

REGISTRATION AND ACCOMMODATION FORM

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 Hostels: Guest House: Star Hotel:
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(Please send this form on a separate sheet and send it as a mail attachment to rabaeb2015@gmail.com)

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INTERNATIONAL CONFERENCE
 ON
**RECENT ADVANCES IN BIOSCIENCES
 AND APPLICATIONS OF ENGINEERING
 IN PRODUCTION OF
 BIOPHARMACEUTICALS**

&
**9th ANNUAL CONVENTION OF
 ASSOCIATION OF BIOTECHNOLOGY
 AND PHARMACY**

ISN Symposium on
**"Complexity of Genomics,
 Oxidative Stress, Neurochemical
 and Inflammatory Networking
 in Neurodegenerative disorders
 and Stroke"**
 (14-16 December, 2015)

Venue

K L University
 Vaddeswaram, Guntur Dt.,
 Andhra Pradesh, India

Organized Jointly by



Department of Biotechnology
 KL University, Vaddeswaram
 Andhra Pradesh, India



Association of Biotechnology
 and
 Pharmacy



Department of Biotechnology
 Acharya Nagarjuna University
 Guntur, A.P. India

SCOPE AND OBJECTIVES

Biosciences and Engineering are still in the development stage and has gained importance in the recent past for augmenting the quality and quantity of different field of sciences like molecular biology, microbiology, biotechnology, environmental sciences, ecology, pharmacology, medicinal chemistry, synthetic chemistry, natural chemistry, physical chemistry, drug design and various other fields which are directly attached with the human life. However, it can be expected that bioscience and engineering will create highly generic capabilities for the use of bio-inspired tools and processes that will be applicable in industry and the economy. There are several reasons for this, both technical and fundamental. The field of bioengineering has seen marked growth over the past several years and its applications to the agriculture, medicine fields and problem solving skills of engineering with agriculture and biological sciences to improve healthcare products, food, monitoring and therapy with engineered products. The development of Genetic engineering in rDNA technology has provided new ways of attenuating disease agents by modifying their genetic makeup, or genomes, to create safer, more efficacious derived drugs. Through the use of recombinant DNA technology, it is now possible to generate molecular medicines that promise significant improvements in safety, efficacy and cost. New engineering technology approaches need to be tailored to the peculiarities and challenges of each disease area in order to obtain optimal results with the selected disease areas. Engineered molecular medicine is enabled by and critically dependent on the availability of technologies, in particular molecular diagnostics and molecular imaging. Biologically engineered medicine research are additionally important technologies, key to the realization of personalized and targeted therapy to a point that human health and disease can be traced to the molecular level. The new field of bioengineering has strengthened by more sensitive imaging systems, significant advances in the processing and rendering of data and the emergence of targeted agents that, once administered to the patient, home in on molecules of interest and render them visible.

Engineered molecular markers can have ability to early diagnosis of human disorders, to give an individual prognosis of the stage and progression of a diagnosed disease, and to predict and monitor the effectiveness of an applied therapy. This engineered medical approach can be used for the treatments and identification of several diseases like neurological diseases, cancer, diabetes, asthma, cardiac and several other diseases. It is an important academic exchange platform, scientists and researchers can know the most up-to-date academic trends, seek valuable issues and problems.

There will a Special Satellite meeting on "Molecular Neurochemical Networking Complexes in Alzheimer's Disease". The symposium will focused mainly on the neuropsychiatry, neurodegenerative diseases, complex etiology and treatments have become a challenge. So far we understood only 15% of Brain Mystery, still needs to explored more. There is lot of overlapping in the biochemistry of psychiatry and neurodegeneration thus making Brain disorders more complex in diagnosis and treatment. In this satellite meeting, focus will be on Discoveries in Brain, Biomakers, New targets for drug discovery, and new challenges for clinicians and Basic Scientists in Brain research. A panel on International Experts will present current trends.

The meeting "Molecular Neurochemical Networking Complexes in Alzheimer's Disease" will be jointly organized with Department of Biotechnology, KL University, Vaddeswaram, Andhra Pradesh, India, and Association of Biotechnology and Pharmacy and Department of Biotechnology, Acharya Nagarjuna University, Nagarjunanagar - 522 510 Guntur, A.P. India

THEMES OF THE CONFERENCE

This Conference summit serves as a platform to gather a number of senior scientists and experts in various branches of science and technology. Young scientists and students can utilize this opportunity by establishing personal interactions with the eminent scientists in their field. The details of the expected participants will be continuously updated in the website.

Recent Advances in Bioscience and Engineering
Molecular Medicine for Human Health
Cellular, Tissue, and Metabolic Engineering
Genomics, Proteomics and Bioinformatics
Neurological Disorder
Vaccines and DNA Vaccines
Pharmacogenetics and Pharmacogenomics
Nanomaterials and Drug development
Novel Human Genes and Genetic Disorders
Molecular Sensors and Markers
Disease diagnosis and Molecular imaging
Nanobiotechnology and Drug Development
Environment and Human health
Agricultural Biotechnology and Applications
Aquaculture Diseases and their Control
Marine & Food Biotechnology
Biopharmaceuticals and their Production
Biochemical and Bioprocess Engineering
Regenerative Medicine & Tissue Engineering
Other Related Areas

THEMES FOR SPECIAL SATELLITE MEETING "MOLECULAR NEUROCHEMICAL NETWORKING COMPLEXES IN ALZHEIMER'S DISEASE"

Cellular Neuroscience	Biomarkers for Brain Disorders
Biomarker Based drug Discovery	Cellular Neuroscience
Imaging-based studies in Brain	Brain Injury and Stroke
Networking Complexes & Disorders	Neurodegenerative Diseases
Therapeutics for Brain disorders	Other related areas
Alzheimer's Disease & Cell Microbiome	

SUBMISSION OF ABSTRACTS

Abstracts (300-350 words) related to above areas are invited through email only (to rabaeb2015@gmail.com) in MS word format. Abstracts submitted for competitive session should specify under which category it is being submitted and with below 30 years category, need to submit the date of birth certificate. Acceptance of the submissions for presentation will be communicated to the authors within two weeks after the submission. An official letter of invitation will be sent to foreign delegates for obtaining visa to attend the conference.

ABOUT THE ORGANIZERS

K L University is a pioneer in the field of Engineering education and research in the private sector in the state of Andhra Pradesh. Established as Koneru Lakshmaiah College of Engineering in the year 1980, was made autonomous in the year 2006 and in 2009 it was accorded Deemed to be University status. In the year 2002-03 Department of Biotechnology is started with academic program B.Tech Biotechnology. M.Tech Biotechnology and PhD programs are going with research focus. At present Dept.having Research grants of 750Lakhs funded by various government agencies. Recently Department also funded by DST-FIST.

Acharya Nagarjuna University is a state University and was established in the year 1976. The Department of Biotechnology has been inaugurated with an academic program, M.Sc. Biotechnology in December, 1994 and latter M.Tech Biotechnology and M.Sc. Nanobiotechnology programs in 2002 and 2010. The department has been receiving UGC, DBT, DBT-BIFTS and DST-FIST funds. The department now well established as one of the well equipped and self sufficient department with good infrastructure facilities. The centre has started research admission for Ph.D. and M.Phil. in Biotechnology from the year 2002.

The Association of Biotechnology and Pharmacy (ABAP) was established for promoting the science of Biotechnology and Pharmacy. The objective of the Association is to advance and disseminate the knowledge and information in the areas of Biotechnology and Pharmacy by organizing annual scientific meetings, seminars and symposia. Journal was Indexed in Chemical Abstracts, EMBASE, ProQuest, Academic Search™, DOAJ, CAB Abstracts, Index Copernicus, Ulrich's Periodicals Directory, Open J-Gate Pharmoinfonet.in and Indian Science Abstracts.

AWARDS PRESENTATION

Winners will be announced on the final day of the conference and awards will be presented at the valedictory function. The candidate's presence is required to receive the award. If the presenting author is not the Principal Investigator, mentor (research supervisor) will be requested to accompany him/her to receive the award.

GOLD MEDALS AND SCIENTIST AWARDS

- 1) ABAP - Young Scientist Awards - 3 Nos - 1 Gold Medal + 2 Awards (Below 30 years category)
- 2) ABAP - Young Scientist Awards - 3 Nos - 1 Gold Medal + 2 Awards (Above 30 years category)
- 3) ABAP - Junior Scientist Awards - 6 Nos (For UG, PG students and Scholars - Poster presentation)

REGISTRATION FEE

For Non-Members of ABAP	- Rs. 1200/-
For ABAP Members	- Rs. 1000/-
For Accompanying persons (Without conference material)	- Rs. 750/-
For Students and Scholars	- Rs. 1000/-

IMPORTANT DATES TO REMEMBER

Abstract submission last date	: September 17, 2015
Acceptance of abstract	: September 25, 2015
Registration last date	: September 25, 2015

For Industry delegates	- Rs. 2000/-
For Foreign delegates	- US \$ 75

(Registration fees can be Sent through Bank DD in favor of the Treasurer,)

HOW TO REACH KL UNIVERSITY

KL University is located in between Vijayawada and Guntur cities of Andhra Pradesh (11 kms away from Vijayawada) and (32 kms away from Guntur). Vijayawada is the new capital city of Andhra Pradesh situated on the banks of river Krishna and well connected by air, train and bus. The nearest airport is Vijayawada (28 kms) and Hyderabad (290 kms). The nearest rail and bus station is Vijayawada (10 kms) and Guntur (32 kms).

Proceedings of the Conference

Accepted full abstract and papers will be published in proceedings of the conference. Full papers to consider for the publication in the proceedings are to be submitted by September 17, 2015.

Young Scientist Awards Competition

Researchers below 30 years of age (proof of age required) and above 35 years are eligible to participate in the oral presentation competition. Candidates will be given 10 minutes for their presentation including questions from participants

Poster Presentations

There is no age limit for the poster presentation. The poster may have multiple authors but only presenting author will be allowed at the poster for the competition.