

PROGRAMME SCHEDULE WITH LIST OF INVITED SPEAKERS

Venue of the conference: Platnium Jubilee Auditorium, PGRRCDE, Osmania University, Hyderabad
Date: 17th September 2018 (Monday)

Time	SESSION
10:00 – 10:30 AM	INAUGURATION : WELCOME ADDRESS BY THE CONVENER
SCIENTIFIC SESSION-I	
Chairperson: Prof Ch. Venkata Ramana Devi , Dean, Faculty of Science, UCS; Osmania University	
10:30 – 11:30 AM	Key Note Address : Dr. Absar Ahmad, Director , Interdisciplinary Nanotechnology Center - Aligarh Muslim University, Aligarh, INC-AMU
11:30 – 11:55 AM :	Hi-TEA
Chairperson : Dr. M. Raghunath (Retd) Scientist G, NIN-ICMR, Hyderabad	
12:00 – 12:30 PM	Dr. Sanjay K Banerjee , Biologist & Pharmacologist, Drug Discovery Research, Centre-Translational Health Science and Technology Institute, Faridabad
12:30 – 01:05 PM	Dr. M. Mohana Krishna Reddy , Principal Scientist; IICT-CSIR, Hyderabad
1:10 – 02:10 AM :	LUNCH
SCIENTIFIC SESSION-II	
Chair Person: Prof K. Vali Pasha , Yogi Vemana University, Kadapa. (AP)	
2:15 – 2:45 PM	Dr. Gadiparthi N Rao , George & Elizabeth Malloy Professor University of Tennessee, Memphis, USA
2:50 – 3:20 PM	Dr. P. Rajendra , Associate Professor; Central University of Kerala, Kasaragod, Kerala
3:20 – 3:30 PM:	Hi-TEA
Chair Person: Prof K. Janardhan Reddy (Retd) Principal, UCS, OU	
3:35 – 4:00 PM	Dr. M Sasikala , Head, Basic Science Research, Asian Institute of Gastroenterology, Hyderabad
4:05- 4:30 PM	Dr. V. Vijaylakshmi , Scientist F, National Institute of Nutrition-ICMR, Hyderabad
4:35- 5:00 PM	Dr. G. D. Heda , Professor of Biology, Department of Science & Mathematics, Mississippi University for Women, Columbus, USA
Poster Presentations by M.Sc students: Open from 11:30 AM to 5:00 PM	
Selection of Best Poster Presentation: 12:00 to 1:30 PM	
(1) Dr. P. Raghu , National Institute of Nutrition, Hyderabad	
(2) Dr. Raju Padiya , Department of Biochemistry, OU	
(3) Dr. J. Trinath , Birla Institute of Technology and Science, Hyderabad	

Date: 18th September 2018 (Tuesday)

Time	SESSION
SCIENTIFIC SESSION-III	
Chairperson: Dr. CV. Ratnavathi , Principal Scientist, Indian Institute of Millet Research, Rajender Nagar, Hyderabad	
10:00 – 10:30 AM	Dr. L. Rajendra , Vice-President R&D, Indian Immunological Limited, Hyderabad
10:30 – 11:00 AM	Prof. CC Giri , Director-CPMB, Osmania University, Hyderabad
11:00 -11:20 AM :	TEA
11:20 AM – 12:50 PM	Oral presentations Research Scholars – Judges: (i) Prof. Vijay Deshpande (Retd, Department of Biochemistry, OU) (ii) Dr. B. Manjula , Asst. Prof. Department of Biochemistry, OU (iii) Dr. S. Manju Devi , Department of Biochemistry, OU
1:00 – 01:45 PM:	LUNCH
01:50 – 02:40 PM	Valedictory Function Chief Guest : Prof. K. Narasimha Reddy , President : Telangana Academy of Science Distribution of Prizes and Certificates
02:45 – 05:30 PM	Felicitation to Prof. Beedu Sashidhar Rao on his attaining superannuation
05:30 PM	Hi-Tea

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NCB-IR-2018



Two days National Conference

On

IMPACT OF BIOCHEMISTRY IN INTERDISCIPLINARY RESEARCH

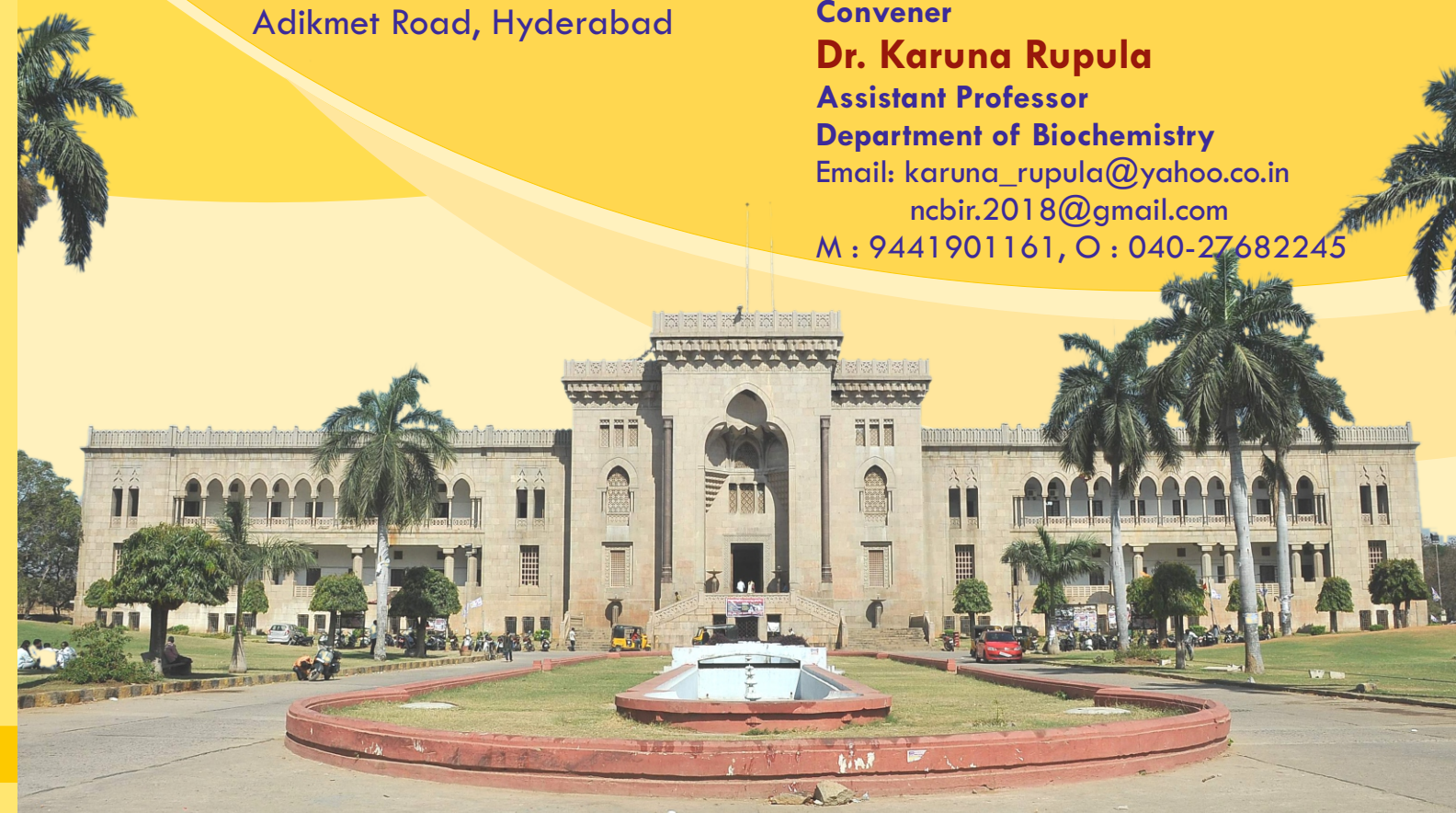
17th & 18th September, 2018.



Organized by
The Department of Biochemistry
University College of Science
Osmania University, Hyderabad-500 007
Telangana State

Venue
Platnium Jubilee Auditorium
PGRRCDE, Osmania University
Adikmet Road, Hyderabad

Convener
Dr. Karuna Rupula
Assistant Professor
Department of Biochemistry
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ABOUT HYDERABAD

Hyderabad is the capital city of the newly formed Telangana state and also for the erstwhile undivided state of Andhra Pradesh. With a colorful history spanning over 400 years, Hyderabad showcases the best of North and South India. This "City of Pearls" was once a notable pearl and diamond trade center in South Asia and offers travellers the best of bazaars, bungalows, and biryani. Located on the banks of the Musi River, the city of Hyderabad was established in 1591 by Muhammad Quli Qutub Shahies. The city is noted for its unique culture, a lineage which can be traced back to the Asaf Jahi rulers, who were great patrons of literature, art, architecture, culture, jewellery collection and rich food. Modern Hyderabad is a twin city conjoined with Secunderabad. Some of the most exciting tourist spots of the city include: The Golconda fort, The Charminar, Salarjung Museum, The Birla Mandir, Birla Planetarium, Hussain Sagar, Chowmohalla palace, Qutub Shahi tombs, Ramoji Film city, Shilparamam, Lumbini Park, Jala vihar etc. Hyderabad is also a hub for higher educational institutes such as Hyderabad University, Nalsar University of law, Hyderabad-IIT, BITS Pilani and many research institutes such as CCMB, IICT, NIN, CDFD etc.

ABOUT OSMANIA UNIVERSITY

Osmania University is a one hundred year old state university located in Hyderabad, in Telangana state, India. It is the third oldest university in southern India, and the first to be established in the erstwhile princely State of Hyderabad. The university was established in 1917 by His Excellency Mir Osman Ali Khan, Asaf Jah VII the Nizam of the Hyderabad state, to cater to modern and higher education. The main campus is a chief intellectual center in Hyderabad, and its alumni and faculty members include many distinguished individuals, including former Prime Minister of India, Shri P. V. Narasimha Rao. The university has a campus of nearly 1600 acres with 300,000 students pursuing their higher studies. It attracts students from across the nation as well as from other countries. Nearly 5000 faculty and staff are employed at Osmania. Most of faculty are also active researchers funded by various autonomous agencies of the government of India. Osmania University is accredited by NAAC with A+ grade, University with Potential for excellence (UPE) and ranked 801-1000 in the world by the Times Higher Education World University Rankings of 2018, 251-300 in Asia and 251-300 in the BRICS & Emerging Economies University Rankings in 2017. The National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development (MHRD) ranked the university as 28th among other Indian Universities (2018).

ABOUT DEPARTMENT OF BIOCHEMISTRY

The Department of Biochemistry had its origin in 1963 in the Department of Chemistry and evolved as a full-fledged department in 1971 under the head ship of Prof. late Shri L.K Ramachandran. The department offers M.Sc. and PhD degree in Biochemistry. Additionally it oversees the conduct of B.Sc. programs in 12 affiliated colleges and PhD programs in 7 research institutions. At present there are 6 teaching staff, one UGC Assistant Professor (FRP) and 15 non-teaching staff in the department. Several of the departmental faculty are also acclaimed researchers in their respective fields, and some are also panel members in Indian government bodies such as FSSAI, IBSC & ISCA. In recognition of the teaching and research accomplishments some of the faculty have been elected as fellow of AP and later Telangana Academy of Sciences. The university grants commission (UGC-New Delhi) sanctioned substantial assistance to the department under its COSIST programme. The department of science and technology (DST-New Delhi) has awarded the FIST grant. The department could obtain additional research grant from various agencies such as CSIR, DAE, ICAR, ICMR etc. and recently the ISLARE-DBT and UGC-CPEPA grants. Presently the department is also a recipient of the DST-PURSE II programme.

The major research areas of the department are, in Lathyrism, Metal toxicities, hypoxia, Signal transduction, Fungal metabolism, Molecular Epidemiology, Food toxicology, Immunodiagnostics, Nano-biocomposite materials, Hereditary anemia, Biomarkers, Endometriosis, Breast Cancer, Natural products, Diabetic cardiomyopathy and Cardiovascular diseases etc. The department is also a platform for post-doctoral fellows (D.S Kothari Fellowship, UGC, CSIR etc.), Women Scientists and several other fellowships like UGC-BSR, RGNF, DST-INSPIRE. In tune with its academic accomplishments, the department conducted many National Conferences and International Conference such as ICBNP-2015, successfully and also conducted regular health camps.

THEME OF THE CONFERENCE

Biochemistry is a specialized subject that deals with the chemistry of biomolecules, the mechanisms of metabolic processes, their role in functioning, growth and reproduction of all living organisms. The primary aim of this **National Conference on Impact of Biochemistry in Interdisciplinary Research (NCB-IR-2018)** is to enhance the connectivity between Biochemistry and other fields of Life Sciences including Botany, Zoology, Genetics, Microbiology, Biotechnology and Chemistry, and also Physical sciences in the development of scientific analytical infrastructure suitable for professionals and researchers in these fields. Secondly, to address the exploration of Biochemistry in major interdisciplinary fields such as Nanotechnology, Environmental Sciences, Forensic science, Neuroscience, Biomedical engineering, Epidemiology, Pharmacology etc. Finally, the goal of the conference would be to share our scientific knowledge, expertise technology and it's applications in multidisciplinary fields including: Drug design & discovery, Therapeutics, Agronomical growth, Analytical Chemistry, Nutrition, Food industry etc. This two days conference would provide a platform for young life science students, scholars and faculty members in understanding the importance of Biochemistry, and taking up active research in interdisciplinary fields.

PATRONS

Prof. S. Ramachandram

Hon. Vice Chancellor, Osmania University

Prof. Ch. Gopal Reddy

Registrar, Osmania University

Prof. T. Krishna Rao

OSD to VC

Prof. T. Parthasarathy

Dean, Development & UGC affairs

Prof. Ch. Venkataramana Devi

Dean, Faculty of Science

Prof. Shivaraj

Principal, UCS, Osmania University

Prof. S. Satyanarayana Singh

Head, Department of Biochemistry

Prof. B. Sashidhar Rao

Coordinator, OU-DST PURSE II programme

SCIENTIFIC ADVISORY COMMITTEE

Dr. M. Mohana Krishna Reddy

Principal Scientist, IICT-CSIR
Hyderabad.

Dr. B. Manjula

Asst. Professor, Dept. of Biochemistry
Osmania University

Dr. V. Vijayalakshmi

Scientist F, NIN- ICMR
Hyderabad.

Dr. Raju Padiya

Asst. Professor, Dept. of Biochemistry
Osmania University

ORGANIZING COMMITTEE

Dr. B. Janaki Srinath, Dr. Sujatha Nayak, Dr. Mala Ranjan, Dr. G. Brunda, Dr. D. Raju, Dr. G. Shyam Prasad, Dr. K. Tanuja, Dr. S. Manju Devi, Dr. G. Manjula, Dr. Mir Zahoor Gul, Dr. K. Vani, Dr. S. Ravi Kiran, S. Kalaignana Selvi, G. Deepika, V. Suresh, B. Venkataiah & Non-teaching Staff of the Department of Biochemistry



DEPARTMENT OF BIOCHEMISTRY

University College of Science

Osmania University, Hyderabad – 500 007, Telangana, INDIA.

Two-day National Conference on

“Impact of Biochemistry in Interdisciplinary Research (NCB-IR 2018)”

17th – 18th September, 2018

Call for abstracts:

The Department of Biochemistry, Osmania University, Hyderabad is organizing a Two-day “**National Conference on Impact of Biochemistry in Interdisciplinary Research (NCB-IR 2018)**” during 17th – 18th September, 2018. The scientific sessions in the conference includes presentations/talks by renowned scientists/academicians from various research institutes (CSIR, ICMR, ICAR etc.), Universities and Industry from India and abroad on the recent advancements in the field of Biochemistry and its allied branches (**Brochure enclosed**). We welcome abstracts addressing any aspect of the above mentioned areas.

- ❖ **Oral Presentation:** Ph.D. Scholars and Post Docs working in your research group may be encouraged to participate and present their ongoing research.
- ❖ **Poster presentations:** M.Sc. students are also encouraged to present posters in the conference.

Submission of Abstract:

The participants need to register by submitting the duly filled in registration form (enclosed) by 5th August, 2018. Registration forms along with the abstracts (for both Oral and Poster presentation) need to be submitted by email to convener of the conference at ncbir.2018@gmail.com and CC to ziahgul@gmail.com without fail. The last date for the submission of abstract is **20th August, 2018**. The Scientific committee will select the best abstracts for both oral and poster presentation based on the theme of the conference. The decision of the scientific committee will be final regarding the shortlisting of acceptance of abstracts and same will be communicated to the presenting author. The selected oral presentations will be allotted 10 min time to make the presentation on the 2nd day of conference. Prizes will be awarded to the Best Oral/ Poster presentations.

*Note: There is **NO Registration Fee** for the presenters to participate in the conference.

Guidelines for preparing abstract:

1. Abstract should be typed on **A4 sheet**
2. It should be prepared in **Arial 10 point letter** and **Single line spacing**, emphasizing the objectives, Methods, Results and Inferences.
3. Title should be in **Bold**, mention the name of the author/s with affiliation and complete address (including email)
4. The name of presenting author should be **Bold & Underlined**
5. Abstract should not be **more than 300 words**
6. Abstract should be sent to the convener by email (ncbir.2018@gmail.com and CC to ziahgul@gmail.com).

Poster

- 2 posters from each participating department (OU), minimum of 2 students per poster
- 2 posters from Colleges and research institutes, minimum of 2 students per poster.
- The dimension of the poster should not exceed 30 inches (76.2 cm) wide and 40 inches (101.6 cm) length.

*For any information/clarification regarding the submission of abstracts please contact **Dr. Mir Zahoor Gul (Post - Doctoral fellow)** on +91 9848008648 or ziahgul@gmail.com

Dr. Karuna Rupula
Convener, (NCB-IR 2018)
ncbir.2018@gmail.com



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Registration form

Name of the participant(s):

Student ID No:

Course and Department:

Corresponding Address:

Contact No:

E-mail ID:

*Title of the abstract:

Name /Signature
Of the student /Post Doc

Recommendation by Supervisor/Head

Signature / Name of Supervisor/Head

*(Complete abstract should be submitted as per guidelines by email to ncbir.2018@gmail.com and CC to ziahgul@gmail.com)