

2.30 pm: Technical Session VI

Topic: Application of high-through put sequencing to the study of a circadian RNA – binding protein.

Dr. Joerg Morf and Dr. Ueli Schibler

Department of Molecular Biology, University of Geneva, Switzerland

3.00pm: Tea Break

3.15 pm: Technical Session VII

Topic: Rhythmic gene expression

Kim Schneider and Dr. Ueli Schibler

Department of Molecular Biology, University of Geneva, Switzerland

Paper presentations: Chair: Ratheeshkumar. T,

Assistant – Doctorant, Department of Cell Biology

University of Geneva, Switzerland

Saturday, 17th December, 2011

Technical Session VIII

10.00 am - : Topic: Introduction to Bioinformatics and to Biological Databases

Mr. Swaroop S. Kumar

UniBiosys Biotech Research Labs, Cochin

11.00 am: Tea break

Technical Session IX

11.15 am: Topic: Sequence Analysis, Multiple Sequence Alignment

UniBiosys Biotech Research Labs, Cochin

1.00 pm: Lunch Break

Technical Session X

1.30pm: Topic: Phylogenetic analysis - Methods and Tools

UniBiosys Biotech Research Labs, Cochin

2.30 pm: Valedictory function and Certificate Distribution

Vote of Thanks.

About Nirmala College

Nirmala College founded in 1953, is affiliated to the Mahatma Gandhi University, Kottayam, Kerala. The College is managed by the Diocese of Kothamangalam and is re-accredited at B++ by NAAC. The college is located in a sprawling campus at Muvattupuzha, the eastern part of Ernakulam district, 35kms from Cochin International Airport. Muvattupuzha is the gateway to the High Ranges and Munnar, a tourist and biodiversity hotspot.

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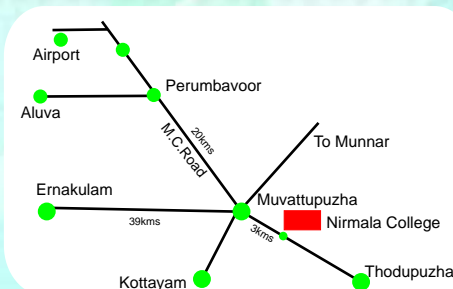
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International SEMINAR ON CELL & MOLECULAR BIOLOGY

December 16th & 17th 2011

Organised by

**Department of Botany
Nirmala College, Muvattupuzha**

(Accredited by NAAC with B++)

Affiliated to Mahatma Gandhi University, Kottayam

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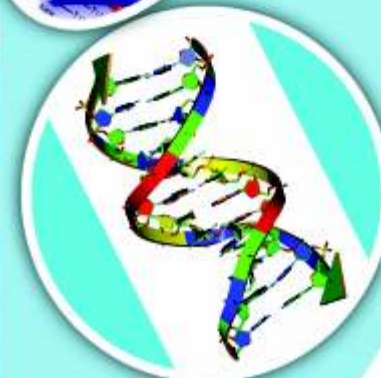
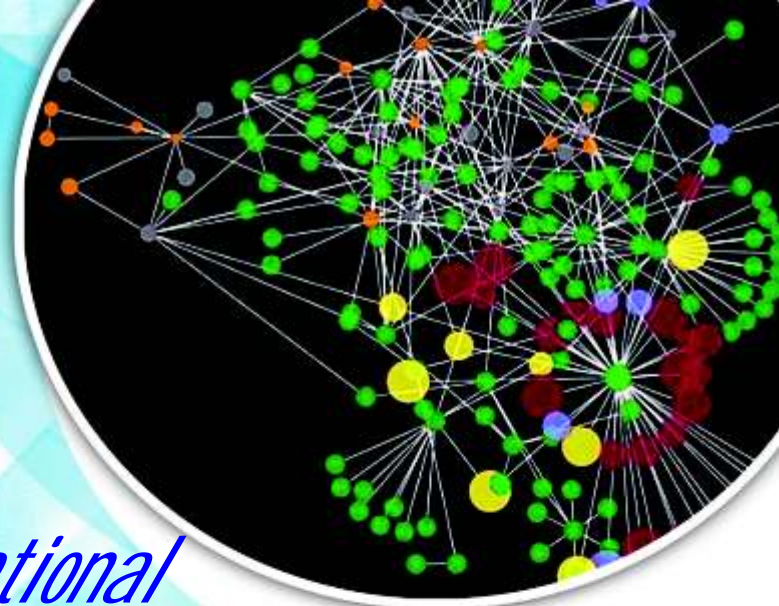
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In collaboration with

**Dept. of Botany, University of Pune
&
UniBiosys Biotech Research Labs,
Cochin**



Cell biology, a mother branch of Molecular Biology, Molecular Genetics, Biotechnology, Recombinant DNA technology etc. answers many questions of the current world. During the last few decades, the science of cell biology and its applications in the field of molecular biology has grown at an unprecedented pace with the consequence that voluminous information has accumulated on the subject. The modern biotechnology has developed human diagnostics and therapeutic drugs and their use has opened new avenues of gene therapy. The plant biotechnology is used to produce new GM crops for the use of farmers. The present world is running from 'green revolution' to 'gene revolution'. So it is of great importance in the present scenario to conduct an International Seminar on the same. The goal of the International Seminar is to promote cell and molecular biology research. The seminar includes plenary lectures, invited talks and research papers.

The Department of Botany Nirmala College, Muvattupuzha proposes a two day International Seminar on 16th and 17th December 2011 in the College Auditorium.

We cordially invite all the faculty members, research scholars and students who are interested to participate in the seminar.

Prof. N.Joy
Principal,
Nirmala College, Muvattupuzha

Ms. Ansy P.S. (H.O.D)
Convenor

Ms. Philomina T.V.
Dr. Sr. Tessy Joseph
Co-ordinators

Organizing Committee
Rt.Rev. Msgr.Thomas Malekudy (Manager)
Prof. N.Joy (Principal)
Rev. Fr. Vincent Nedungattu (Vice Principal)
Rev. Fr. John Mundackal (Bursar)
Dr. S.S. Deokule
(H.O.D., Dept.of Botany, University of Pune)
Mr. Ratheeshkumar. T
(University of Geneva, Switzerland)
Mr. Bineesh Scaria
(Unibiosys Biotech Research Labs, Cochin)
Ms. Ansy P.S. (H.O.D)
Ms. Leena John

Call for Papers

The paper for oral/poster presentations are invited on the following themes.

- Biotechnology and Plant Molecular Biology
- Cytogenetics
- Phytochemistry

Friday, 16th December, 2011

8.30 am : Registration

9.30 am : Inauguration

Key-note Address : Dr. S.S. Deokule (H.O.D, Dept.of Botany, University of Pune)

11.00 am : Technical Session I

Topic: *AluRNP modulates protein synthesis in eukaryotes by affecting 48S initiation complex formation*

Dr.Elena Ivanova¹, Dr. Elena Alkalaeva², Anne scherrer¹ and Dr. Katharina Strub¹,

1. Department of Cell Biology, University of Geneva, Switzerland

2. Engelhardt Institute of Molecular Biology, Moscow, Russia

11.30 am: Technical Session II

Topic: *Starch granule initiation in Arabidopsis*

Dr. Szydowski N, Ragel P, Raynaud S, Lucas MM, Roldán I, Montero M, Muñoz FJ, Ovecka M, Bahaji A, Planchot V, Pozueta-Romero J, D'Hulst C, Mérida A.

Department of Botany and Plant Biology, University of Geneva, 1211 Geneva, Switzerland

12.00 Noon : Technical Session III

Topic: *Dual-targeting of the stress protein FASTK to cytosol and mitochondria*

Alexis Jourdain, Dr. Mirko Koppen, Dr. Korng Ea, Isabelle Mean, Dr. Jean-Claude martinou

Department of Cell Biology, University of Geneva, Switzerland

12.30 pm : Technical Session IV

Topic: *PDX1.1 and PDX1.3 genes, involved in the biosynthesis of vitamin B6 have similar but not redundant function.*

Svetlana Boycheva and Dr.TeresaB.Fitzpatrick

Department of Botany and Plant Biology, University of Geneva, 1211 Geneva, Switzerland

1.00 pm : Lunch Break

2.00 pm : Technical Session V

Topic: *"Nematode and the application in the study of anoxia".*

SebastienGentina, Dr. Vincent Menuz, Dr. Audrey Bellier and Dr. Jean-Claude Martinou

Department of Molecular Biology, University of Geneva, Switzerland

Important Dates

Registration and abstract submission : 30.11.2011
Submission of full paper : 08.12.2011

Registration

(without accommodation)

Faculty/Research scholars : Rs. 500/-
Students : Rs. 150/-

Accommodation can be arranged if required on request