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Avinashilingam Institute for Home Science and Higher
Education for Women, Coimbatore.

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Avinashilingam Institute for Home Science and Higher
Education for Women, Coimbatore.

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Avinashilingam Institute for Home Science and Higher
Education for Women, Coimbatore.

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Dean, Faculty of Science

Avinashilingam Institute for Home Science and Higher
Education for Women, Coimbatore.

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Professor and Head

Department of Biochemistry, Biotechnology &
Bioinformatics

ORGANISING SECRETARIES

Dr.(Mrs.) N. Santhi

&

Dr.(Mrs.) R. Nirmaladevi

Assistant Professors

Department of Biochemistry, Biotechnology &
Bioinformatics

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Dr. A. Shobana

Dr. D. Kavitha

Dr. M.Rajeswari

For further details

Dr.N. Santhi & Dr. R. Nirmaladevi

Department of Biochemistry,
Biotechnology and Bioinformatics
Avinashilingam Institute for Home
Science and Higher Education for Women,
Coimbatore- 641 043

Mobile: 09442737700, 9976152000

Email: capseminar2017@gmail.com

santhigowri@yahoo.com

Diamond Jubilee Celebrations



One-day National Seminar on Current Approaches in Proteomics

December 20, 2017

Organized by

**Department of Biochemistry,
Biotechnology & Bioinformatics**
Avinashilingam Institute for Home Science and
Higher Education for Women
Coimbatore – 641 043
Tamil Nadu, India

Sponsored by



About the Institution

The Avinashilingam Institute for Home Science and Higher Education for women was established by the great patriot and educationist Dr.T.S. Avinashilingam under the auspices of the Avinashilingam Education Trust in 1957. The Institute follows the educational ideals of Sri Ramakrishna, Holi Mother Sri Sarathamani Devi, Swami Vivekananda and Mahatma Gandhi and upholds a life of purity, discipline and service. The Institute offers undergraduate, postgraduate and research programmes in seven disciplines, namely, Home Science, Science, Humanities, Education, Business Administration, Engineering & Community Education also inculcating Indian culture, moral and spiritual values, a way to uplift and empower women with quality education.

About the Department

The Department was established in 1969, with the introduction of M.Sc. Biochemistry. It is presently offering undergraduate, postgraduate and research programmes (M.Phil. and Ph.D.) in Biochemistry and Biotechnology majors and post-graduate and M.Phil in Bioinformatics. Additionally, the Department is also offering an add-on Certificate course in Computational Biology for the undergraduates. A team of highly qualified, well trained and dedicated professionals are available to provide quality training and excellent research. The laboratories are equipped with the state-of-the-art equipment for training and research.

About the Seminar

As we are in omics era, proteomics is one such field in omics tools which is the study of proteins on a genome-wide scale. It is the next logical step after genomics in understanding life processes at the molecular level. Proteomics will be fundamental to understand when and where the encoded proteins are expressed, and to generate an interconnected pathway, network and molecular systems that, taken together, control the workings of all cells, tissues, organs and organisms. Successful unraveling of the human proteome will improve our understanding at the cellular level and lay the foundations for improved diagnostic, prognostic, therapeutic and preventive medical outcomes. The seminar on Current approaches in proteomics is the unique opportunity for the researchers and scientists to present and exchange their innovative ideas. The main focus is on recent advances in isolation, purification, structure determination techniques, computational aspects of protein structure and function, protein folding and misfolding, assembly, evolution, high-throughput data analysis and related fields in understanding the way the proteins shape biology.

Call for papers

We cordially invite research papers / review papers from academicians, scholars and students for oral and poster presentations. The topics include:

- ✿Protein separation and identification
- ✿Protein structure and function
- ✿Metabolic pathways and interactions
- ✿Applications including Drug discovery, diagnosis
- ✿Informatics (modeling, databases, analysis software)
- ✿Clinical proteomics and
- ✿Related fields

Awards

The seminar will have the following awards

- ✿Best oral presentation award
- ✿Best poster presentation award

The selected papers after peer-review shall be recommended for publications in the proceedings.

All papers should be submitted to the mail id capseminar2017@gmail.com

Important Dates

- Registration & Submission opens : October 19, 2017
- Submission closes : November 20, 2017
- Notification of Acceptance : December 12, 2017
- Registration closes : December 10, 2017
- Publication of Proceedings : January 20, 2018

Registration Fee

Participants will have to pay a registration fee in the form of Demand Draft drawn in favour of **The Registrar, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore – 641 043.** or online transfer.

- Students/ Scholars : Rs. 300**
- Staff : Rs. 500**

***Discount for Group Registrations**

REGISTRATION FORM

Name: _____

Gender: _____ Age: _____

Educational Qualifications: _____

Designation: _____

Department/Division: _____

Area of Teaching/Research: _____

Official Address: _____

Phone: _____ Fax: _____

Email: _____

Cell No : _____

REGISTRATION FEES

DD number: _____ Amount: _____

Bank: _____

Money transfer details

Signature