



ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
MANGALAGIRI ANDHRA PRADESH  
DEPARTMENT OF BIOCHEMISTRY



# ANDHRA PRADESH 4<sup>th</sup> STATE LEVEL

PRE-CONFERENCE WORKSHOP & CONFERENCE 2024

UNDER THE AEGIS OF

ASSOCIATION OF MEDICAL BIOCHEMISTS OF INDIA – AMBI

## MOLECULAR INSIGHTS INTO IMMUNE REGULATION



PRE-CONFERENCE WORKSHOP : 11<sup>th</sup> JULY 2024  
CONFERENCE : 12<sup>th</sup> JULY AND 13<sup>th</sup> JULY 2024



VENUE : AUDITORIUM  
ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
MANGALAGIRI ANDHRA PRADESH



**Dr. Madhabananda Kar**  
(Director & CEO)  
AIIMS Mangalagiri

**Dr. T S Ravi Kumar**  
(President)  
AIIMS Mangalagiri

**Dr. Shreemanta Kumar Dash**  
Dean(Academic)  
Professor & HoD, FMT  
AIIMS Mangalagiri

THEME

PATRONS



Dear Delegates

Warm greetings from the Department of Biochemistry, AIIMS Mangalagiri. We are delighted to welcome you to the Andhra Pradesh 4th State Level Conference 2024, organized under the auspices of AMBI, from July 11th to 13th, 2024.

AIIMS Mangalagiri stands as a pivotal addition to India's healthcare landscape, fulfilling the government's vision of delivering top-tier healthcare and medical education to underserved regions. Our journey from a temporary campus to a permanent one underscores our dedication to building a robust medical institution. Since admitting our first MBBS batch in 2018 and launching Post Graduate courses in various disciplines in 2022, we have been committed to producing highly trained healthcare professionals. This strategic approach to capacity building is essential for addressing regional healthcare disparities and advancing national healthcare objectives.

The Department of Biochemistry is proud to host the Andhra Pradesh 4th State Level Conference 2024, on the theme, "**MOLECULAR INSIGHTS INTO IMMUNE REGULATION**," which focus on the intersection of biochemistry and immunology, promoting discussions on the molecular mechanisms that govern immune responses. The conference will provide a platform to explore the role of biochemical processes in immune system regulation, offering insights into potential therapeutic targets and advancements in the field. We invite researchers and professionals to share their findings and enhance our collective understanding of the biochemical pathways underlying immune function.

Two pre-conference workshops are planned on July 11<sup>th</sup> that will offer hands-on experience with the Basic Principles and Applications of Flow Cytometry and the Analysis of Single Nucleotide Polymorphisms using RT-PCR.

We warmly invite you to join us for this academic event, set against the serene backdrop of AIIMS Mangalagiri, and engage in enriching scholarly discussions.

Date / Timings	EVENT
11/07/2024	<b>PRE-CONFERENCE WORKSHOP</b>
8:30 am – 5:00 pm	<b>Workshop 1:</b> Flowcytometry-Basic Principles & Its Applications
	<b>Workshop 2:</b> Analysis of Single Nucleotide Polymorphisms By RT – PCR
12/07/2024 – 13/07/2024	<b>CONFERENCE</b>
8:30 am – 5:00 pm	MOLECULAR INSIGHTS INTO IMMUNE REGULATION

TIME	SESSION	TOPICS	PROPOSED SPEAKERS
08:30am to 09:00am	Registration & Breakfast		
09:00am to 09:45am	Scientific Session 1	Foundations of Immunology: Unraveling the Essentials of the Immune System & Its Functionality	<b>Dr.Desai Vidya Sripad</b> Professor & HOD, AIIMS Mangalagiri.
09:45am to 10:10am	Opening Remarks		<b>Dr.V.Govindraju</b> Head Office AMBI
10:10am to 10:30am	Inauguration		
10:30am to 10:45am	Key note Speaker Address		<b>Dr.Kamatham Shanthi Naidu</b> Clinical Director Biochemistry Care Hospitals, Hyderabad.
10:45am to 11:00am	Tea Break		
11:00am to 11:45am	Scientific Session 2	Immune Dysregulation Immune Dysfunction & Autoimmunity Our Approach with Flowcytometry	<b>Dr.Goutam Kumar Saharia</b> Additional Professor, AIIMS Bhubaneswar.
11:45am to 01:00pm	Panel Discussion	Topic 1: Immunology Unmasked: Navigating the Spectrum of Immune Disorders  1.Decoding Autoimmune Mysteries: Understanding Triggers, Pathways & Therapeutic Advances 2.The Immune System in Overdrive: Exploring Allergies, Hypersensitivities & Immunodeficiencies 3.Innovations in Immunotherapy: Harnessing the Power of the Immune System to Combat Disease"	Moderator: <b>Dr.Bari Siddiqui</b> Associate Professor, AIIMS Mangalagiri.  <b>Speaker 1: Dr.Siva Prabodh</b> Professor & HOD, NRI Medical College, Chinnakakani.  <b>Speaker 2: Dr.Aparna R Bitla</b> Professor & HOD, SVIMS, Tirupati.  <b>Speaker 3: Dr.M.M.Suchitra</b> Professor, SVIMS, Tirupati.
01:00pm to 01:30pm	Corporate Session		<b>Beckman Coulter</b>
01:30pm to 02:30pm	Lunch Break		
02:30pm to 03:15pm	Scientific Session 3	Exploring the Interplay of Immunology&Rheumatology: unveiling the complexities of Autoimmune Disorders	<b>Dr.G Aravind</b> Assistant Professor, Department of Rheumatology, AIIMS Mangalagiri.

**DAY-1**



TIME	TOPICS
03:15pm to 05:00pm	Free Poster/Paper Presentation
05:00pm to 06:00pm	General body meeting

**DAY-1**

TIME	SESSION	TOPICS	PROPOSED SPEAKERS
08:30am to 09:00am	Registration & Breakfast		
09:00am to 09:15am	Recap		
09:15am to 10:00am	Scientific Session 4	Intersecting Frontiers: Immunology's Vital Role in Cancer Research & Therapy	<b>Dr.Abhishek Raghava KS</b> Assistant Professor, Department of Medical Oncology, AIIMS Mangalagiri.
10:00am to 10:25am	Scientific Session 5	Immunological Diagnostic Challenges in the Indian Context: Overcoming Hurdles for Accurate Detection	<b>Dr.Montosh Chakraborty</b> Additional Professor, AIIMS Mangalagiri.
10:25am to 10:50am	Scientific Session 6	Exploring Immunological Diagnostics in India: Current Testing Landscape & Centers of Excellence	<b>Dr.B.Sowjanya</b> Professor Narayana Medical College & Hospital, Nellore.
10:50am to 11:15am	Scientific Session 7	Charting the Future of Immunological Diagnostics: Trends, Innovations & Potential Breakthroughs	<b>Dr.Dyanesh Amle</b> Associate Professor, AIIMS Nagpur.
11:15am to 11:30am	Tea Break		
11:30am to 12:30pm	Free paper Presentation (Faculty)		
12:30pm to 01:15pm	Scientific Session 8	Insights from Nephrology: Immunological Considerations in Organ Transplantation	<b>Dr.Uttara Das</b> Professor & HOD, Department of Nephrology, AIIMS Mangalagiri.
01:15pm to 02:15pm	Lunch Break		
02:15pm to 03:00pm	Award Paper Presentation (Faculty/Postgraduate)		
03:00pm to 04:00pm	Valedictory and Vote of Thanks		

**DAY-2**

## Theme / categories for Oral and Poster Presentation

Autoimmune Disorders  
 Immunological Memory  
 Allergy & Hypersensitivity  
 Immune Regulation & Tolerance  
 Renal Disorders  
 Cardiovascular System Disorders  
 Reproductive system & pregnancy  
 Endocrine disorders & Diabetes Mellitus

Diet and Nutrition  
 Electrolyte & acid base disturbances  
 Oncogenesis & tumor markers  
 Genomics & Molecular biology Techniques  
 Instrumentation & Innovation technology  
 Quality Control & Laboratory standards  
 Innovations in Teaching-learning methods

Registration to conference and pre-conference workshop is mandatory for all delegates. Maximum number of permissible registrations for each workshop is 25 which is purely on a first cum first serve basis.

Delegates are allowed to register for pre-conference workshop only after registration for the conference.

Delegates can choose any one workshop as per their choice. In the event of filling out of the chosen workshop the delegates will be assigned to the other and will be intimated same.

Check the college website [www.aiismangalagiri.edu.in](http://www.aiismangalagiri.edu.in) for timely updates.

	Early Bird Registration Before 14/06/2024)			Late Registration (15/06/2024 to 05/07/2024)		
	Conference Only	Workshop	Combo Total	Conference Only	Workshop	Combo Total
Faculty delegates (AMBI Members)	5000	2000	7000	6000	2500	8500
Faculty delegates (Non-member medical graduates)	5500	2500	8000	6500	3000	9500
Postgraduates (AMBI Members)	3000	2000	5000	3500	2500	7000
Postgraduates (Non-Member Medical graduates)	3500	2500	6000	4000	3000	7000
Accompanying person (Without conference kit)	2500	-----	2500	3000	-----	3000

### Payment Details:

**Mode of Payment:** NEFT/RTGS/UPI/PAYTM

**Account Name:** AIIMS Mangalagiri Dept of Biochemistry

**Bank Account no:** 40178602981

**Branch:** SBI, AIIMS Mangalagiri

**IFSC:** SBIN0061485

Google Form Link for Registrations:

<https://forms.gle/5nwHeQmQV4udRm6H6>



## CONFERENCE COMMITTEE MEMBERS

### Organizing Chairman

**Dr.Desai Vidya Sripad**

Professor & HOD

Department of

Biochemistry

AIIMS Mangalagiri

### Organizing Treasurer

**Dr.Bari Siddiqui M A**

Associate Professor

Department of

Biochemistry

AIIMS Mangalagiri

### Organizing Secretary

**Dr.Montosh Chakraborty**

Additional Professor

Department of

Biochemistry

AIIMS Mangalagiri

### Organizing Committee Members

Dr.Desai Vidya Sripad, Professor & HOD, Department of Biochemistry, AIIMS MG

Dr.V.Naga Guhan, Associate Professor, Department of Biochemistry, AIIMS MG

Dr.T.Sibi Mandela, Assistant Professor, Department of Biochemistry, AIIMS MG

Dr.N.Gautam, Assistant Professor, Department of Biochemistry, AIIMS MG

### Scientific Committee Members

Dr.Montosh Chakraborty, Additional Professor, Department of Biochemistry, AIIMS MG

Dr.Bari Siddiqui M A, Associate Professor, Department of Biochemistry, AIIMS MG

Dr.Siva Prabodh, Professor & HOD, Department of Biochemistry, NRI Medical College, Chinakakani

Dr.Aparna R Bitla, Professor & HOD, Department of Biochemistry, SVIMS Tirupati

Dr.B.Sowjanya, Professor, Department of Biochemistry, Narayana Medical College & Hospital, NLR

### Hospitality Committee Members

Dr.V.Naga Guhan, Associate professor, Department of Biochemistry, AIIMS MG

Mr.Saidaiiah Ikkurthi, Tutor/Demonstrator, Department of Biochemistry, AIIMS MG

Dr.Preetham Chetty, Tutor, Department of Biochemistry, AIIMS MG

Dr.T.Hema, Postgraduate, Department of Biochemistry, AIIMS MG

Mr.B.Santosh Naik, LT, Department of Biochemistry, AIIMS MG

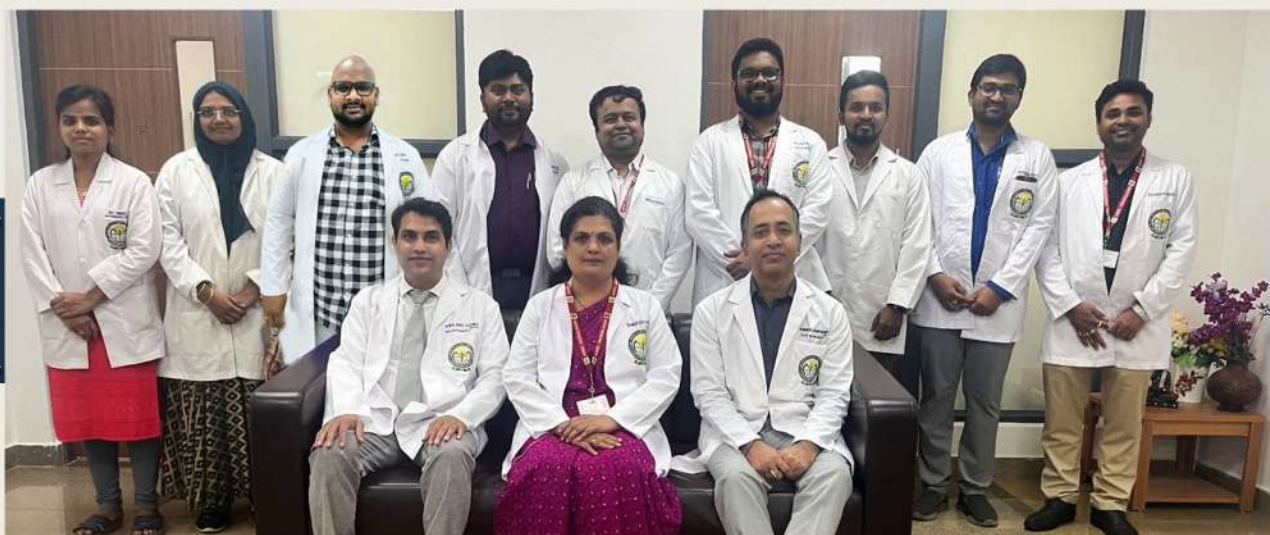
### Registration Committee Members

Dr.T.Sibi Mandela, Assistant Professor, Department of Biochemistry, AIIMS MG

Dr.Sadiya Sanjer, Senior Resident, Department of Biochemistry, AIIMS MG

Dr.K.Bharath Kumar, Senior Resident, Department of Biochemistry, AIIMS MG

Mr.Kranthi Deepak, LA, Department of Biochemistry, AIIMS MG



### Contact Details:

For Registrations: Dr T Sibi Mandela – 9035993848;

Dr K Bharath Kumar – 9553198627

For Posters-Papers: Dr Bari Siddiqui MA – 9000864804;

Dr T Hema – 6381361060

For details please visit: <https://www.aiismangalagiri.edu.in/event/11609/>