SUBMISSION OF FULL PAPERS

Selected abstracts submitted in advance will be requested for full articles towards publishing the proceedings. The proceedings also will be brought with reviews / original articles from distinguished scientists.

IMPORTANT DATES

Abstracts submission: 20\textsuperscript{th} March, 2013
Intimation of acceptance: 20\textsuperscript{th} March, 2013
Seminar dates: 25\textsuperscript{th}-26\textsuperscript{th} March, 2013

REGISTRATION

Only spot registration.
Registration Fee: Rs. 250/-

ACCOMODATION

Accommodation will be arranged on request outside the University campus. Due to limited accommodation at University premises, necessary arrangements will be made for advance enquiries.

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<th>Tariff (Rs)</th>
<th>A/C</th>
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<tr>
<td>Single room</td>
<td>1500/-</td>
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<td>Double room</td>
<td>2500/-</td>
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UGC- SAP (DRS-I) Sponsored
NATIONAL SEMINAR ON
PRESENT SCENARIO ON POTENTIAL OF BIOACTIVE COMPOUNDS

25\textsuperscript{th}-26\textsuperscript{th} March, 2013

Venue
Seminar Hall
Department of Biochemistry
Andhra University

Organized by
Department of Biochemistry
Andhra University
Visakhapatnam

Corresponding Address
Prof. T. Raghava Rao
Organizing secretary
SAPNS2013
Department of Biochemistry
Andhra University
Visakhapatnam
Mobile: 9441662765
Email: sapns2013@gmail.com
We have a great pleasure in inviting you for the National Seminar on “Present Scenario on Potential of Bioactive compounds” sponsored by UGC-SAP (DRS- I)

DEPARTMENT PROFILE

The Department of Biochemistry, Andhra University was established in the year 1971. It fosters research and developmental activities in major thrust areas like Molecular microbiology, Immunomodulators, Protease inhibitors, Bioactive compounds, Antimicrobial compounds and Plant tissue culture. The Department offers a two year M.Sc course, M.Phil and Ph.D programmes in Biochemistry. Several research projects have been undertaken by the teaching faculty and a number of research papers have been published by teachers and research scholars of the department in National and International scientific journals.

The Department has organized several symposia/conferences/seminars over the years. The Department of Biochemistry is responsible for the growth of two other emerging disciplines-M.Sc., Biotechnology and M.Sc. Microbiology in the University. Based on the performance of the department over the years, it has been recognized with financial assistance by DST-FIST and UGC- SAP programmes

THEME

Bioactive molecules constitute naturally produced compounds that are active in disease amelioration or cure. Their activity is mainly imputed to their chemical formula. A positively significant association exists between consumption of foods rich in bioactive compounds and reduced risk of diseases such as cancer, cardiovascular diseases, Alzheimer’s disease, diabetes etc.

Consumers are also increasingly becoming conscious of bioactive compounds in their diet. Bioactive compounds such as alkaloids, phenolics, carotenoids and various nitrogenous compounds present in natural sources are reported to account for various bioactivities like antioxidant, antibacterial, antiviral, antifungal, anti-proliferative etc. These compounds are therefore diverse in their chemical make-up, distribution, availability, properties and vary in the extent of stability. Food, nutritional and pharmaceutical research has been focused on isolating and characterizing bioactive compounds from natural sources which can be used for formulation of new drugs, functional food ingredients or nutraceuticals. However, evaluation of properties inherent in bioactive compounds will depend upon proper extraction, characterization, identification and analytical techniques used. The scope of research on bioactive compounds in establishing their health promoting activities is a promising arena. This seminar on ‘PRESENT SCENARIO ON POTENTIAL OF BIOACTIVE COMPOUNDS’ organized by the Department of Biochemistry, Andhra University intends to widen the understanding of the bioactive compounds, their distribution, types, bioactivities and health benefits. The ultimate aim is to enhance the therapeutic properties of these benedictions to reduce the risk of diseases and improve the quality of life.

SEMINAR VENUE

Andhra University (1921), a prominent seat of higher education in Andhra Pradesh is located in the city of Visakhapatnam which is a tranquil city and a major tourist attraction in Andhra Pradesh. It is situated on the East coast of India with an excellent stretch of beaches, lush green hills, pleasant coastal drive way, hilltop parks, multi cuisine restaurants on the beach front, Buddhist monuments on the coastal headlands and many more scenic locales. The weather in March is comfortable in the city with warm days (32°C) and pleasant nights (19°C). The city is well connected by air, road and rail to other parts of the country.

WHO CAN ATTEND

Academicians, Scientists, Research Scholars, and PG Students from university, Research Institutes, Colleges and related Industry can participate.

CALL FOR ABSTRACTS

Original contributions of on-going completed unpublished research works are invited. The abstract should not exceed 200 words with the name of the presenting author indicated by underlining the name and should be mailed. E-mailed abstracts in word format are acceptable. The abstract should give details of results and some scope for discussion to understand the work. Selected abstracts will be considered for oral presentations. Further correspondence will be through e-mail only to sapns2013@gmail.com.

POSTERS

Posters shall be prepared not exceeding 1x1m in size. Best posters presented will be selected for suitable awards.