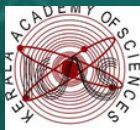


## International Seminar



on



# Plant Chemistry, Gene Prospecting and Clinical Biology

Organized by

Kerala Academy of Sciences  
Thiruvananthapuram

&

Department of Chemistry  
Mar Ivanios College,  
Thiruvananthapuram

10<sup>th</sup> and 11<sup>th</sup> November, 2022  
Venue: Mar Ivanios College

## Kerala Academy of Sciences (KAS)

KAS is a premier professional body of Scientists, Academicians, and Technocrats in Kerala, established in 1989. KAS has been active in science popularization, inculcating scientific temper among the young generation of Kerala, fulfilling the Scientific Social Responsibility through its multifarious activities ever since its inception. The academy has 13 Hon. Fellows, 68 Fellows and more than 600 Life Members, KAS conducts endowment lectures, seminars, workshops and science popularization lectures throughout the State of Kerala. The International Seminar on Phytochemistry and associated Hisham Endowment Award is one of the most important annual events of the Academy.

## Mar Ivanios College (MIC)

Mar Ivanios College is an educational institution situated in Thiruvananthapuram, Kerala. The College is located on a small scenic hilltop with a sprawling campus area of hundreds of acres in Bethany Hills, Nalanchira. The College is the dream child of the Late Archbishop Servant of God Mar Ivanios of the Syro-Malankara Catholic Church. The motto of the College is 'Veritas Vos Liberabit' which means 'Truth shall Liberate You'. The College is a pioneering institution of higher education in Kerala since 1949 and has been reaccruited (Fourth cycle) with A+ grade by NAAC with 50th rank in NIRF-2022. The College was granted autonomous status by the University Grants Commission in 2014. The Chemistry Department started in 1957 and offers UG, PG courses and is an approved research centre of the University of Kerala.



Prof. Dr. A. Hisham  
Endowment Award Function

An Endowment Award in Phytochemistry has been instituted under the aegis of KAS from 2015 onwards, to commemorate the contributions of the late Prof. Abdul Khader Hisham (1957-2014), an eminent academician and an internationally reputed phytochemist.



Prof. Dr. G. M. Nair  
President  
Kerala Academy of Sciences  
(Presidential Address)



Dr. Rekha A. Nair  
Director  
Regional Cancer Centre (RCC)  
Thiruvananthapuram  
(Inaugural Address)



Prof. (Dr.) Kholis Abdurachim Audah  
Swiss German University, Indonesia  
(Keynote Address)



Prof. (Dr.) Jayantha Wijayabandara  
University of Sri Jayewardenepura,  
Sri Lanka  
(Prof. Hisham Endowment Lecture)



Prof. (Dr.) K. P. Mohanakumar  
IUCBR & SSH  
MG University, Kerala, India  
(Keynote Address)



Dr. Vinod Scaria  
CSIR- Institute of Genomics and  
Integrative Biology,  
New Delhi, India  
(Theme Presentation)



Dr. Tripti Mishra  
CSIR-NIIST, Thiruvananthapuram  
(Prof. Hisham Awardee - 2022)



Ms. Biji M.  
CSIR-NIIST, Thiruvananthapuram  
(Prof. Hisham Awardee - 2022)

# Programme Schedule

## Day 1 (10.11.2022)

Registration	: 9.00 am-9.30 am
Inaugural Session	: 9.30 am to 11.00 am
Welcome Address	: Dr. Suju C. Joseph HoD, Dept. of Chemistry, Mar Ivanios College
About the Seminar	: Dr. K. B. Rameshkumar General Secretary, KAS
Presidential Address	: Prof. Dr. G. M. Nair President, KAS
Principal's Address	: Prof. (Dr). Jijimon K. Thomas Principal, Mar Ivanios College
Inaugural Address	: Dr. Rekha A. Nair Director, Regional Cancer Centre (RCC)

Felicitations : Dr. Shirley Stewart  
Vice Principal, Mar Ivanious College

Rev. Fr. Soji Mathew Muruppel  
Busar, Mar Ivanious College

Dr. K. G. Ajithkumar  
Former General Secretary, KAS

Guests of Honour	: Prof. (Dr.) Kholis Abdurachim Audah Swiss German University, Indonesia
	: Prof. (Dr.) Jayantha Wijayabandara University of Sri Jayewardenepura, Sri Lanka

Word of Thanks : Dr. Sonia Mol Joseph,  
Dept. of Chemistry, Mar Ivanios College

Tea break : 11.00 am to 11.15 am

### Technical Session I

Chair : Prof. Dr. G. M. Nair  
President, KAS

Keynote address : 11.15 pm to 12.00 pm

Speaker : Dr. Kholis Abdurachim Audah  
Swiss German University, Indonesia

Topic : Natural Products Library - An Essential tool for Accelerating Drug Discovery Process

Theme presentation : 12.00 pm to 12.45 pm

Speaker : Dr. Vinod Scaria  
CSIR- Institute of Genomics and Integrative Biology, New Delhi, India

Topic : Genomics for public health- From gene prospecting to impacting patients and communities.

Lunch Break : 12.45 pm to 1.30 pm

### Technical Session II (Parallel Session-Phytochemistry)

Chair : Dr. K. V. Radhakrishnan  
CSIR - NIIST, Tvpm

Co - chairs : Dr. Joseph Mathew  
Assoc. Professor (Retd), MIC

Dr. Bindu R. Nair  
Uty of Kerala, Kariavattom, Tvpm

Oral Presentations (Phytochemistry) : 1.30 pm to 5.30 pm

### Technical Session III (Parallel Session-Phytopharmacology)

Chair : Dr. K. G. Raghu  
CSIR - NIIST, Tvpm

Co-Chairs : Dr. Priya S.  
CSIR - NIIST, Tvpm

Dr. Shashidar B. S.  
CSIR - NIIST, Tvpm

Oral Presentations (Phytopharmacology) : 1.30 pm to 5.30 pm

## Day 2 (11.11.2022)

### Technical Session IV (Clinical Biology & Pharmacology)

Chairpersons : Dr. P. V. Mohanan  
SCTIMST, Tvpm

Dr. Annie Abraham  
Retd. Professor, Dept. of Biochemistry  
Uty of Kerala, Tvpm

Keynote Lecture : 10.00 am to 10.45 am

Speaker : Prof. (Dr.) K. P. Mohanakumar  
IUCBR & SSH, MG University  
Kottayam, Kerala

Topic : Perspectives in Clinical Biology

Oral Presentations (Clinical Biology & Pharmacology) : 11.00 am to 1.00 pm

Tea break : 10.45 am to 11.00 am

### Technical Session V (Parallel Session-Genomics)

Chair : Prof. Shivakumar Kailasam  
ICMR - Emeritus Scientist  
Dept. of Biotechnology, Uty of Kerala, Tvpm

Co-Chair : Dr. Sreejith P.  
Uty of Kerala, Kariavattom, Tvpm

Oral Presentations (Genomics) : 11.00 am to 1.00 pm

Lunch break : 1.00 pm to 1.30 pm

### Technical Session VI

Prof. Dr. A. Hisham Endowment Award Session  
(1.30 pm to 3.30 pm)

Welcome : Mrs. Alpha Hisham  
Wife of late Prof. Dr. A. Hisham

Commemorating Prof. Dr. A. Hisham : Dr. Sumol Varghese  
Assoc. Professor & Head (Retd.)  
Department of Chemistry, MIC

Presidential Address : Prof. Dr. G. M. Nair  
President, KAS

Prof. Dr. A. Hisham  
Endowment Lecture : 2.15 pm to 3.00 pm

Speaker : Prof. (Dr.). Jayantha Wijayabandara  
University of Sri Jayewardenepura,  
Sri Lanka

Topic : How to explore phytochemical space to discover preventive therapeutics?

Prof. Dr. A. Hisham  
Endowment Award Presentation : Prof. (Dr.) P. Sudakaran  
Former President, KAS

Presentation by the  
Endowment Awardees : 3.00 pm to 3.30 pm

Word of Thanks : Dr. K. Vijayakumar  
Treasurer, KAS

Tea Break : 3.30 pm to 3.45 pm

Valedictory Session : 3.45 pm to 4.00 pm

Welcome Address : Dr. Sony George  
Dept. of Chemistry, MIC, Tvpm

Valedictory Address and  
Distribution of Best  
Presentation Awards : Dr. B. Sabulal  
Director, KSCSTE- JNTBGRI, Tvpm

Word of Thanks : Dr. K. G. Ajithkumar  
Former General Secretary, KAS

### Organizing Secretaries

Dr. Suju C. Joseph, MIC  
Dr. K. B. Rameshkumar, JNTBGRI

### Conveners

Dr. Sonia Mol Joseph, MIC  
Dr. Sony George, MIC

### Co - conveners

Dr. K. G. Ajithkumar, KAS  
Dr. P. Sreejith, Uty of Kerala  
Dr. B. Sruthy, JNTBGRI

### Committees

#### Reception

Dr. C. Suju Skaria  
Dr. Victoria P. K.  
Dr. Suja Mathai

#### Venue

Dr. R. Selwin Joseyphus  
Dr. Rejitha L. R.

#### Food & Accommodation

Dr. Jinu M. John  
Ms. Binimol Mary Mathew  
Ms. Saisree S.

#### Contact

Ph: 9633078868, Email: suju.joseph@mic.ac.in  
Ph: 9446476431, Email: isphytochem2022@gmail.com

#### Registration

Dr. Bindu Alex  
Dr. Lini N.  
Dr. Lija L.

#### Technical

Dr. Sajith Kurian  
Dr. Rabin Rajan