



MCADDI

Medicinal Chemistry, And Drug
Discovery & Development India 2026
OCTOBER 25-30, 2026



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MEDICINAL CHEMISTRY, AND DRUG DISCOVERY & DEVELOPMENT INDIA 2026

UNIVERSITY OF HYDERABAD, INDIA · OCTOBER 25-30, 2026

6

Days of learning

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100+

Participants

10+

years of MCADDI



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I U P A C

FOREWORD

Dear Colleagues,

It is our privilege to welcome you to MCADDI 2026 – Medicinal Chemistry, Drug Discovery & Development India, coming to Hyderabad for the first time.

For over a decade, MCADDI has brought together leading scientists and industry professionals to explore the science and practice of drug discovery from first principles to clinical reality. The 2026 edition builds on this legacy with an expanded program, a distinguished global faculty, and a new dedicated session on AI applications in drug discovery.

Hyderabad is a fitting home for this edition. As one of India's most dynamic pharmaceutical and biotechnology hubs, the city represents precisely the ecosystem that MCADDI seeks to strengthen. One where global scientific knowledge meets Indian innovation and talent.

We look forward to six days of learning, collaboration, and meaningful scientific exchange.

Warm regards,

Prof. Pallu Reddanna
Executive President, FABA
Senior Professor (Rtd.), University of Hyderabad

Dr. Balu Balasubramanian
Strategic Pharma Innovation–Sourcing Center LLC, USA

ABOUT MCADDI

Where Chemistry Meets Clinical Reality

MCADDI is a globally recognized program presenting the full spectrum of drug discovery and development, from medicinal chemistry principles to advanced biologics, clinical translation, and manufacturing. Conducted since 2013 in collaboration with the American Chemical Society and IUPAC, MCADDI has hosted over 120 participants per edition from industry and academia across India. MCADDI 2026 marks a landmark edition, coming to Hyderabad for the first time, in partnership with FABA, Science Gurus, Biocon Academy, Aragen Academy, and the University of Hyderabad.

This one-week program is designed to strengthen the drug discovery ecosystem in India — equipping scientists, researchers, and professionals with an integrated understanding of the complete pipeline, from target identification to clinical development.

Interactive & case-based sessions

Highly interactive lectures with real drug discovery case histories from initial concept to approved medicine presented by scientists who built the drugs themselves.

Global industry & academic faculty

Speakers from Bristol-Myers Squibb, Genentech, AbbVie, Schrodinger, Sun Pharma, Aurigene, and other leading academic institutions worldwide.

CEO conclave & banquet keynote

Exclusive fireside chat with pharma & biotech CEOs, followed by a formal banquet with a keynote address, a signature MCADDI event.

New in 2026 – AI in pharma session

A dedicated afternoon session on AI applications in drug discovery, covering machine learning in medicinal chemistry, in silico screening, and real-world industry case studies.

ABOUT ORGANISING COMMITTEE

Dr. Pallu Reddanna

Senior Professor (Rtd.), SLS, Univ. of Hyderabad;
Executive President, FABA

Dr. Balu Balasubramanian

Strategic Pharma Innovation–Sourcing Center LLC, USA

Dr. William Greenlee

MedChem Discovery, Consulting LLC, USA

Dr. Nick Meanwell

Baruch S. Blumberg Institute, USA

Dr. Jagath Reddy Junutula

Board Chairman, Science Gurus;
Co-founder, President & CEO,
Aarvik Therapeutics Inc., USA

Dr. Ajith Kamath

Ex-Head, External R&D Pfizer

Dr. P. Ratnakar

Secretary General, FABA

Dr. Manjunath Ramarao

CSO, Aragen

Dr. Uday Saxena

Founder, IEFR;
Co-founder Utopia Therapeutics

Dr. Bindu Madhav Reddy

Professor, Univ. of Hyderabad

ABOUT ORGANISERS

FEDERATION OF ASIAN BIOTECH ASSOCIATIONS

The Federation of Asian Biotech Associations (FABA) is a non-profit organization established in 2004 for providing a platform for academy, industry, and government bodies

BIOCON ACADEMY

Biocon Academy leverages Biocon's rich industry experience and the subject expertise of international and national education partners to deliver industry-oriented training programs to life sciences students

WHO SHOULD ATTEND

Biotech & Pharma Professionals

Scientists & Researchers in Life Sciences

Postdoctoral Researchers in Drug Discovery Area

Faculty & Academic Researchers

CRO, CDMO & Healthcare Professionals

Regulatory & Clinical Development Professionals

6-DAY SCHEDULE

Day 1 – Sunday, Oct 25		
11:00–16:00	Registration	
Session Chair	Balu Balasubramanian, Strategic Pharma Innovation–Sourcing Center, USA	
16:00 – 16:15	Welcome Address	Balu Balasubramanian, Pallu Reddanna
16:15 – 17:15	Lecture 1 Principles of Medicinal Chemistry – Part 1	Thomas Prisinzano , Univ. of Kentucky
17:15 – 18:15	Lecture 2 Principles of Medicinal Chemistry – Part 2	Thomas Prisinzano , Univ. of Kentucky
18:15 – 19:15	Lecture 3 Target Identification and Validation	Manjunath Ramarao , Aragen, India/USA
19:15 – 21:30	Networking High Tea & Pizza	Central Lawn, University of Hyderabad
Day 2 – Monday, Oct 26		
Session Chair	Nick Meanwell, Baruch S. Blumberg Institute, USA	
8:30 – 9:30	Lecture 4 Hit Identification, HTS, Virtual Screening and Phenotypic Screening	Manjunath Ramarao , Aragen, India/USA
9:30 – 10:30	Lecture 5 Drug-Like Properties	Thomas Prisinzano , Univ. of Kentucky
10:30 – 11:00	Coffee Break	
11:00 – 12:00	Lecture 6 Enzymes, Receptors, and Ion Channels	Manjunath Ramarao , Aragen, India/USA
12:00 – 13:30	Lunch Break	
Session Chair	Thomas Prisinzano, University of Kentucky, USA	
13:30 – 14:30	Lecture 7 G-Protein Coupled Receptors (GPCRs)	Manjunath Ramarao , Aragen, India/USA
14:30 – 15:30	Lecture 8 Hit-to-Lead and Lead Optimization	Ralf Glatthar , Novartis, USA
15:30 – 16:00	Coffee Break	
16:00 – 17:00	Lecture 9 (Case History) Integrated Drug Discovery and Development — Metabolic Disease	Mukul Jain , Zydus Lifesciences, India

Day 3 – Tuesday, Oct 27

Session Chair	Rachel Lagiakos, Novartis, USA	
8:30 – 9:30	Lecture 10 Molecular Interactions	Vincent Stoll , AbbVie, USA
9:30 – 10:30	Lecture 11 In-silico Tools for Medicinal Chemists	Rachel Lagiakos , Novartis, USA
10:30 – 11:00	Coffee Break	
11:00 – 12:00	Lecture 12 Application of In-Silico Tools in Drug Discovery	Rachel Lagiakos , Novartis, USA
12:00 – 13:30	Lunch Break	
Session Chair	Vincent Stoll, AbbVie, USA	
13:30 – 14:30	Lecture 13 AI-Based Drug Design — Case Study	Ratnakar Palakodeti , SCIINV Biosciences, India
14:30 – 15:30	Lecture 14 Structure Based Drug Design – : Bcl2 and MPro Drug Discovery Case Studies	Vincent Stoll , AbbVie, USA
15:30 – 16:30	Lecture 15 Bioisosteres in Drug Design	Nick Meanwell , Baruch S. Blumberg Institute, USA
16:30 – 17:00	Coffee Break	
17:00 – 18:00	Lecture 16 (Case History) Drug Metabolism, Pharmacokinetics and Disposition	Punit Marathe , BMS / Agios, USA

Day 4 – Wednesday, Oct 28

Session Chair	Thomas Prisinzano, University of Kentucky, USA	
8:30 – 9:30	Lecture 17 Preclinical to Clinical Translational ADME and PK/PD	Punit Marathe , BMS / Agios, USA
9:30 – 10:30	Lecture 18 Prodrugs in Drug Discovery	Nick Meanwell , Baruch S. Blumberg Institute, USA
10:30 – 11:00	Coffee Break	
11:00 – 12:00	Lecture 19 Introduction to Biologics – Part 1	Rustom Mody , Sun Pharma, India
12:00 – 13:30	Lunch Break	

Session Chair	Nitin Damle, Sun Pharma, India	
13:30 – 14:30	Lecture 20 Introduction to Biologics – Part 2	Rustom Mody , Sun Pharma, India
14:30 – 15:30	Lecture 21 Principles of Antibody–Drug Conjugates and Beyond	Nitin Damle , Sun Pharma, India
15:30 – 16:15	Coffee Break	
16:15 – 17:15	Lecture 22 Biopharmaceuticals, Developability and SC Formulation of Biologics	Ramesh Kashi , Ex-BMS / Merck, USA
Day 5 – Thursday, Oct 29		
Session Chair	Dr. Ajith Kamath, Ex–Pfizer	
8:30 – 9:30	Lecture 23 Designing Around Toxicophores in Drug Discovery	Nick Meanwell , Baruch S. Blumberg Institute, USA
9:30 – 10:30	Lecture 24 (Case History) RAD51:BRCA2 Inhibitor — Pan–Cancer Drug	CSN Murthy , Satya Pharma Innovation, India
10:30 – 11:00	Coffee Break	
11:00 – 12:00	Lecture 25 (Case History) Antibody–Drug Conjugate Case History	Nitin Damle , Sun Pharma, India
12:00 – 13:30	Lunch Break	
Session Chair	Pallu Reddanna, FABA & University of Hyderabad	
13:30 – 14:30	Lecture 26 (Case History) ADC Linker Optimization — NextGen ADCs	Jagath Reddy , Aarvik Therapeutics, USA
14:30 – 15:30	Lecture 27 (Case History) Integrated Drug Discovery and Process Development	Nick Meanwell , Baruch S. Blumberg Institute, USA
15:30 – 16:30	Lecture 28 (Case History) Oncology Case History	Murali Ramachandra , Aurigene Oncology, India
Session Chair	Balu Balasubramanian, Strategic Pharma Innovation–Sourcing Center, USA	
17:30 – 18:00	Banquet Keynote Lecture	Percy Carter , Pfizer, USA
18:00 – 19:00	CEO Roundtable	TBD
19:00 – 19:30	FABA Innovation Awards Ceremony	
19:30 – 21:30	Reception & Dinner	All Participants • Speakers • Sponsors

Day 6 – Friday, Oct 30		
Session Chair	Punit Marathe, BMS / Agios, USA	
8:30 – 9:30	Lecture 29 (Case History) Anti-CTLA4 Checkpoint Inhibitor Immunotherapy	Alan Korman , BlueSphere Bio, USA
9:30 – 10:30	Lecture 30 Applications of Heterocycles in Drug Design	Nick Meanwell , Baruch S. Blumberg Institute, USA
10:30 – 11:00	Coffee Break	
11:00 – 12:00	Lecture 31 Process Chemistry Optimization	TBD
12:00 – 13:00	Lunch Break	
13:00 – 14:00	Lecture 32 Targeted Protein Degradors and Molecular Glues	M S Reddy , CDFD, India
14:00 – 15:30	Panel Discussion (FABA Sponsored): "Beyond Small Molecule Drugs Landscape – India's Opportunity to Lead in Discovery and Development of Biological Therapeutics"	Moderator: Dr. Uday Saxena
15:30 – 16:00	Concluding Remarks & Valedictory	Dr. Ajith Kamath , Ex-Pfizer Dr. Manjunath Ramarao , Aragen
16:30 – 17:00	Certificate Distribution	



Percy Carter
Pfizer, USA
Keynote Speaker



Tom Prisinzano
University of Kentucky, USA
Principles of Medicinal Chemistry ·
Drug-Like Properties



Manjunath Ramarao
Aragen, India/USA
Target ID · Hit ID/HTS · Enzymes &
Receptors · GPCRs



Ralf Glatthar
Novartis, USA
Hit-to-Lead & Lead Optimization



Vincent (Vinnie) Stoll
AbbVie, USA
Molecular Interactions · Structure-
Based Drug Design



Rachel Lagiakos
Novartis, USA
In-silico Tools · AI in Medicinal
Chemistry



Punit Marathe
BMS / Agios, USA
Drug Metabolism & PK · Clinical
Pharmacology · ADME/PK/PD



Nick Meanwell
Baruch S. Blumberg Institute, USA
Prodrugs · Bioisosteres · Toxicophores ·
Heterocycles · Fostemsavir



Ramesh Kashi
Ex-BMS / Merck, USA
Subcutaneous Delivery of
Biologics



Rustom Mody
Sun Pharma, India
Introduction to Biologics
(Parts 1 & 2)



Nitin Damle
Sun Pharma, India
Principles of ADCs · ADC Case
Study



Martin Eastgate
Bristol-Myers Squibb, USA
Process Chemistry · Integrated
Process Development



Alan Korman
BlueSphere Bio
BMS compounds and their evolution /
anti-CTLA4 / immunotherapy



Murali Ramachandra
Aurigene Oncology, India
Case Study — Oncology



Jagath Reddy
Aarvik Therapeutics, USA
Engineering NextGen ADCs: Anyibody,
Linker and Payload Optimization



Ratnakar Palakodeti
SCIINV Biosciences
Case Study – AI-Based Drug
Design Case Study



Mukul Jain
Zydrus Lifesciences, India
Case Study — Metabolic
Disease



CSN Murthy
Satya Pharma Innovation, India
Case Study — RAD51:BRCA2
Inhibitor — Pan-Cancer Drug



MS Reddy
CDFS, India
Targeted Protein Degradators &
Molecular Glues

PANEL DISCUSSION

“Beyond Small Molecule Drugs Landscape – India’s Opportunity to Lead in Discovery and Development of Biological Therapeutics”



Uday Saxena
IEFR, India



Suresh Poda
Laurus Labs , India



Ajith Kamath
Ex-Head, External
R&D Pfizer



Kalaivani Ganesan*
DBT, India



Srinivas Oruganti
DRILS, India



Narahari Sastry*
IIT Hyderabad,
India

REGISTRATION FEES

Early Bird Registration – Register before Sep 30th

ACADEMIC

Postdoc · Researchers · Faculty

₹31,860

After Sep 30th – ₹35,400

INDUSTRY PROFESSIONAL

All Industry Participants

₹53,100

After Sep 30th – ₹59,000



REGISTER NOW

www.biofaba.org.in/mcaddi/

All fees inclusive of taxes. Registration closes October 15, 2026.

Group Discount: Organizations registering more than 20 participants receive a 25% discount on registrations beyond the first 20. For group registrations and consolidated invoicing, please write to: info@biofaba.org.in

SPONSORSHIP

Refer the sponsorship document here for more details

Exhibition Booths: A limited number of exhibition booths will be available for laboratory supply and instrument vendors. Companies interested in exhibiting may contact us at info@biofaba.org.in for details.

For sponsorship enquiries and other information: info@biofaba.org.in · +91 7989957263

ACCOMMODATION

ON-CAMPUS ACCOMMODATION: University of Hyderabad — Lake View Guest House:

Room Type	Rate per day
Single Room (A/C)	₹700
Silver Jubilee Double Room (A/C)	₹800
VIP Scholar Double Room (A/C)	₹900

Participants are encouraged to book directly with the University of Hyderabad Guest House at +91 7396732150

NEAR-BY HOTELS

The following hotels in the Gachibowli area are recommended for participants. Direct booking is advised.

Hotel	Distance from Venue	Phone
ITC Kohinoor	~8 km	+91 40 67660101
Ellaa Hotel, Gachibowli	~2 km	+91 40 6628 8488
Clarion Hotel, Gachibowli	~4 km	+91 89777 81601
Radisson Hotel, Hitec City	~4 km	+91 40 6769 6769
Lemon Tree Premier, Hitec City	~8 km	+91 40 4421 2121

REACHING VENUE

University of Hyderabad, School of Life Sciences Prof. C R Rao Road, Gachibowli, Hyderabad – 500046

From Rajiv Gandhi International Airport: approximately 45 minutes by cab (Ola / Uber available)

From Hyderabad Deccan Railway Station: approximately 30 minutes by cab

From Secunderabad Railway Station: approximately 45 minutes by cab