



KONGU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

NANJANAPURAM, ERODE - 638 107

DBT Star College Scheme
National Symposium on
**"MITOCHONDRIA IN
HEALTH AND DISEASE"**

21 February 2020

REGISTRATION FORM

Name of the Faculty / Student :

Department :

Institutional address :

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Mobile :

E-mail :

Accommodation required : Yes / No

Signature of the Participant

Signature of the Head of the Dept. / Institution

(Please take photo copies if more forms are required)

ORGANISING COMMITTEE

CHIEF PATRON

Thiru. K. Palanisamy
Correspondent, KASC

PATRON

Dr. N. Raman
Principal, KASC

CONVENORS

Dr. K. Thangaraj
Chief Scientist, CCMB, Hyderabad

Dr. A. K. Vidya
Head, Department of Biochemistry, KASC

ORGANISING SECRETARIES

Dr. C. Deepa
Head, Department of Biotechnology, KASC

Dr. N. Sangeetha
Associate Professor, Department of Biochemistry, KASC

COMMITTEE MEMBERS

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Mr. S. Natarajan, Assistant Professor, Department of Biochemistry, KASC

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For further details, contact

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DBT Star College Scheme

National Symposium on

**"MITOCHONDRIA IN
HEALTH AND DISEASE"**

21 February 2020



Since 1994



Jointly Organised by

**Society for Mitochondrial
Research and Medicine
(SMRM) - India**

&

**Departments of
Biochemistry and Biotechnology**

KONGU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

Affiliated to Bharathiar University, Coimbatore

Approved by UGC, AICTE, New Delhi and Re-accredited by NAAC

(An ISO 9001 : 2015 Certified Institution)

Nanjanapuram, Erode - 638 107

Tamil Nadu, India

Ph : 0424 - 2242999, 2242888



It is a great pleasure and honour for us to invite you to the National Symposium on "Mitochondria in Health and Disease" jointly organized by the Departments of Biochemistry and Biotechnology, Kongu Arts and Science College and the Society for Mitochondrial Research and Medicine (SMRM) on 21 February 2020 at Kongu Arts and Science College (Autonomous), Erode.

ABOUT THE HOST INSTITUTION

Kongu Arts and Science College (Autonomous), established by the Kongu Vellalar Institute of Technology Trust in the year 1994, is a premier Co-educational Institution located in a serene atmosphere at Nanjanapuram village, Veppampalayam, Erode, Tamilnadu, India. Since its inception in 1994, the institution has been committed towards imparting quality education to the young aspirants, there by fulfilling their divergent needs in the dynamic educational scenario. It is an ISO 9001:2015 certified Institution affiliated to Bharathiar University, Coimbatore and is also re-accredited by NAAC. The College offers Twenty Under Graduate Courses, Eight Post Graduate Courses, Research Programmes, Add - on Course and 52 Value - added Courses in various disciplines.

This institution has elevated itself to a Center of Excellence in higher education within a short span of time. It attracts large number of students including the rural students all over the state of Tamilnadu. The commitment of the Management and the dedication of the Staff have been yielding fruitful results in grooming the young talents for holistic development. Our College is Ranked in 151-200 Rank Band in MHRD-NIRF India Ranking 2019. Our institution considers eco-friendliness and Swatchta as its prime aim. As a result, we were able to secure First Rank in Swatchta Ranking at the National level in the College Category in 2017. The Science Departments have proved its merit by securing STAR COLLEGE SCHEME funded by Department of Biotechnology, Ministry of Science and Technology, Government of India in the year 2019.

Departments of Biochemistry and Biotechnology under the prestigious DBT Star College have been organising various student centric programmes including DBT-STAR Lecture Series, Hands-on-Trainings, Workshops, Industrial and Institutional Visits, Research Projects and Competitions as well as Faculty trainings for the overall development of students.

ABOUT STAR COLLEGE SCHEME

Star College Scheme is an innovative Programme initiated by Department of Biotechnology (DBT), Govt. of India, New Delhi to build research capacity by giving students in Undergraduate level, an opportunity to gain vital research-related skills and unique exposure to experimental science. Under this Scheme, Students get an opportunity to attend various programmes such as seminars, lectures and workshops. Scientists and Inspiring personalities who have made significant impact on the society are invited to deliver talks and conduct panel discussions. This helps students take charge of their learning. The experience they gain through DBT Star College Scheme makes the students more likely to translate their skills into scientific careers.

ABOUT SMRM

The Society for Mitochondrial Research and Medicine, India (SMRM) is a non-profit organization of Scientists, Clinicians and Academicians. SMRM was formally inaugurated during the historical Indo-US meeting on "Mitochondrial Research and Medicine" which was held for the first time in India at CCMB from 22 - 24 January 2007. The purpose of SMRM is to foster research on basic science of mitochondria, mitochondrial pathogenesis, prevention, diagnosis and treatment throughout India and abroad. SMRM acts as a forum to bring together the patients with mitochondrial disorders who need the care, the clinicians who diagnose and treat mitochondrial disorders and the basic scientists who work in the field of Mitochondrial Research and Medicine.

ABOUT THE SYMPOSIUM

Mitochondrial disorders have emerged as a major cause of inherited human disease. The past decade has seen major advances in our understanding of their genetic basis and the underlying pathology, but these findings have yet to be translated into new therapies. There is a growing appreciation that new treatments will only emerge through a concerted collaboration between clinicians, laboratory scientists and the life sciences industry, based on a firm understanding of the disease mechanisms and how these cause the symptoms to patients. In this context, The Departments of Biochemistry and Biotechnology, KASC and SMRM jointly organize the National Symposium on "Mitochondria in Health and Disease" on 21 February 2020 at Kongu Arts and Science College (Autonomous), Erode. This Symposium will address cutting-edge advances, emerging concepts in mitochondrial medicine, current status and future prospects in Mitochondria. It is expected that this Symposium will facilitate new interactions among the leaders in the field of translational mitochondrial medicine, academicians and students so as to inspire the next generation of mitochondrial researchers to explore new avenues in the field of mitochondrial medicine.

REGISTRATION FEE

Students (UG & PG)	Rs. 125
Research Scholars	Rs. 150
Faculty Members	Rs. 200

Participants are expected to send the duly filled-in registration form through E-mail to

biochemkasc@gmail.com, biotechkongu@gmail.com

Last date for registration : 15 February 2020

* Spot registration is also accepted with prior intimation.

Date : 21.02.2020

9.00 a.m. : Registration
10.00 a.m - 10.30 a.m : Inauguration

Technical Session - I

10.30 a.m - 11.30 a.m : **Dr. K. Thangaraj**
Chief Scientist
CSIR - Centre for Cellular and
Molecular Biology (CCMB)
Hyderabad, Telangana

**Topic : Mitochondria: Introduction,
Properties and Applications**

11.30 a.m - 11.45 a.m : Tea / Coffee break

Technical Session - II

11.45 a.m - 1.00 p.m : **Dr. P. Govindaraj**
Research Scientist
Institute of Bioinformatics
Bangalore, Karnataka

**Topic : Clinical, Biochemical and
Histopathological Spectrum
of Mitochondrial Disorders**

1.00 p.m - 2.00 p.m : Lunch break

Technical Session - III

2.00 p.m - 3.15 p.m : **Dr. K. Thangaraj**
Chief Scientist
CSIR - Centre for Cellular and
Molecular Biology (CCMB)
Hyderabad, Telangana

**Topic : Mitochondrial Disorders:
Genetic and Functional
Perspective**

3.15 p.m - 3.30 p.m : Tea / Coffee break

Technical Session - IV

3.30 p.m - 5.00 p.m : **Dr. Swasti Raychaudhuri**
DBT-Ramalingaswami Fellow
CSIR - Centre for Cellular and
Molecular Biology (CCMB)
Hyderabad, Telangana

**Topic : Stress Management in
Mitochondria: Proteomics
Unfold New Mistry**

5.00 p.m - 5.30 p.m : Valedictory Function