

**UGC-SAP Symposium – 2017
Department of Biochemistry
University of Delhi South Campus**



Symposium on
Advances in Disease Biology and Disease Management
March 18, 2017



:: Sponsored by ::

UGC-SAP Program, Department of Biochemistry

:: Venue ::

Auditorium, 3rd Floor, Biotech Building, University of Delhi South Campus

Programme Schedule

9:30 am – 9:45 am	:	Welcoming Remarks
9:45 am – 10:45 am	:	Vitamin D deficiency and hypocalcemic disorders in India Prof. Ravinder Goswami, AIIMS, New Delhi
10:45 am – 11:15 am	:	Tea/Snacks
11:15 am – 12:15 pm	:	Metabolic reprogramming: Implications in inflammation and cancer Dr. Ellora Sen, NBRC, Delhi
12:15 pm – 1:15 pm	:	Wonderful world of a small regulatory RNA: Mechanism and function Dr. Suvendra Nath Bhattacharyya, IICB, Kolkata
1:15 pm – 2:15 pm	:	Lunch
2:15 pm – 3:15 pm	:	Discovery and Development of SIRTURO - A new drug for drug-resistant tuberculosis – Harnessing value of Innovation Dr. Anil Koul, IMTECH, Chandigarh
3:15 pm – 4:15 pm	:	An attempt to understand the pathogen biology of <i>M. tuberculosis</i> for strategic interventions Prof. Seyed E. Hasnain, Jamia Hamdard University, Delhi
4:15 pm	:	Vote of Thanks
4:30 pm	:	High Tea

Background and objective of the Meeting

Department of Biochemistry had organized UGC-SAP symposium on 18th March 2017. The symposium was held at the Auditorium of the Biotech Building at UDSC. The purpose of this Symposium was to create a forum for the exchange of dialogue between the students and the invited speakers and to provide encouragement and motivation to the students towards research.

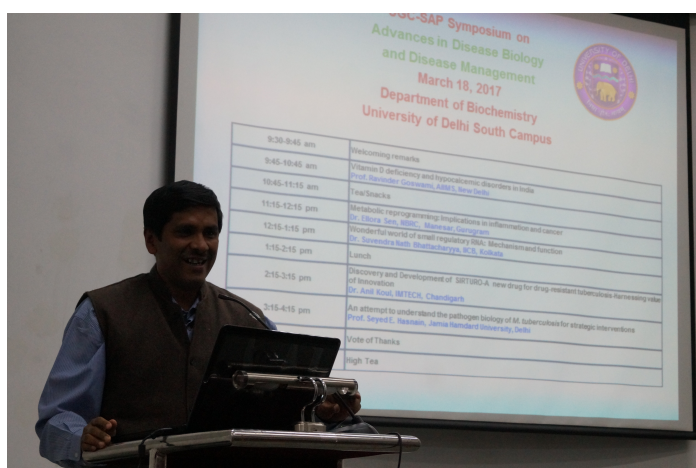
The Symposium had two major objectives:

- To provide recent research insights in varying fields of human diseases by eminent scientists
- To provide an opportunity to the students to interact with invited speakers about their research

The meeting was attended by the Head of the Department, faculty members, Prof. Anil K. Tyagi (Vice-Chancellor of the GGS Indraprastha University), M.Sc. students, Ph.D. scholars and office staff of the department.

Opening Remarks

The program was started with welcome remarks by Prof. Suman Kundu (Deputy Co-ordinator of SAP program) and Dr. Garima Khare (convener of the symposium). Prof. Kundu apprised everyone about the SAP program and its purpose. The welcome remarks were followed by a saraswati vandana sung by a Ph.D. student of the department.



Scientific Session

The scientific session of the symposium included lectures from eminent scientists from various premier Institutes of India. The invited speakers were Prof. Ravinder Goswami; AIIMS, New Delhi, Dr. Ellora Sen; NBRC, Gurugram, Dr. Suvendra Nath Bhattacharyya; IICB, Kolkata, Dr. Anil Koul; IMTECH, Chandigarh and Prof. Seyed E. Hasnain; Jamia Hamdard University, New Delhi. All the invited speakers were welcomed.



The session was started with an impressive lecture by **Prof. Ravinder Goswami**, from AIIMS, New Delhi about the “Vitamin D deficiency and hypocalcemic disorders in India”. Prof. Goswami spoke about this very relevant topic and the importance of vitamin D for human health. He also emphasized the ways to assimilate vitamin D for common public and the complications associated with the deficiency of Vitamin D and its consequences. It was a very thought-provoking lecture and encouraged many students to ask a number of questions and interact with the speaker.





The second lecture was delivered by **Dr. Ellora Sen**, from NBRC, Manesar on the topic “Metabolic reprogramming: Implications in inflammation and cancers”. Dr. Sen addressed the audience about her work on the understanding of the factors associated with the Glioblastoma cancers. She provided insights into various metabolic pathways that interact with each other and are involved in cancers. The talk was highly motivating for the students.

The third lecture was delivered by **Dr. Suvendra Nath Bhattacharyya**, from IICB, Kolkata on the topic “Wonderful world of small regulatory RNA: Mechanism and function”. Dr. Bhattacharyya provided a detailed mechanistic overview of various small regulatory RNAs that can be used as biomarkers for diagnostics. The talk was very impressive and provided novel and innovative research ideas.



The fourth lecture was delivered by **Dr. Anil Koul**, Director, IMTECH, Chandigarh on the topic “Discovery and Development of SIRTURO – A new drug for drug resistant tuberculosis- Harnessing value of innovation”. Dr. Koul talked about his research journey for the discovery of the only new drug identified against tuberculosis. He interacted with the students about their queries related to the process of drug discovery and was indeed an innovative and informative talk.

The final lecture was delivered by **Prof. Seyed E. Hasnain**, Vice- Chancellor, Jamia Hamdard University, New Delhi. Prof. Hasnain gave a very informative talk on the topic “An attempt to understand the pathogen biology of *M. tuberculosis* for strategic interventions”. He emphasized the problems involved in the development of the intervention strategies against tuberculosis and about his recent research work towards the drug discovery using repurposing approach.



The Symposium ended with a vote of thanks by the organizing committee to all the speakers and the participants.