

Monthly Report for September 2019

Department of Biochemistry
University of Delhi South Campus

Achievements

1. *Honors and distinctions*

Faculty Honors / Distinction

Professor Suman Kundu: Chaired a session on “Advances in Cardiovascular Protection and Therapy II” in the 6th Meeting of European Section and 7th Meeting of North American Section of the International Academy of Cardiovascular Sciences (IACS) organized by IACS-European and North American Section and Serbian Association for Arteriosclerosis, Thrombosis and Vascular Biology Research (11th – 14th September, 2019) on “Cardiometabolic Diseases: How New Research May Lead to New Cardioprotective Therapy”, Vrnjacka Banja, Serbia (Chaired on 14th September, 2019)

Professor Alo Nag has been invited as a member of the Institutional Ethics Committee (for three years) of National Institute of Cancer prevention and Research, a premier Research Institute of Indian Council of Medical Research (ICMR) under Ministry of Family Health and Welfare (MoHFW).

Professor Suman Kundu: Invited Talk: “Novel Inhibitors of Dopamine Beta Hydroxylase as Potential Anti-Hypertensives: Drug Discovery and Validation” 6th Meeting of European Section and 7th Meeting of North American Section of the International Academy of Cardiovascular Sciences (IACS) organized by IACS-European and North American Section and Serbian Association for Arteriosclerosis, Thrombosis and Vascular Biology Research (11th – 14th September, 2019) on “Cardiometabolic Diseases: How New Research May Lead to New Cardioprotective Therapy”, Vrnjacka Banja, Serbia, 14th September, 2019.

Professor Debi P. Sarkar: Invited talks presented in DST Sponsored Fourth Lecture Workshop on Transdisciplinary Areas of Research and Teaching by Shanti Swarup Bhatnagar Awardees, September 27-28, 2019 at Deen Dayal Upadhyaya College, DU, Dwarka Sector 3 New Delhi, 110078. Talk: **Sendai Virus Recruits Cellular Villin to Remodel Actin Cytoskeleton During Fusion with Hepatocytes: Implications in Liver Gene Therapy**

Student-Post Doc Award

Dr. Swati Kundu : **Travel Award 2019** in the 6th Meeting of European Section and 7th Meeting of North American Section of the International Academy of Cardiovascular Sciences (IACS) organized by IACS-European and North American Section and Serbian Association for Arteriosclerosis, Thrombosis and Vascular Biology Research (11th – 14th September, 2019) on “Cardiometabolic Diseases: How New Research May Lead to New Cardioprotective Therapy”, Vrnjacka Banja, Serbia

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

Site-specific phosphorylation of villin remodels the actin cytoskeleton to regulate Sendai viral glycoprotein-mediated membrane fusion. Sunandini Chandra, Manoj Kumar, Nishi R. Sharma and **Debi P. Sarkar**. FEBS Letters 593 (2019) 1927–1994

3. *Seminars/Conferences/Workshops Organized*

"The failure of stem cell therapy in ischemic stroke: An *in vitro* study on dental and adipose-derived human mesenchymal stem cell", Dr. Syed Shadab Raza, Era's Lucknow Medical College & Hospital, Era University, Lucknow, 11th September 2019.

4. *International collaborations including students exchange*

None

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

None