





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 & Phytoceuticals in Maintenance of Health"

on 15th November 2018 at 4.00pm at Kaveri Quadrangle, Science Block, Jnana Kaveri Post Graduate Centre, Mangalore University, ChikkaAluvara, 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. SurappaHon'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 Organising Chairman

Prof. B.H. Shekar

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 Annual Summit & International Conference Scientific Programme Schedule

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15 th Nov. 2018				
Time Time				
07:30- 08:00	Breakfast			
08:00 □09:00	Registration of Dr.SaradaSubramaniam Pre-Conference Workshop			
00 00 01 00	Pre-Conference Workshop – Lectures & Demonstrations on			
09:00 - 01:00	"Basics of Cell Culture & Applications in Drug Discovery"			
11.30 - 01: 00	Pre-Conference E.C. r	neeting		
01:00 - 02:00	Lunch			
02:00 - 03:00	Conference Registration	on		
03:00 - 03.45	Coffee Break			
04:00 - 06:00	Inaugural Session (Kav	veri Quadrangle)		
			of.P.Balaram; Prof. M.K. Surappa;	
	Prof. K. Byrappa	G .		
06:00 - 07:00		admabhushanProf. P. Balara	m	
07.00 00.00		by Prof.T.Thirunalasundario		
07:00 - 08:00		manian oration by Prof.G.K.l		
08:00 - 08:30	Cultural Program	•		
08:30 - 09:30	Banquet			
		End of Day 1		
	16 th Nov. 2018 (Day 2)			
07:30 - 08:30		10 110v. 2010 (Day 2)		
08:30 - 09:00	Breakfast Conference Registration (Day 2)			
09:00 - 01:00	First Cossion. Traditi			
09:00 - 01:00	First Session: Traditional Medicine Venue: Pushpagiri			
Chair: Prof T		pair · Dr. K. S. Chandrashekhar	aiah Rapporteur : Dr. V. Hemamalini	
09:00 - 09:30	Prof. G. Rajgopal	Annamalai	Title:Garlic(<i>Allium sativum</i>)-The best	
09.00 - 09.30	Tion G. Rajgopai	UniversityAnnamalainagar	Phytomedicine	
09:30 - 10:00	Prof. Shashikala R.	Karnatak University, Dharwad	Title: Lectins from medicinal plants and	
0,100 10100	Inamdar	3,	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.	Pondicherry University	Title:Salubrioussynergistic potency of	
	Vasanthi	Puducherry	ginger and garlicin ameliorating	
			pathophysiology of gastric cancer	
11.20 01.00		Ovel presentation assists I	av delegates	
11:30 - 01:00	Oral presentation session by delegates			
01:00 - 02:00		Working Lunch		

02:00 - 05:00	Second Session: Tradit	ional Medicine	Venue: Pushpagiri Hall
Chair: Prof. Shashikala R. Inamdar Co-Chair: Prof. D. K. Dhawan		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 UniversityDavangere	Title:Phytoceuticals of Anisomelesindicakuntze
04:00 - 04:15	Coffee Break		
04:15- 05:00	Oral presentation session by delegates		

05:15 -	- 06:15		Poster Evaluation	nn	
6:15 -		General Body Meeting of IABMS			
0.13 -		Dinner			
07.10	00.10	End of Day 2			
			17 th Nov 2018 (Day 3)		
09:00 -	01.00	Third Session: Tradition	` * *	Venue: Pushpagiri Hall	
			o-Chair: Prof.RajatSandhir	Rapporteur: Dr. I. K. Manjula	
09:00 -		Prof.Padmakumar K.	University of Kerala	Title: Marine derived Phytoceuticals	
07.00 -	07.30		Thiruvananthapuram	•	
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 -		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 -			Coffee Break		
11:00 -		LIBIOIL	Oral presentation session b	y delegates	
01:00 -		LUNCH			
	- 03:30	Award Session	9		
03:30 -	- 04:30	Valedictory Function	th		
			16 th Nov. 2018 (Day 2)		
07:30 -	- 08:30		Breakfast		
08:30 -	09:00		Conference Registration	(Day 2)	
09:00 -		First Session: Life Sty		Venue: Bramhagiri Hall	
				orteur: Mr. B.S.Srinath	
09:00 -		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	on by delegates		
01:00 -	02:00	LUNCH			
02:00 -	05:00	Second Session: Life S	tyle Diseases	Venue: Bramhagiri Hall	
Chair:	Prof.Su	bratha GhoshCo-Chair:		orteur: Dr. Ashwini Shetty	
02:00 -		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.	Presidency University, West	Title: Modulated protein diet with high
00.20 00.10	Mukhopadhyay	Bengal	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 l	
05:15 - 06:15		Poster Evaluation	o n
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 Styl		Venue: Bramhagiri Hall
Chair:Prof. Cl			Rapporteur: Dr.Maneemegalai
09:00 - 09:30	Prof. K. Kemparaju	University of Mysore, Mysuru	Title: In vitro 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 l	ov delegates
01:00 - 02:00	LUNCH	•	
02:00 - 03:30		Award Session	
03:30 - 04:30		Valedictory Funct	ion
]	16 th Nov. 2018 (Day 1)	
07:30 - 08:30		Breakfast	
08:30 - 09:00		Conference Registration	n (Day 2)
09:00 - 01:00	First Session: Biochemistry/Microbiology/ Genetics Venue: Hemavathi Hall		
		.D. Sakthisekaran Rapporte	
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,	Title:Infection & antimicrobial resistance:
		Manipal (Deemed) University,	Farm to fork -a global challenge

		Manipal	
11:30 - 12:00	Dr.Rekha P. D.	Yenepoya Research	Title:Association of urinary microbiome
11.30 - 12.00	Di.Rekha I . D.	Centre, Yenepoya (Deemed)	with urolithiasis: Cause or consequence?
		University, Mangalore	with dronandsis. Eduse of consequence.
12:00 - 01:00		Oral presentation session b	ov delegates
01:00 - 02:00	LUNCH	<u>, </u>	V
02:00 - 05:00		misrty/Microbiology/ Genetic	s Venue: Hemavathi Hall
	· · · · · · · · · · · · · · · · · · ·	r: Prof. D.C. Mathangi Rapp	
02:00 - 02:30	Prof. Girish K.S.	Tumkur University, Tumkur	Title:Berberine mitigates high glucose-
02100 02100			potentiated platelet aggregation and apoptosis by modulating aldose reductase
			and NADPH oxidase activity
02:30 - 03:00	Dr. K.	Central Food Technological	Title: Characterization of <i>listeria</i>
02.30 - 03.00	NeelakanteshwarPatil	Research Institute, Mysore	monocytogenesreca protein: implications
			in recombination and in antibiotic resistance
	D G "11 V		
03:00 - 03:30	Dr.Gurjith Kaur	Government Medical College and Hospital, Chandigarh	Title: Birth defects- its prevention and
	Prof.PrashanthaNaik	Mangalore University,	management Title: Ames Test- A rapid and Sensitive
03:30 - 04:00	1 101.1 Tashantharvark	Mangalore Oniversity,	Test for Mutagenicity, Carcinogenicity
03.30 04.00		Mangarore	and Genoprotective Studies
04:00 - 04:15		Coffee Break	
04:15 - 05:00	Oral presentation s	session by delegates	
05:15 - 06:15		Poster Evaluation	on
6:15 - 08:00		General Body Meeting of IA	
07:45 - 08:45		Dinner	
	l.	End of Day 2 (Day 2)	
		17 th Nov. 2018 (Day 3)	
09:00 - 01:00		nistry/Microbiology/ Genetics	Venue: Hemavathi Hall
		:Dr.Gurjit Kaur Rapporte	
09:00 - 09:30	Dr.K. Ashok Prabhu	Kasturba Medical College	Title: Title:Biomarkers – In health and
09.00 - 09.30	Di.K. Ashok Haohu	Manipal (Deemed) University	disease
		Mangalore Mangalore	discuse
09:30 - 10:00	Chandrashekhar G. Joshi	PG Centre, Mangalore	Title:Endophytes of traditional medicinal
		University	plants – a new source of novel medicine
10:00 - 11:00	Oral presentation sess	ion 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		
		16 th Nov. 2018 (Day2)	
07:30 - 08:30	Breakfast	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
08:30 - 09:00		Conference Registration	n (Day 2)
09:00 - 01:00	First Session: Drug Di	scovery & Development	Venue: Netravathi Hall
	l Marathe K. Co-Chair:Dr.		orteur: Dr.S. Ashwini
09:00 - 09:30	Dr.Nand K. Relan	Stony Brook University	Title: Applications of molecular imaging
07.00 - 07.30	Ziii imio IX, IXIIII	Medical Centre, Stony Brook,	in clinical management of disease
		New York, USA	processes
		new 10fk, USA	
09:30 - 10:00	Prof.Suresh K. Sharma	Punjah University Chandisonh	Title: Survival and logistic regression
U9:30 - 10:00	r 101. Sulesii K. Shafina	Punjab University, Chandigarh	Title: Survival and logistic regression techniques in Biomedical Sciences
			definiques in Dioniculear Sciences
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10:00 - 10:30	Dr.MausumiSikdar Bhakta	Presidency University, West Bengal	Title: Mangrove reduced silver nano particles: An effective alternative to	
	Dilakta	Dengai	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 b	y delegates	
01:00 - 02:00	LUNCH			
02:00 - 05:00	Second Session: Drug I	Discovery & Development	Venue: Netravathi Hall	
Chair: Prof.K.		air: Dr.Rekha P.D. Rappo	rteur: 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 so	ession by delegates		
05:15 - 06:15		Poster Evaluation	on	
6:15 - 08:00		General Body Meeting of IA		
07:45 - 08:45		Dinner		
		End of Day 2		
		17 th Nov. 2018 (Day 3)		
09:00 - 01:00	Third Session: Drug Di		Venue: Netravathi Hall	
Chair: Prof. V		: Dr. Santosh R. KanadeRapp	porteur: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	on by delegates		
01:00 - 02:00	LUNCH			
02:00 - 03:30	Award Session			
03:30 - 04:30	Valedictory Function	41-		
	1	16 th Nov. 2018 (Day 2)		
07:30 - 08:30	Breakfast			
08:30 - 09:00		Conference Registration	n (Day 2)	
09:00 - 01:00	First Session: AYUSH		Venue: SharavathiHall	

Chair: Prof.Raj	eshwarAchur Co-Chair:Pr	of. 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	Title:Herbal & allopathic drug	
0,000		& Hospital, Chandigarh	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.	The University of West Indies,	Title:Wound-healing activity of the skin	
	ShivanandaNayak	Trinidad & Tobago	of the common grape (Vitisvinifera)	
11:00 - 11:15		Coffee Break		
11:00 - 01:00	Oral presentation sessi	on by delegates		
01:00 - 02:00	LUNCH	ν Θ		
02:00 - 05:00	Second Session: AYUS	SH Venue: SharavathiHa		
Chair: Prof. S	<u> II</u>		Rapporteur: Dr.Sneha Rani. A.H.	
02:00 - 02:30	Dr. Gopal Marathe K.	University of Mysore, Mysuru	Title:Platelet activating factor receptor	
02.00 - 02.50	Br. Gopai Maraile It.	Chrysley of Wysore, Wysuru	antagonist(s) from Tylophoraasthmatica	
			and a second control of the second control o	
02:30 - 03:00	Dr.Rajesh A. Udapudi	JSS Ayurveda Medical College	Title: A clinical study on the management	
		& Hospital, Mysuru.	of sthaulya (obesity) through	
		<u> </u>	erandamūlādilekhanabasti with	
			navakaguggulu	
03:00 - 03:30	Dr. Santosh Kumar J.	Karnataka Ayurveda Medical	Title:Less explored dimensions of	
		College, Mangalore	phytoceuticals in Indian medicine	
	D 01 10 1 1	100 1 10 11 10 11	TOTAL A CCT C. 1	
03:30 - 04:00	Dr.ShivanandGavimath	JSS Ayurveda Medical College	Title: An efficacy of phytoceutically	
		& Hospital, Mysuru.	potent selective classical single drug therapy "ekamoolikaprayoga" in the	
			management of ophthalmic and Ent	
		ಿಯ ವಿಶ್ವವಿದ್ಯಾಕ್	manifestations – An Ayurveda	
		್ಯಾನವೇ - ಬೆಳ್ಡ್ನ	perspective	
		No.	perspective	
04:00 - 04:15		Coffee Break		
04:15 - 05:00		Oral presentation session b		
05:15 - 06:15		Poster Evaluation	on	
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				
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. Udapudi, 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, Jnana Kaveri Post Graduate Centre, Mangalore University, Chikka Aluvara, 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









