

Lead Speakers

1. Prof. K. K. Bhutani, Director, NIPER, Chandigarh
2. Dr. S. Natarajan, Exe. Vice President, R&D, Sami Labs Ltd., Bangalore
3. Dr. V. K. Tripathi, CEO, Ozone Pharmaceuticals, New Delhi
4. Dr. Ganesh Sambhashivam, Co-founder Anthem Biosciences, Bangalore
5. Dr. U. V. Babu, Himalaya Drug Company, Bangalore
6. Dr. P. D. Mishra, Piramal Life Sciences, Mumbai
7. Dr. Jayashree Aiyar, Jubilant Biosys, Bangalore
8. Dr. P. V. Salimath, CFTRI, Mysore
9. Prof. T. Pullaiah, Sri Krishnadevaraya University, Ananthapur
10. Dr. S. Basappa, Dept. of Biochemistry, Bangalore University
11. Dr. C. N. Manoj, Polican Biotech and Chemical Labs Pvt. Ltd., Alleppey, Kerala.
12. Mr. Prashanth D'souza, Natural Remedies Pvt. Ltd., Bangalore.

Scientific Advisory Committee

- Dr. Ganesh Sambhashivam, Co-founder, Anthem Biosciences, Bangalore.
- Dr. Salimath P. V., Head, Biochemistry and Nutrition, CFTRI, Mysore.
- Prof. Y. M. Jayaraj, Professor, Dept. of Microbiology, Gulbarga University, Gulbarga.
- Prof. A. H. Rajasab, Chairman, Dept. of Botany, Gulbarga University, Gulbarga.
- Dr. U. V. Babu, Head - Agrotech & Phytochemistry, R & D, The Himalaya Drug Company, Bangalore.
- Prof. Chidananda Sharma, Prof. and Chairman, Dept. of Biotechnology, Bangalore University.
- Dr. R. K. Sharma, Former Scientist 'G', CDRI, Lucknow.
- Prof. Y. L. Ramachandra, Chairman, Dept. of Biotechnology, Kuvempu University.
- Dr. S. Balasubramanya, Managing Director, Rishi Herbal Technologies, Bangalore.

Chief Patrons

Shri. S. NARASA RAJU
Founder Chairman, Children's Education Society, Bangalore.

Shri. S. N. V. L. NARASIMHA RAJU
Executive Director, The Oxford Educational Institutions, Bangalore.

Patrons

- Dr. G. Padmanaban, Indian Institute of Science, Bangalore.
- Dr. M. K. Majeed, Managing Director, Sami Labs, Bangalore.
- Dr. K. K. Narayanan, Managing Director, Metahelix Life Sciences, Bangalore.
- Dr. Amit Agarwal, Director, R & D - Human Health Products, Natural Remedies, Bangalore.
- Prof. G. R. Naik, Registrar, Karnataka State Women's University, Bangalore.
- Dr. Ananth Raj, Executive Secretary, VGST, Dept. of IT & BT, Govt. of Karnataka, Bangalore.
- Prof. T. Pullaiah, Emeritus Professor, Sri Krishnadevaraya University, Ananthapur, A.P.

Organizing Committee

Dr. Elsamma Thomas Varricatt	Chairperson
Dr. Vedamurthy A. B.	Organizing Secretary
Dr. Bharathi S.	Convener
Dr. Sangita Roy	Treasurer
Dr. Venkatesh Prasad	Member
Dr. Sharada Ajit	Member
Dr. Lakshmi Raghunathan	Member
Dr. Padmaa M. Paarakh	Member
Dr. Sam Balu	Member

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P.G. Department of Life Science The Oxford College of Science

Presents

JNANARJANA 2012

A NATIONAL CONFERENCE ON

Bioactive Compounds and Therapeutics

27th - 28th February 2012

Venue
The Oxford College of Science
19th Main, 17th/B' Cross Sector IV, HSR Layout, Bangalore - 560 102.
Telephone : 080-30266301 / 303 Email: jnanarjana2012@gmail.com

www.theoxford.edu/jnanarjana

About the Conference

The therapeutic use of bioactive compounds is as old as human civilization and has evolved along with it. Natural products as lead compounds in drug discovery are now a newly updated and expanded arena of research. These compounds are extra nutritional constituents that typically occur in small quantities in all living forms. Discovery of bioactive compounds continues to provide new leads against various pharmacological targets. Interest in obtaining biologically active compounds from natural sources has recently spiraled due to their low toxicity, complete biodegradability, availability from renewable sources and most importantly cost effectiveness. New bioactive molecules are desirable to pharmaceutical companies for their growth and economic viability. Because of the number of bioactive compounds and the diversity of likely biological effects, numerous and diverse experimental approaches must be taken to increase our understanding of their bioactivity. This conference aims at reviewing the interdisciplinary approach of bioactive compounds from various natural sources with its focus on affordable therapeutics. This platform aims to update, discuss, network and exchange stimulating ideas on the most recent achievements in the field of bioactive compounds in therapeutics.

About The Oxford College of Science

The Oxford Educational Institutions under the aegis of Children's Education Society was founded by Sri S. Narasa Raju, an eminent educationist of national stature in the year 1974, with two teachers and twenty four students. The Oxford College of Science is a part of the three institutions under the umbrella of Children's Education Society. The Oxford College of Science offers 11 Postgraduate and 13 Undergraduate programmes. Department of Microbiology, Biotechnology, Biochemistry, Applied Genetics and Chemistry comprise the PG department of life science delivering high quality education and research with highly qualified and dedicated teaching faculty. The college is accredited with "A" grade by NAAC and certified by International Accreditation Organization. Departments are equipped with world class infrastructure and various government sponsored projects worth Rupees 15 million. The Oxford College of Science has consistently secured a place among the top five Science Colleges in the city of Bangalore for five years since 2007. The Department of Biotechnology is ranked 8th in India and 1st in Karnataka among the private institutions.

About Bangalore City

Bangalore is the capital and the largest city of Karnataka state. It is also called "Garden City" for its beautiful gardens, flowers and trees which flourish in each and every street. Within the last decade, the establishment and success of high technology firms in Bangalore have led to the growth of Information Technology and Biotechnology in India. Bangalore is the scientific hub of India and it has the world renowned and the oldest Research Institutes and Universities that includes Indian Institute of Science, The Indian Institute of Astrophysics, The Raman Research Institute, JNCASR, NCBS, IIMB, Indian Statistical Institute etc. The Vidhan Soudha is the prime attraction. The Government Museum of Bangalore and the Visvesvaraya Technological and Industrial Museum are worth visiting. The Lal Bagh Botanical Garden, holds a number of flower shows. The Fort and Palace of Tipu Sultan are other important places in Bangalore. The Bannerghatta National Park and Ulsoor Lake are ideal spots to visit. Bangalore is situated in the Deccan Plateau, with an average elevation of 920 m above sea level. Due to its elevation Bangalore enjoys a pleasant and equable climate throughout the year. Climatic condition of Bangalore during winter (November to February) is the coolest period with temperature falling between 10 to 15 °C.

Themes

- Bioactive Compounds - Evolutionary Perspective.
- Bioactive Compounds - Sources and Potential Benefits.
- Bioactive Compounds in Health and Disease.
- Genomics, Proteomics, & Metabolomics of Bioactive compounds.
- Drug discovery & QSAR studies.
- Marine bioactive compounds.
- Bioactive Nano particles.
- Natural / synthetic bioactive compounds.

In addition to these key areas of research interest all other aspects of bioactive compounds and therapeutics will receive attention.

Who can Attend?

Undergraduate, postgraduate students, research scholars, faculty and industry personnel from the stream of life sciences, chemistry, pharmacy, agriculture, veterinary, food & health care.

Submission of Abstracts for Oral / Poster presentations

All persons engaged in original work / projects related to various aspects of bioactive compounds in the area of above mentioned themes are welcome to submit the ABSTRACT in the prescribed format, on or before Feb 10th 2012, through email to jnanarjana2012@gmail.com. A maximum of TWO abstracts can be submitted by a research team / group. However, students pursuing UG/PG courses are encouraged to submit the abstracts under the students' competition category.

Format for Abstract

- Abstracts not exceeding 300 words
- To be typed in font size - 12 (Times New Roman) in double space in MS-Word format.
- Soft copy should reach the organizers by 10th February 2012, through email to jnanarjana2012@gmail.com
- The authors should compulsorily state their postal address, e-mail and fax numbers.
- The Scientific committee reserves the rights for accepting / rejecting the abstract.
- Students must mention "Students' competition category" at the top of the text.

Categories for Paper / Poster Presentation

1. Oral presentation for R&D/Academia/Industry.
2. Poster presentation for Students/R&D/Academia/Industry.
3. Student's competition (UG/PG) - Oral and Poster Presentation*.
4. Quiz competition for students.

* Original work not mandatory (for students only)

Awards

- Young Achiever's award
 - Best Paper Award (oral)
 - Best Poster Award
- (Separate award for student category)

Registration Details

Students	₹ 200.00
Research scholars	₹ 300.00
Faculty/Scientist	₹ 500.00
Industry personnel	₹ 1000.00

Note: All participants are requested to produce proof of identity

- * DD Should be drawn in the favour of "Jnanarjana" payable at Bangalore
- * Duty filled registration form along with D.D. should reach Convener on or before 20th February 2012
- * Addition of ₹ 50 applicable on spot registration.

Accommodation

Limited hostel accommodation is available at a subsidized cost of ₹200/day on sharing basis. Hotel accommodation can be arranged on prior information (Approx. Cost ₹ 500 - ₹2500/day).

Programme schedule

	Day 1 : 27.02.2012	
9.00 am	-	Registration
10.00 am	-	Inauguration
10.30 am	-	Key note address
11.00 am	-	High Tea
11.15 am onwards	-	Technical Sessions
	Day 2 : 28.02.2012	
9.00 am	-	Oral Presentations
11.00 am	-	Technical Session
Post lunch	-	Poster Presentation
3.00 pm	-	Technical Quiz
4.00 pm	-	Valedictory