email: ktripathi@southalabama.edu, t.kaushlendra@gmail.com  
  **Mobile:** 001-843-327-9359

• **Dr. Avijit Majumdar**  
  Senior Research Scientist, University of Texas MD Anderson Cancer Center, 1515 Holcombe Blvd., Unit # Y3.5.615, Houston, Texas 77030, USA,  
  Contact Work: (713) 792 – 5950 Mobile: (330) 554 – 8363  
  Email: amajumdar@mdanderson.org

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

• **Dr. Dilip. C.**  
  Associate Professor/InChargeDept of Pharmacy Practice, Alshifa college of Pharmacy, Perinthalmanna, kerala, India  
  Contact No. +91 99447252670  
  Email: dillu7@rediffmail.com, dillu7@gmail.com

• **Dr. Hazim Jabbar Shah Ali Al-Daraji**  
  Animal Resource Dept., College of Agriculture, University of Baghdad, Abu-Ghraib, Iraq  
  Email: prof.hazimaldaraji@yahoo.com

• **Dr. K. Madhava Chetty**  
  Assistant Professor, Department of Botany, SVUCS, S.V. University, Tirupati-517 502, Andhra Pradesh, India  
  Contact No. 9490486654  
  Email: madhavachetty@gmail.com

• **Dr. Mathews Plamoottil**  
  Head, Department of Zoology, Baby John memorial Govt. College, Chavara, Kollam, Kerala, India  
  Contact No. +91 9447059690  
  E mail: mathewsplamoottil@gmail.com

• **Prof. Dr. Khalil H. Aljeboori**  
  Department of Pathology, College of Veterinary Medicine, University of Baghdad, Iraq  
  Contact No.: +9647703991438, 7901203266  
  E-mail: khalilhassan1955@gmail.com

• **Dr. Nirav R. Shah**  
  University of South Carolina, Columbia, 229 Noah Ct. Columbia, SC-29209  
  Contact No.(916)-607-9054  
  E-Mail: shahnr@mailbox.sc.edu, nirav8383@gmail.com

• **Dr. Anil Kumar Singh**  
  Assistant Advisory Officer (Scientist-C), Tocklai Tea Research Institute, Tea Research Association, Jorhat, Assam, India  
  Contact No.(+91) 7086572325, 9800932210  
  E-Mail: singhanil80@gmail.com, ssteaboard@gmail.com

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