

understand the molecular mechanisms underlying Ayurvedic practices, validate its principles, and develop personalized Ayurvedic interventions.

Ayurveda and Microbiome Research:

Investigating the impact of Ayurvedic interventions on the gut microbiome, including the modulation of microbial diversity, interactions between gut bacteria and Ayurvedic herbs, and the role of the microbiome in Ayurvedic disease management.

Ayurvedic Lifestyle Interventions:

Examining the biological mechanisms

behind Ayurvedic lifestyle practices, including daily routines (dinacharya), seasonal regimens (ritucharya), and rejuvenation therapies (rasayana), and their impact on physiological processes and health outcomes.

Ethnobotany and Traditional Knowledge:

Highlighting the scientific exploration of traditional knowledge and Ayurvedic wisdom regarding medicinal plants, including ethnobotanical surveys, phytochemical analysis, and conservation efforts.

Call for Papers and Posters

The Abstracts can be submitted online through www.gafindia.org. Submission in any other form will not be accepted. Registration of one of the authors is mandatory for acceptance of the abstract.

For guidelines on the preparation of abstracts please visit www.gafindia.org. All submitted abstracts will be reviewed by the Academic Committee, which will also decide the mode of presentation as to oral or poster. Authors will be notified of the acceptance by e-mail. All oral presentations will get 6 minutes for presentation and 2 minutes for discussion. Template for poster presentation will be available in www.gafindia.org. The posters should be submitted in PDF format.

Important Deadlines

Last date for submission of Abstracts	: Oct 15 th , 2023
Communication for acceptance of papers	: Oct 25 th , 2023
Last date for submission of Full paper	: Nov 10 th , 2023
Last date for Registration for paper Presentation	: Nov 15 th , 2023

Registration Tariff

	INDIAN	FOREIGN
General Registration for GAF-Ayurveda Biology alone	2000 INR	100\$

* 18% Tax GST Extra

Mode of Payment

The payments should be made online through payment options available in the website www.gafindia.org. In case of difficulty in making online payment, it can be made through DD/Bankers Cheque in the name of "Global Ayurveda Festival" payable at Thiruvananthapuram, Kerala.

Account Name	: Global Ayurveda Festival
Account Number	: 67164122719
Bank	: State Bank of India
Branch	: Vellayambalam Branch, Thiruvananthapuram-695010
IFSC	: SBIN0070308

HIGHLIGHTS

5 DAYS	75 COUNTRIES	7500 DELEGATES
750 RESEARCH PAPER PRESENTATIONS	750 POSTER PRESENTATIONS	500 STALLS

Organising Committee ABC

Chairperson

Dr. Radhakrishnan KV
Chief Scientist & Head, Chemical Sciences and Technology Division
CSIR - National Institute for Interdisciplinary Science and Technology Industrial Estate, Thiruvananthapuram

Joint Convenors

Dr Rajmohan V
Associate Professor, Government Ayurveda College, Thiruvananthapuram

Dr. K. B. Rameshkumar
Principal Scientist, Phytochemistry and Phytopharmacology Division
KSCSTE-JNTBGRI, Palode, Thiruvananthapuram

Organising Secretary

Dr.Sreejith.P
Honorary Director, Advanced Centre for Regenerative Medicine and Stem Cell Research in Cutaneous Biology (AcREM-Stem), University of Kerala

Co-ordinator

Sujith Eranezhath
Asst. Director & Scientist,
AVP Research Foundation,
Coimbatore

Team Member

Dr. Vinodkumar M V
Professor , VPSV Ayurveda College, Kottakkal, Malappuram, Kerala

Dr.P.P. Pradeep Kumar
Research Officer (Ayu)
National Ayurveda Research Institute For Panchakarma, CCRAS, Cheruthuruthy,

Dr. Sulaiman C T
Senior Scientist, Center for Medicinal Plants Research, Arya Vaidya Sala Kottakkal

Dr. Chethala N Vishnuprasad
Asso. Professor & Program Coordinator, M.Sc Life Science (Ayurveda Biology), The University of Trans-Disciplinary Health Sciences and Technology (TDU), Bengaluru, Karnataka.

Dr. Ratheesh M
Assistant Professor
Department of Biochemistry
St. Thomas College, Palai,

Dr. P. Shabeel Ibrahim
Puliyampatta Vaidyasala LLP, Wayanad

Dr. Darsan B. Menon
Assistant Professor,
(ICEIB), University of Kerala, Thiruvananthapuram

Dr. Chaithanya C
Ayurveda Physician
Clinical Research Expert
LYBL Healthcare Technology
New Delhi

Dr. Sruthy B
Project Fellow
Phytochemistry and Phytopharmacology Division
KSCSTE-JNTBGRI Thiruvananthapuram Kerala

Dr. Tony Thomas
Kallanpally Pharmaceuticals, Palakkad



Address for communication

5th GLOBAL AYURVEDA FESTIVAL
CISSA, USRA-146, Udarasiromani Road, Vellayambalam,
Sasthamangalam PO, Thiruvananthapuram-695010, Kerala
Tele : +91471- 2722151, www.gafindia.org

General
Email : info@gafindia.org
+91 94472 05913
+91 88911 69754

Seminar
Email : seminar@gafindia.org
+91 88911 69730,
+91 88911 69728

Exhibition
Email : cxhibition@gafindia.org
+91 88911 69731

Sponsorship
Email : sponsors@gafindia.org
+91 94471 60480 +91 94472 05913,
+91 94482 78900



5th GLOBAL AYURVEDA Festival Kerala

December 1-5, 2023

Greenfield International Stadium
Thiruvananthapuram, Kerala, India



Satellite Event

2023
December
2-3

GAF- Ayurveda Biology Conclave

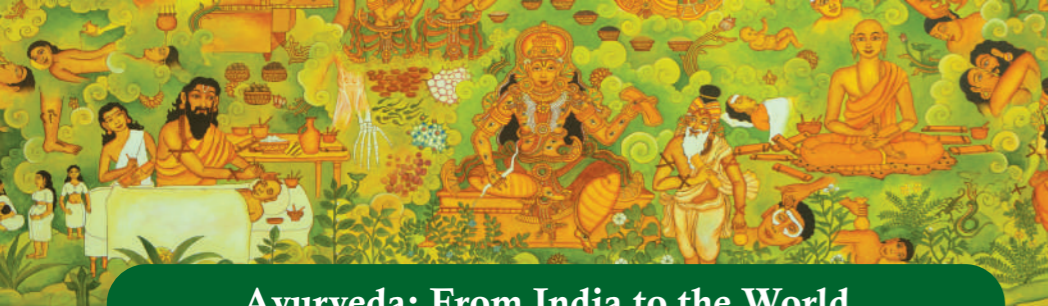
Largest Interdisciplinary Gathering of Professionals
and Students of Ayurveda and Modern Biology



GAF- ABC
Ayurveda Biology Conclave

CONTACT
+91 9994467955
+91 9400123742

EMAIL
abc@gafindia.org



Ayurveda: From India to the World GAF: Opening the World to New Possibilities

Dear Friends

Greetings from Global Ayurveda Festival !

Global Ayurveda Festival – GAF 2023 A Platform to Celebrate India's Healing Wisdom – is being organized from **1st to 5th December** at Greenfield International Stadium, Kariavattom Thiruvananthapuram, Kerala, with the focal theme: **“Emerging Challenges in Healthcare & a Resurgent Ayurveda”**.

GLOBAL AYURVEDA FESTIVAL (GAF) is recognised as an essential event of global repute, due to the purity of the intention it has behind and the immense impact it has upfront. The trust and encouragement the Ayurveda community bestows on us make us ready for the 5th edition of GAF – with the same mission and a renewed vision. GAF 2023 aims to convincingly position Ayurveda's healing potentials, by showcasing its conceptual foundation and infinite application possibilities, by reaching out to the health - seeking global mankind, and by readying young physicians through words, visuals, and wisdom to promote Ayurveda as a system of medicine effective enough to address emerging healthcare challenges. It provides a platform to further the knowledge, facilitate research initiatives, formalize collaborations, firm up policies and to familiarize with global players and processes.

Chief Patron
Shri.Pinarayi Vijayan
Chief Minister of Kerala

Patrons
Shri.Sarbananda Sonowal
Union Minister for AYUSH,
Govt. of India

Smt.Veena George
Minister for Health and Woman and
Child Development, Govt. of Kerala

Shri.V. Sivankutty
Minister for General Education &
Labour, Government of Kerala

Dr. Munjpara Mahendrabhai
Minister of State (ic) for AYUSH,
Govt. of India

Dr. Shashi Tharoor, MP

Shri.Kadakampally Surendran,MLA

Vaidya Rajesh Kotecha
Secretary for AYUSH,
Govt. of India

Dr. P Madhavankutty Varier
Managing Trustee
Arya Vaidya Sala Kottakkal

Chairman
Shri.V. Muraleedharan
Minister of State for External Affairs
& Parliamentary Affairs, Govt. of India

Working Chairman
Dr. G.G.Gangadharam
+91 94482 78900

Secretary General
Dr.C.Sureshkumar (Triveni)
+91 94471 60480

General Convenor
Dr.V.G.Udayakumar
+91 85477 20163

Chief Co-ordinator
Dr.C.Sureshkumar
+91 94472 05913

Organising Secretaries
Dr. Vishnu Nampoothiry
+91 98470 48218

Dr.S.Venu
+91 94003 65648

**DEC
2-3
2023**

GAF – Ayurveda Biology Conclave

The GAF Ayurveda Biology Conclave is a satellite event associated with the Global Ayurveda Festival Kerala and the event aims to bring together experts, researchers and students from the fields of Biochemistry, Molecular Biology, Microbiology, Biotechnology, Pharmacy and Ayurveda to explore the scientific basis of Ayurveda and its potential applications in modern biology. The conclave will cover a range of topics related to Ayurveda and modern biology, over two days in two tracks '**Ayurveda For Modern Biology**' & '**Modern Biology For Ayurveda**'. Both perspectives aim to bridge the gap between Ayurveda and modern biology, but they differ in their starting

points and approaches. Ayurveda for Modern Biology begins with Ayurveda and seeks to contribute to modern biology, while Modern Biology for Ayurveda starts with modern biology and seeks to enrich Ayurveda with scientific evidence and methodologies.

There will be **5 plenary** talks on each track followed by **paper presentations** and **poster presentations** by the researchers and students working on aspects related to Ayurveda Biology.

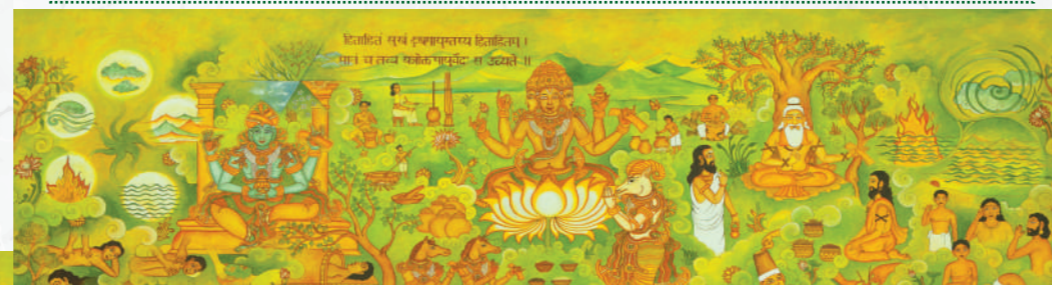
The conclave will also provide a platform for discussions on research methodologies, collaborations, and funding opportunities in the intersection of Ayurveda and biology.

Track I Ayurveda for Modern Biology (Day I)

Ayurveda for Modern Biology refers to the application of Ayurvedic principles and practices in the context of modern biological research and understanding. It involves using the wisdom and knowledge of Ayurveda to inform and enhance modern biological studies, including areas such as genetics, physiology, pharmacology, and healthcare. Ayurveda for Modern Biology emphasizes leveraging Ayurvedic knowledge and practices to contribute to modern biological research and understanding. It recognizes the value of traditional wisdom and aims to find scientific explanations and applications for Ayurvedic concepts.

SUB THEMES

- Ayurvedic Concepts and Molecular Biology
- Ayurvedic Pharmacology and Drug Discovery
- Ayurveda and Mind-Body Medicine
- Ayurveda in Dietetics and Nutrition
- Integrative Approaches in Healthcare



Ayurvedic Concepts and Molecular Biology:

Studies related to exploring the molecular mechanisms underlying Ayurvedic concepts such as doshas, prakriti, and the impact of Ayurvedic interventions on gene expression and cellular pathways.

Ayurvedic Pharmacology and Drug Discovery:

Exploring the potential of Ayurvedic herbs and formulations in drug discovery, including bioactive compounds, synergistic effects, and the integration of traditional knowledge with modern pharmacological approaches.

Ayurveda and Mind-Body Medicine:

Investigating the mind-body connection in Ayurveda, including the role of meditation, yoga, and mindfulness practices in promoting health and well-

being from a biological perspective. Possibility of integrating psychology and psychiatric methods in Ayurveda and allied sciences on modern understanding and improving the methods of the research.

Ayurveda in Dietetics and Nutrition:

Examining the principles of Ayurvedic dietetics and their scientific basis, including the impact of Ayurvedic nutrition on gut health, metabolism, and overall well-being.

Integrative Approaches in Healthcare:

Examining the integration of Ayurveda with modern healthcare systems to promote holistic approaches to patient care, including the use of Ayurvedic principles in personalized medicine and integrative therapies.

Track II Modern Biology for Ayurveda (Day II)

Modern Biology for Ayurveda refers to the integration of modern scientific methodologies and technologies into Ayurvedic research and practice. It involves using modern biological research tools, such as molecular biology, biochemistry, and clinical trials, to validate and explore the efficacy of Ayurvedic principles, herbs, and therapies. Modern Biology for Ayurveda involves adopting modern scientific methods and tools to study and validate Ayurvedic practices. It seeks to establish evidence-based approaches to support Ayurveda and integrate it with modern medicine.

SUB THEMES

- Validation of Ayurvedic Practices
- Multi-omics and Ayurveda
- Ayurveda and Microbiome Research
- Ayurvedic Lifestyle Interventions
- Ethnobotany and Traditional Knowledge

Validation of Ayurvedic Practices:

Presenting scientific studies that validate the efficacy and safety of Ayurvedic treatments, therapies, and herbal formulations using modern biological research methods, including clinical trials and laboratory investigations.

Multi-omics and Ayurveda:

Multi-omics and Ayurveda represent the fusion of modern biological techniques with traditional Ayurvedic knowledge. By utilizing genomics, transcriptomics, proteomics, metabolomics, and epigenomics, researchers aim to