

Monthly Report for October 2021

Department of Biochemistry
University of Delhi South Campus

Achievements

1. *Honours and distinctions:*

Other Educational Activities:

- a. **Prof. Debi P. Sarkar** – Invited as an Expert Member to attend the meeting of FSSAI (Food Safety and Standards Authority of India), New Delhi to examine the approval of Non-Specified Food and Food Ingredients on 12th October 2021.
- b. **Prof. Debi P. Sarkar** – Invited as an Expert Member to attend a meeting to evaluate the proposal of DBT programme Support at IIT-Guwahati on 13th October 2021.
- c. **Prof. Debi P. Sarkar** – Invited as a Member to attend the meeting of GTAEC (Gene Therapy Advisory and Evaluation Committee) by Dept of Health Research (DHR) on 27th October 2021.
- d. **Prof. Debi P. Sarkar** - Invited as an Expert by IBSD, Imphal, Manipur for assessment committee meeting of Scientific staff on 26th October, 2021.
- e. **Dr. Garima Khare** - Delivered an oral presentation (invited speaker talk) at the '2nd World Congress and Expo on Cell and Stem Cell Research' held on October 7th, 2021 organised by Cell and Stem Cell 2021

Student Award

Chetna Dhembla, Ravindra D. Makde, Monica Sundd and Suman Kundu (2021), "Insights into the structure and function of Fatty Acid Pathway Proteins of *Leishmania major* to identify potent anti-leishmanials", International conference on Infections and Immunity, 8th-10th Oct 2021, Department of Zoology, Daulat Ram college, University of Delhi, India. (**First Prize in poster presentation**)

2. *Research Projects/ Publications including books/ Patents/ Technology Transfer/ Industrial Collaborations:*

Research

Prof. Suman Kundu - Collaborative Research Agreement with M/s Sai Phytochemicals Pvt. Ltd, New Delhi, India for the project entitled "Pathophysiological investigations of sickle cell disease and interventions to improve associated hemorheological abnormalities", for 5 years from 20th October, 2021

Publication

Dey, S.K., Saini, M., Dhembla, C., Bhatt, S., Rajesh, A. S., Anand, V., Das, H.K., **Kundu. S.** (2021). Suramin, Penciclovir and Anidulafungin exhibit potential in the treatment of

COVID-19 via binding to nsp12 of SARS-CoV-2. Journal of Biomolecular Structure and Dynamics, DOI: 10.1080/07391102.2021.2000498 (Accepted October 29, 2021).

3. *Seminars/ Conferences/ Workshops Organized:*

Dr. Garima Khare - Organised and conducted an online training programme on “Advanced training course on TB research in BSL3 and protocols” (organised by the UDSC-BSL3 facility) on 26th October – 1st November, 2021.

4. *International collaborations including students exchange*

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5. *Extension and outreach activities and any other significant achievements/activity*

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