

# 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, NarendraDev University of Agriculture and Technology, (NDUAT), Kumarganj,  
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](mailto:svg-41@mail.ru), [svg@bios.iuf.net](mailto: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: [firmas\\_rashad@yahoo.com](mailto:firmas_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](mailto: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](mailto:Mahdiupm@hotmail.com)
- Dr. Mukund G. Bodhankar  
Department of Microbiology, Bharati Vidyapeeth University, Yashwantrao Mohite College,  
Erandwane Campus, PUNE – 411 038, India  
E-mail: [mukbodh@yahoo.com](mailto:mukbodh@yahoo.com)
- Dr. Praveen Kumar Sharma  
Centre for Life Sciences, Central University of Jharkhand, Ranchi India  
Email: [praveen.sharma@cuja.ac.in](mailto:praveen.sharma@cuja.ac.in)
- Mr. Rajib Roy chowdhury  
Centre for Biotechnology, Visva Bharati, Santiniketan-731235, West Bengal, India  
Email: [rajibroychowdhurybu@gmail.com](mailto:rajibroychowdhurybu@gmail.com)
- Dr (Mrs) Foleng Harriet Ndofor  
Department of Animal Science, University of Nigeria, Nsukka

- Dr. KaushlendraTripathi  
Mitchell cancer institute, University of South Alabama , Alabama USA 36609  
Email: kttripathi@southalabama.edu,t.kaushlendra@gmail.com  
Mobile: 001-843-327-9359
- Dr. AvijitMajumdar  
Senior Research Scientist, University of Texas MD Anderson Cancer Center, 1515 Holcombe Blvd.,  
Unit # Y3.5615,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