



**Mangalore University
&
Indian Association of Biomedical Scientists (IABMS)**
*Cordially invite you to the
Inaugural Function of
39th Annual Summit of IABMS & International Conference 2018*

**On "Current Concepts on the Role of Indian Medicine &
Phytochemicals in Maintenance of Health"**
*on 15th November 2018 at 4.00pm
at Kaveri Quadrangle, Science Block, Inana Kaveri Post Graduate Centre,
Mangalore University, Chikka Aluvu, Somwarpet Taluk, Kodagu*

Dr. Ajay Kumar Singh
Scientist 'H' Outstanding Scientist & Director, General Life Sciences
Defence Research and Development Organisation, New Delhi
Has kindly consented to be the Chief Guest

Padmabhushan Prof. P. Balaram
Former Director of IISc, Bangalore

Prof. M.K. Surappa
Hon'ble Vice Chancellor of Anna University, Chennai, Tamil Nadu

Prof. K. Byrappa
Pro-Vice Chancellor & Dean, Research, Adichunchanagiri University
Former Vice Chancellor, Mangalore University

Will be the Guests of Honour

Prof. Ishwara P.
Hon'ble Vice Chancellor
Mangalore University

Will preside over the Function

Prof. Manjula Shantaram
Organising Secretary, 39th IABMS Con

Prof. B.H. Shekar
Organising Chairman

Prof. T. Thirunalasundari
President, IABMS

Prof. S. Karthikeyan
General Secretary, IABMS

Prof. A.M. Khan
Registrar, Mangalore University

PROGRAMME OF INAUGURAL FUNCTION

- ♦ Invocation
- ♦ Welcome Address
- ♦ Lighting the Lamp
- ♦ Honouring of the Past Presidents of IABMS & Dignitaries on the Dais
- ♦ Release of Souvenir
- ♦ Address by Guests of Honour
- ♦ Address by Chief Guest
- ♦ IABMS Agenda
- ♦ Presidential Address
- ♦ Vote of Thanks
- ♦ Key Note address
- ♦ Two orations by IABMS Scientists



39th IABMS 2018

39th IABMS Annual Summit & International Conference

Scientific Programme Schedule

15th Nov. 2018

Time	
07:30- 08:00	Breakfast
08:00 - 09:00	Registration of Dr.SaradaSubramaniam Pre-Conference Workshop
09:00 - 01:00	Pre-Conference Workshop – Lectures & Demonstrations on “Basics of Cell Culture & Applications in Drug Discovery”
11.30 - 01: 00	Pre-Conference E.C. meeting
01:00 - 02:00	Lunch
02:00 - 03:00	Conference Registration
03:00 - 03.45	Coffee Break
04:00 - 06:00	Inaugural Session (Kaveri Quadrangle) Chief Guest: Dr. A.K. Singh; Guests of Honour: Prof.P.Balaram; Prof. M.K. Surappa; Prof. K. Byrappa
06:00 - 07:00	Key note address by Padmabhushan Prof. P. Balaram
07:00 - 08:00	M.K. Nambiar oration by Prof.T.Thirunalasundari & Prof.Sundaram Subramanian oration by Prof.G.K.Pal
08:00 - 08:30	Cultural Program
08:30 - 09:30	Banquet

End of Day 1

16th Nov. 2018 (Day 2)

07:30 - 08:30	Breakfast
08:30 - 09:00	Conference Registration (Day 2)
09:00 - 01:00	First Session: Traditional Medicine Venue: Pushpagiri Hall
Chair: Prof. T. Thirunalasundari Co-Chair : Dr. K. S. Chandrashekharaiiah Rapporteur : Dr. V. Hemamalini	
09:00 - 09:30	Prof. G. Rajgopal Annamalai University Annamalai nagar Title: Garlic (<i>Allium sativum</i>)-The best Phytomedicine
09:30 - 10:00	Prof. Shashikala R. Inamdar Karnatak University, Dharwad Title: Lectins from medicinal plants and fungi: as possible cancer diagnostic and therapeutic agents
10:00 - 10:30	Dr.FarhathKhanum DFRL, Mysuru Title: Phytochemicals for maintenance of health and as a functional food
10:30 - 10:45	Coffee Break
11:00 - 11:30	Prof. Hannah R. Vasanthi Pondicherry University Puducherry Title: Salubrious synergistic potency of ginger and garcin ameliorating pathophysiology of gastric cancer
11:30 - 01:00	Oral presentation session by delegates
01:00 - 02:00	Working Lunch

02:00 - 05:00	Second Session: Traditional Medicine Venue: Pushpagiri Hall
Chair: Prof. Shashikala R. Inamdar Co-Chair: Prof. D. K. Dhawan Rapporteur: Dr. K. K. Dharmappa	
02:00 - 02:30	Prof. Cletus D'Souza Mangalore University Mangalore Title: Phytonutrients and plant based medicine-how safe are they?
02:30 - 03:00	Prof.Chandrashekar K.R. Mangalore University Mangalore Title: Plants, Tribals and Molecules
03:30 - 04:00	Prof.Vadlapudi Kumar Davangere University Davangere Title: Phytoceuticals of <i>Anisomeles indicakuntze</i>
04:00 - 04:15	Coffee Break
04:15- 05:00	Oral presentation session by delegates

05:15 - 06:15	Poster Evaluation		
6:15 - 08:00	General Body Meeting of IABMS		
07:45 - 08:45	Dinner		
End of Day 2			
17 th Nov 2018 (Day 3)			
09:00 - 01:00	Third Session: Traditional Medicine		Venue: Pushpagiri Hall
Chair:Hannah R.Vasanthi		Co-Chair: Prof.RajatSandhir	Rapporteur: Dr. I. K. Manjula
09:00 - 09:30	Prof.Padmakumar K.	University of Kerala Thiruvananthapuram	Title: Marine derived Phytoceuticals
09:30 - 10:00	Prof. B.K.Sarojini	Mangalore University Mangalore	Title: Role of active principles of papaya leaf extract - collagen composites in wound healing - a study
10:00 - 10:30	Prof.SuchethaKumari N.	K S Hegde Medical AcademyNITTE (Deemed) UniversityMangalore	Title:Effects of omega-3 fatty acids on cancer
10:30 - 11:00	Dr.Padmini E	Government Arts and Science College, PerumbakkamChennai	Title:DLX5 protein and vasoregulators are potential diagnostic and therapeutic targets in pre-eclamptic trophoblasts
11:00 - 11:15	Coffee Break		
11:00 - 01:00	Oral presentation session by delegates		
01:00 - 02:00	LUNCH		
02:00 - 03:30	Award Session		
03:30 - 04:30	Valedictory Function		
16 th Nov. 2018 (Day 2)			
07:30 - 08:30	Breakfast		
08:30 - 09:00	Conference Registration (Day 2)		
09:00 - 01:00	First Session: Life Style Diseases		Venue: Bramhagiri Hall
Chair: Dr.M. A. Hussain		Co-Chair:Dr.K.C.Pushpalatha	Rapporteur: Mr. B.S.Srinath
09:00 - 09:30	Prof.Subrata Ghosh	Hooghly Mohsin College, West Bengal	Title: Altered erythrocyte topography by surface nanoscopy and metabolic stress responses of female labourers of West Bengal during manual material handling
09:30 - 10:00	Prof. D. K. Dhawan	Panjab University, Chandigarh	Title:Role of Phytochemicals in prevention and detection of cancer-An overview of our research
10:00 - 10:30	Prof. D. C. Mathangi	Chettinad Academy of Research and Education, Tamil Nadu	Title: Obstructive sleep Apnea – Knowledge, challenges and opportunities
10:30 - 10:45	Coffee Break		
11:00 - 11:30	Prof.RajatSandhir	Punjab University, Chandigarh	Title: Altered Insulin receptor signalling is involved in streptozotocin rat model of sporadic Alzheimer's disease
11:30 - 12:00	Dr. Kanchan Kapoor	Government Medical College, Chandigarh	Title:Histogenesis of lumbar sympathetic chain in human foetus.
12:00 - 01:00	Oral presentation session by delegates		
01:00 - 02:00	LUNCH		
02:00 - 05:00	Second Session: Life Style Diseases		Venue: Bramhagiri Hall
Chair: Prof.Subratha Ghosh		Co-Chair: Prof.Devashish Sen	Rapporteur: Dr. Ashwini Shetty
02:00 - 02:20	Dr.HarishPrashanth K.V.	Central Food Technological Research Institute, Mysore	Title: Neurotoxicity: the food neurotoxins contributing to neurodegenerative diseases and possible dietary solutions
02:20 - 02:40	Dr.PoornimaPriyadarshini C.G.	Central Food Technological Research Institute, Mysore	Title:Dipeptidyl peptidase family of proteins: the multifaceted therapeutic targets of lifestyle diseases

02:40 - 03:00			Title:
03:00 - 03:20	Dr.Maji Jose	Yenepoya Dental College, Yenepoya(Deemed) University, Mangalore	Title:A scientific validation of indigenous oral health and hygiene practices
03:20 - 03:40	Dr.Prabir Kr. Mukhopadhyay	Presidency University, West Bengal	Title: Modulated protein diet with high casein and pea protects arsenic-Induced ovo-uterine disorders in adult Wister rats
04:00 - 04:15	Coffee Break		
04:15 - 05:00	Oral presentation session by delegates		
05:15 - 06:15	Poster Evaluation		
6:15 - 08:00	General Body Meeting of IABMS		
07:45 - 08:45	Dinner		
End of Day 2			
17 th Nov. 2018 (Day 3)			
09:00 - 01:00	Third Session: Life Style Diseases		Venue: Bramhagiri Hall
Chair:Prof. Cletus D'Souza		Co-Chair: Dr.Padmimi. E	Rapporteur: Dr.Maneemegalai
09:00 - 09:30	Prof. K. Kemparaju	University of Mysore, Mysuru	Title: <i>In vitro</i> mode of action of Indian saw-scaled viper and cobra venoms on neutrophils; an emphasis on netosis
9:30 - 10:00	Dr.Keshav Prasad T.S.	Yenepoya Research Centre,Yenepoya(Deemed) University, Mangalore	Title:Mass spectrometry based functional proteomics to identify actionable molecules in human diseases
10:00 - 10:30	Prof. Manohar Shinde	Tumkur University, Tumakuru	Title: Prospecting of whole <i>mung</i> bean seed phytochemicals for the management of obesity and Type II Diabetes
10:30 - 11:00	Prof.RajeshwarAchur	Kuvempu University, Shimoga	Title: Association between inflammatory cytokine responses and anemia during severe malarial infections
11:00 - 11:15	Coffee Break		
11:20 - 01:00	Oral presentation session by delegates		
01:00 - 02:00	LUNCH		
02:00 - 03:30	Award Session		
03:30 - 04:30	Valedictory Function		
16 th Nov. 2018 (Day 1)			
07:30 - 08:30	Breakfast		
08:30 - 09:00	Conference Registration (Day 2)		
09:00 - 01:00	First Session: Biochemistry/Microbiology/ Genetics		Venue: Hemavathi Hall
Chair:Prof. G. Rajgopal		Co-Chair: Prof.D. Sakthisekaran	Rapporteur: Dr.AnandiBagchi
09:00 - 09:30	Dr.AnkurMutreja	University of Cambridge, United Kingdom	Title:Whole genome sequencing for better understanding the true burden, evolution and potential control of amr
09:30 - 10:00	Dr.AnjaliApte Deshpande	Founder/Director Central Dogma Pvt Ltd, Pune	Title: Journey of biosimilar from bench to bedside
10:30 - 10:45	Coffee Break		
11:00 - 11:30	Dr.MamathaBallal	Kasturba Medical College, Manipal (Deemed) University,	Title:Infection & antimicrobial resistance: Farm to fork -a global challenge

		Manipal	
11:30 - 12:00	Dr.Rekha P. D.	Yenepoya Research Centre,Yenepoya (Deemed) University, Mangalore	Title:Association of urinary microbiome with urolithiasis: Cause or consequence?
12:00 - 01:00	Oral presentation session by delegates		
01:00 - 02:00	LUNCH		
02:00 - 05:00	Second Session: Biochemisrty/Microbiology/ Genetics Venue: Hemavathi Hall		
Chair:Prof. M. Jayashankar Co-Chair: Prof. D.C. Mathangi Rapporteur:Dr.Manjunatha J.G.			
02:00 - 02:30	Prof. Girish K.S.	Tumkur University, Tumkur	Title:Berberine mitigates high glucose-potentiated platelet aggregation and apoptosis by modulating aldose reductase and NADPH oxidase activity
02:30 - 03:00	Dr. K. NeelakanteshwarPatil	Central Food Technological Research Institute, Mysore	Title: Characterization of <i>listeria monocytogenes</i> reca protein: implications in recombination and in antibiotic resistance
03:00 - 03:30	Dr.Gurjith Kaur	Government Medical College and Hospital, Chandigarh	Title: Birth defects- its prevention and management
03:30 – 04:00	Prof.PrashanthaNaik	Mangalore University, Mangalore	Title: Ames Test- A rapid and Sensitive Test for Mutagenicity, Carcinogenicity and Genoprotective Studies
04:00 - 04:15	Coffee Break		
04:15 - 05:00	Oral presentation session by delegates		
05:15 - 06:15	Poster Evaluation		
6:15 - 08:00	General Body Meeting of IABMS		
07:45 - 08:45	Dinner		
End of Day 2 (Day 2)			
17th Nov. 2018 (Day 3)			
09:00 - 01:00	Third Session: Biochemistry/Microbiology/ Genetics Venue: Hemavathi Hall		
Chair:Prof. S. VenkataramanCo-Chair:Dr.Gurjit Kaur Rapporteur: Mr. Rajkumar S. Meti			
09:00 - 09:30	Dr.K. Ashok Prabhu	Kasturba Medical College Manipal (Deemed) University Mangalore	Title: Title:Biomarkers – In health and disease
09:30 - 10:00	Chandrashekhar G. Joshi	PG Centre, Mangalore University	Title:Endophytes of traditional medicinal plants – a new source of novel medicine
10:00 - 11:00	Oral presentation session by delegates		
11:00 - 11:15	Coffee Break		
01:00 - 02:00	LUNCH		
02:00 – 03:30	Award Session		
03:30 - 04:30	Valedictory Function		
16th Nov. 2018 (Day2)			
07:30 – 08:30	Breakfast		
08:30 - 09:00	Conference Registration (Day 2)		
09:00 - 01:00	First Session: Drug Discovery & Development Venue: Netravathi Hall		
Chair: Dr.Gopal Marathe K. Co-Chair:Dr.K. NeelakanteshwarPatil Rapporteur: Dr.S. Ashwini			
09:00 - 09:30	Dr.Nand K. Relan	Stony Brook University Medical Centre,Stony Brook, New York, USA	Title: Applications of molecular imaging in clinical management of disease processes
09:30 - 10:00	Prof.Suresh K. Sharma	Punjab University, Chandigarh	Title: Survival and logistic regression techniques in Biomedical Sciences

10:00 - 10:30	Dr.MausumiSikdar Bhakta	Presidency University,West Bengal	Title: Mangrove reduced silver nano particles: An effective alternative to antibiotics against uropathogens
10:30- 10:45	Coffee Break		
11:00 - 11:30	Dr. Santosh R. Kanade	University of Hyderabad Telangana	Title: Positive and negative modulation of protein arginine methyltransferase 5 and methylosome protein (prmt5-mep50) and its implications
12:00 - 01:00	Oral presentation session by delegates		
01:00 - 02:00	LUNCH		
02:00 - 05:00	Second Session: Drug Discovery & Development		Venue: Netravathi Hall
Chair: Prof.K.M. Balakrishna Co-Chair: Dr.Rekha P.D. Rapporteur: Dr. Kanchan Kapoor			
02:00 - 02:30	Prof.ManjunathaPattabi	Mangalore University Mangalore	Title: Noble metal nanostructures for biological applications
02:30 - 03:00	Prof.BalakrishnaKalluraya	Mangalore University Mangalore	Title:Drug development and synthetic design
03:00- 03:30	Prof.Balaji Prakash	Dept. of Molecular Nutrition CFTRI, Mysore	Title: Rational Design of anti-bacterial molecules – Combining new and old strategies for the discovery of new drugs.
03:30 - 04:00	Dr.Bhagawat V.R.	SBH Govt. Medical College, Dhule, Maharashtra	Title: Lead exposure & Bone health
04:00 - 04:15	Coffee Break		
04:15 - 05:00	Oral presentation session by delegates		
05:15 - 06:15	Poster Evaluation		
6:15 - 08:00	General Body Meeting of IABMS		
07:45 - 08:45	Dinner		
End of Day 2			
17 th Nov. 2018 (Day 3)			
09:00 - 01:00	Third Session: Drug Discovery & Development		Venue: Netravathi Hall
Chair: Prof. V.R. Bhagwat Co-Chair: Dr. Santosh R. KanadeRapporteur:Dr.Maji Jose			
09:00 - 09:30	Prof. B.S. Vishwanath	University of Mysore, Mysore	Title:Celastrol modulates inflammation through inhibition of the catalytic activity of mediators of arachidonic acid pathway
09:30 - 10:00	Dr.Manjunatha J.G.	FMKMC College, Madikeri, Mangalore University	Title: Electrochemical analysis of nigrosine using carbon paste electrode
10:00 - 10:30	Prof.SmithaHegde	NITTE University Centre for Science Education and Research, Mangalore	Title: Plant tissue culture: An <i>in-vitro</i> option for sustainable synthesis of phytochemicals.
11:00 - 11:15	Coffee Break		
11:15- 12:00	Oral presentation session by delegates		
01:00 - 02:00	LUNCH		
02:00 – 03:30	Award Session		
03:30 - 04:30	Valedictory Function		
16 th Nov. 2018 (Day 2)			
07:30 – 08:30	Breakfast		
08:30 - 09:00	Conference Registration (Day 2)		
09:00 - 01:00	First Session: AYUSH		Venue: SharavathiHall

Chair: Prof.RajeshwarAchur Co-Chair:Prof. S.K. Sharma Rapporteur: Dr MausumiSikdar Bhakta			
09:00 - 09:30	Prof. S. Karthikeyan	University of Madras, Chennai	Title:Silymarin and Silibinin – Our investigations on hepatoprotective and antioxidant principles against drugs and chemicals induced toxic insults of liver
09:30 - 10:00	Prof. C.S. Gautam	Government Medical College & Hospital, Chandigarh	Title:Herbal & allopathic drug interactions: is it time to wake up?
10:00 - 10:30	Prof.Devashish Sen	Presidency University, Kolkata	Title:Chrono-nutrition: an emerging aspect of nutritional assessment
10:30- 11:00	Prof. B. ShivanandaNayak	The University of West Indies, Trinidad & Tobago	Title:Wound-healing activity of the skin of the common grape (<i>Vitisvinifera</i>)
11:00 - 11:15	Coffee Break		
11:00 - 01:00	Oral presentation session by delegates		
01:00 - 02:00	LUNCH		
02:00 - 05:00	Second Session: AYUSH Venue: SharavathiHall		
Chair: Prof. S. Karthikeyan Co-Chair: Prof. C. S. Gautam Rapporteur: Dr.Sneha Rani. A.H.			
02:00 - 02:30	Dr. Gopal Marathe K.	University of Mysore, Mysuru	Title:Platelet activating factor receptor antagonist(s) from <i>Tylophoraasthmatica</i>
02:30 - 03:00	Dr.Rajesh A. Udupudi	JSS Ayurveda Medical College & Hospital, Mysuru.	Title: A clinical study on the management of sthaulya (obesity) through erandamūlādilekhanabasti with navakaguggulu
03:00 - 03:30	Dr. Santosh Kumar J.	Karnataka Ayurveda Medical College, Mangalore	Title:Less explored dimensions of phytoceuticals in Indian medicine
03:30 – 04:00	Dr.ShivanandGavimath	JSS Ayurveda Medical College & Hospital, Mysuru.	Title: An efficacy of phytoceutically potent selective classical single drug therapy “ <i>ekamoolikaprayoga</i> ” in the management of ophthalmic and Ent manifestations – An Ayurveda perspective
04:00 - 04:15	Coffee Break		
04:15 – 05:00	Oral presentation session by delegates		
05:15 - 06:15	Poster Evaluation		
6:15 - 08:00	General Body Meeting of IABMS		
07:45 - 08:45	Dinner		
End of Day 2			
17 th Nov. 2018 (Day 3)			
02:00 – 03:30	Award Session		
03:30 - 04:30	Valedictory Function Chief Guest : Prof.IndraniKarunasagar Guests of Honour: Prof. S.N. Hegde ; Sri V.V.Bhat Former IAS Officer		

Hon’ble Judges for poster evaluation (nearly 100 posters)on 16th November 2018: 5:15 to 6:15 pm

If convenient, kindly oblige to evaluate the posters and help me please.

1. Prof. Manjunatha Pattabi, Mangalore University
2. Prof. Balakrishna Kalluraya, Mangalore University
3. Prof. Chandrashekar K.R., Mangalore University
4. Prof. Manohar Shinde, Tumkur University
5. Prof. K.S. Girish, Tumkur University
6. Prof. Rajesh A. Udupudi, JSS Ayurveda Medical College, Mysore
7. Dr. Prabir Kr. Mukhopadhyay, Presidency Uni., West Bengal
8. Dr. Nand K. Relan, Stony Brook University, New York
9. Dr. Kotresh Obelannavar, Chemistry Dept., KUD, Karnatak Science College, Dharwad

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Prof. Manjula Shantaram
Organizing Secretary
10th Nov. 2018





**Mangalore University
&
Indian Association of Biomedical Scientists (IABMS)**

*Cordially invite you to the
Valedictory Function of*

39th Annual Summit of IABMS & International Conference 2018

**On "Current Concepts on the Role of Indian Medicine &
Phytoceuticals in Maintenance of Health"**

on 17th November 2018 at 4.00 pm

*at Kaveri Quadrangle, Science Block, Inana Kaveri Post Graduate Centre,
Mangalore University, Chikkā Aluvāra, Somwarpet Taluk, Kodagu*

Prof. Indrani Karunasagar

Director (R&D), Nitte (Deemed to be University)
Director, Nitte- Centre for Science Education & Research (N-CSER)

Has kindly consented to be the Chief Guest

Prof. S. N. Hegde

Former Vice Chancellor of Mysore University, Mysuru

Sri V. V. Bhat

Retired IAS Officer
Former Secretary to Govt. Of India

Will be the Guests of Honour

Prof. A. M. Khan

Registrar, Mangalore University
Will preside over the Function

Prof. B.H. Shekar
Organising Chairman

Prof. Manjula Shantaram
Organising Secretary

39th IABMS Conference

PROGRAMME OF VALEDICTORY FUNCTION

- ♦ *Invocation*
- ♦ *Welcome Address*
- ♦ *Report of the conference*
- ♦ *Opinion about the conference*
- ♦ *Address by Guests of Honour*
- ♦ *Address by the Chief Guest*
- ♦ *Distribution of Best Oral & Poster awards*
- ♦ *Honouring the Guests*
- ♦ *Presidential Address*
- ♦ *Vote of Thanks*



39th IABMS 2018



