

DAILAB PIKNIKH SERIES XXIII

(Platform for Innovating KNowledge to International



Welcome to the International Conference on

Trends in Biochemical and Biomedical Research: Advances and Challenges (TBBR-2018)

Organized by: Department of Biochemistry, Institute of Science, Banaras Hindu University Varanasi-221005, INDIA
February 13-15, 2018



February 14, 2018
(Wednesday)
9:40 – 11:40 pm
Banaras Hindu University,
Varanasi (India)



Session 4: Stress surveillance and survival- Teachings, tools and technologies
DAILAB PIKNIKH SERIES XXIII (Platform for Innovating KNowledge to International Know How)
Venue: Main Hall (First Floor)
Rapporteur: Malabika Biswas
Chairpersons: Renu Wadhwa and Subash C. Gupta

- 9:40 AM-9:55 AM Yoshihiro Ohmiya (Tsukuba Japan)
Development of bioluminescence-based functional quantitative assays
- 9:55 AM-10:10 AM Renu Wadhwa (Tsukuba Japan)
Mortalin matters in carcinogenesis: Its management by herbs
- 10:10 AM-10:25 AM Yoshiaki Onishi (Tsukuba Japan)
Methylation of clock genes on cancer: Modulation of circadian rhythm
- 10:25 AM-10:40 AM Sunil Kaul (Tsukuba Japan)
Therapeutic potentials of Ashwagandha-Biology to biotechnology
- 10:40 AM-10:55 AM D. Sundar (IIT Delhi)
Anticancer activity of Withaferin-A: Bioinformatics and experimental Insights into the role of NF- κ B as a key regulator
- 10:55 AM-11:10 AM Tomohiro Tamura (Hokkaido Japan)
Microbial production of active vitamin D3-intention, Innovation and Industry
- 11:10 AM-11:25 AM Ajai Kumar B. Kunnumakkara (IIT Guwahati)
Role of lipocalin-2 in the development of human oral squamous cell carcinoma
- 11:25 AM-11:40 AM Mototada SHICHIRI (Osaka Japan)
The lipid peroxidation biomarkers for detection of diseases



challenges (TBBR-2018)" during February 13-15, 2018. Biochemistry is fundamentally connected to multidisciplinary areas of research. The subject has applications in various fields of modern biology including medicine, genetics, microbiology, molecular biology, nutrition, and agriculture. The aim of this conference was to explore the existing concepts, recent findings, controversies, and challenges in all avenues of biochemical and biomedical research. Academicians, researchers, clinicians, industrialists, and students from all over the world participated in the conference. Some of the most eminent names include Dr. Sen Pathak, Dr. Bharat Aggarwal, Dr. Kapil Mehta, Dr. Richard Eckert, Dr. Zigang Dong, Dr. Farid Badria, Dr. Willem van Otterlo and many others. Many interactive sessions for young scientists and established researchers were incorporated. The conference provided a platform for sharing experiences, ideas, latest developments, and future collaborations. DAILAB played a major role.

DAILAB PIKNIKH series XXIII was organized, studied and relished by one and all. The session was chaired by Dr. Renu Wadhwa and Dr. Subhash C. Gupta. Dr. Renu Wadhwa, Dr. Sunil Kaul, Dr. Yoshiaki Onishi, Dr. Ajay Kumar, Tomohiro Tamura, Dr. Mototada Shichiri, Dr. Yoshihiro Ohmiya and Ms. Vidhi Malik (for Dr. Sundar Durai) gave expert talks and discussed the molecular biology in cancer research. It was a great platform for training and initiating new collaborations. Organizing committee and experts of science felt great honor to participate and learn in this conference. Many initiated interest to collaborate and initiate new projects.