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.

#### Data-science in Ethnobotany and Traditional Knowledge

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

# Call for Papers and Posters

GAF- ABC

**CONTACT** 

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Ayurveda Biology Conclave

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

Registration Tariff		
General Registration for GAF-Ayurveda Biology alone	INDIAN	FOREIGN
	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

Thiruvananthapuram-695010

: Vellayambalam Branch,

**IFSC** SBIN0070308

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

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Principal Scientist, Phytochemistry and Phytopharmacology Division KSCSTE-JNTBGRI, Palode, Thiruvananthapuram

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December 1-5, 2023

Greenfield International Stadium Thiruvananthapuram, Kerala, India





















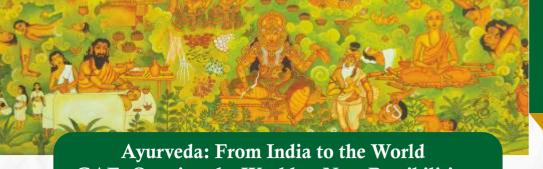
Ayurveda Conclave

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









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 1<sup>st</sup> to 5<sup>th</sup> **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.

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# **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** being from a biological perspective. **Biology:** Possibility of integrating psychology and

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-

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
- > Multiomics and Ayurveda
- > Ayurveda and Microbiome Research
- > Ayurvedic Lifestyle Interventions
- Data-science in 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