

Science Academies' Lecture Workshop
on
“BIOTECHNOLOGICAL DEVELOPMENTS FROM
BASIC SCIENCES - A PERSPECTIVE”

27th & 28th January 2021



SEETHALAKSHMI RAMASWAMI COLLEGE
(Autonomous)
Affiliated to Bharathidasan University
Tiruchirappalli
Accredited with A+ (4th Cycle) by NAAC



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REGISTRATION LINK - <https://forms.gle/44nRjhKaS11qSVbm9>

PROGRAMME

Day - 1	: 27.01.2021
Inauguration	: 09.30 a.m. to 10.20 a.m.
Venue	: Medha Saraswathi Hall
Welcome Address	: Dr. A.S. Maheswari Assistant Professor & Head, Zoology Seethalakshmi Ramaswami College (Autonomous) Tiruchirappalli - 2
Inaugural Address :	Dr.R.Padmavathy, M.Sc., M.Phil., PGDCA., Ph.D., FASI. Principal Associate Professor & Head Research Department of Physics Seethalakshmi Ramaswami College Tiruchirappalli - 2
About the Programme	: Dr. K. Muralidhar, FNA, FASc, FNASc. Visiting Professor, School of Life Sciences University of Hyderabad Gachibowli, Hyderabad 500 046, India
Session I 10.30 a.m. – 11.45 a.m. Chemistry driven Biotechnology	
Dr. K. Muralidhar, FNA, FASc, FNASc. Visiting Professor, School of Life Sciences University of Hyderabad Gachibowli, Hyderabad 500 046, India.	
Session II 12.00. noon – 01.15 p.m. Sox30 and Sox9a/b regulate carp Testicular Steriodogenesis	
Dr. B. Senthilkumaran, FNA, FASc, FNASc, Professor, DBT-TATA Fellow Awardee Department of Animal Biology School of Life Sciences University of Hyderabad Gachibowli, Hyderabad 500 046, India.	

Session III 02.00 p.m. – 03.15 p.m.

The Discovery of RNAi and its Applications

Dr.K. Subramaniam, FASc.

Professor, Department of Biotechnology
Indian Institute of Technology
Madras.

Session IV 03.30 p.m. – 04.45 p.m.

Role of Urinary Pheromone Metabolites In the Reproductive Performance of Domestic Farm Animals

Dr. G. Archunan

UGC - BSR Faculty Fellow,
Department of Animal Science,
Bharathidasan University,
Tiruchirappalli.

Day 2 - 28.01.2021

Session V 09.30 a.m. to 10.45 a.m.

Stem Cell Biology driven Biotechnology

Dr. K. Muralidhar, FNA, FASc, FNASc

Visiting Professor,
School of Life Sciences,
University of Hyderabad,
Gachibowli, Hyderabad 500 046, India.

Session VI 11.00 a.m. – 12.15 p.m.

Elucidating role of Thoc and Pentraxin in carp ovary through Expression Profiling and Gene Silencing

Dr. B. Senthilkumaran, FNA, FASc, FNASc

Professor, DBT-TATA Fellow Awardee
Department of Animal Biology
School of Life Sciences, University of Hyderabad
Gachibowli, Hyderabad 500 046, India.

Session VII 01.00 p.m. – 02.15 p.m.

The Discovery of the gene-editing tool CRISPR/Cas9 and its Applications.

Dr.K. Subramaniam, FASc.

Professor, Department of Biotechnology
Indian Institute of Technology
Madras.

Session VIII 02.30. p.m. – 03.45 p.m.

Ethnopharmacological Approaches of Marine Bioresources

Dr.T.Ramanathan, M.Sc., M.Phil., Ph.D.,

Associate Professor, CAS in Marine Biology,
Faculty of Marine Sciences,
Annamalai University, Parangipettai - 608 002.
Tamilnadu, India.

Valediction 04.00 p.m. – 04.30 p.m.

Welcome Address

: Dr. A.S. Maheswari

Assistant Professor & Head, Department of Zoology
Seethalakshmi Ramaswami College (Autonomous)
Tiruchirappalli – 2.

Felicitation :

**Dr. M.Vasuki, M.Sc., M.Phil., Ph.D.,
Vice Principal**

Associate Professor & Head
Research Department of Chemistry
Seethalakshmi Ramaswami College
Tiruchirappalli – 2.

Valedictory Address

:Dr. K. Muralidhar, FNA, FASc, FNASc.

Visiting Professor, School of Life Sciences
University of Hyderabad
Gachibowli, Hyderabad 500 046, India

Feedback by participants

Vote of thanks

: Dr. J.Viji

Assistant Professor, Department of Zoology
Seethalakshmi Ramaswami College (Autonomous)
Tiruchirappalli – 2.