



सत्यमेव जयते

Supported by
Ministry of AYUSH



Savitribai Phule
Pune University



INTERNATIONAL
CONFERENCE

AYUSH FOR FUTURE HEALTH CHALLENGES

STRENGTHENING TRANS-DISCIPLINARY RESEARCH

28th - 30th November 2019

Organized by
AYUSH Center of Excellence
Ramkumar Rathi Patanjali Yoga Chair
Savitribai Phule Pune University, Pune, India

Venue
NCCS Auditorium
SPPU Campus
Pune – 411 007

AYUSH for future health challenges: Strengthening trans-disciplinary research

The Center for Complementary and Integrative Health (CCIH) established at the Savitribai Phule Pune University (SPPU) is actively involved in promotion of integrative health approaches to strengthen public health through research, teaching, training, and advocacy. Recognizing these efforts, the Ministry of AYUSH, Govt. of India has awarded a Center of Excellence (CoE) to SPPU, which is engaged in research and training activities. The CoE is working on Ayurveda-based adjuvants, establishing collaborative consortia, training in integrative health, and development of epistemology sensitive research methods based on foundations of AYUSH systems. The University has also established the Ramkumar Rathi Patanjali Yoga Chair for boosting Yoga research. The AYUSH CoE and the RR Patanjali Yoga Chair, together, invite you for the international conference on 'AYUSH for future health challenges: Strengthening trans-disciplinary research'. After successful organization of 'National Symposium on AYUSH Research for New India: Vision and Strategies' in 2017 and 'National Symposium on Creating Conducive Environment for Ayurveda Research' in 2018, the present conference aims at strengthening trans-disciplinary research through networking and capacity building for AYUSH sector.

ABOUT THE CONFERENCE

Considering the present and future health challenges, AYUSH researchers need to keep pace with the advancing research. The interaction with various knowledge disciplines can provide rich academic ambience to nurture ideas and thoughts. The conference addresses these needs by aiming at capacity building and creating a global network for research in the areas of AYUSH, natural products, integrative health, mind-body medicine, and public health.

Day 1: Thursday, 28th November 2019 (2:30PM - 5:30PM)

A special session on "**Grant Writing for AYUSH Projects**" will provide an overview of national and international funding opportunities, preparations for proposal writing, guidance on translating ideas into research proposals. Experts from funding agencies and senior scientists will participate in the session as resource persons.

Thematic sessions

The conference has various parallel thematic sessions as mentioned below. The participants will get an opportunity to interact with experts working in these areas. Each session will provide a status update, evolving methods, case studies, and experience sharing by senior scientists. The participants can select and attend one of these sessions every day.

Day 2: Friday, 29th November 2019 (9:30AM - 6:00PM)

- Inauguration and key note address
- Plenary session on AYUSH strengths for addressing present and future health challenges, potential of AYUSH based therapeutic adjuvants for cancer
- Musical Evening: "*Nadanusandhan- Bliss through Peace*"
The divine journey towards the path of salvation with complete harmony of mind, body, and soul through the ultimate extravaganza of classical dance and music. The most memorable evening by wonder couple Vaidya Dhananjay Daithankar (*Santoor*) and Dr Swati Daithankar (Dance), with Mr Ninad Daithankar (*Santoor*), Vaidya Rajendra Doorkar (Drums fusion), Mr Rohit Kulkarni (Synthesizer), Mr Sameer Puntambekar (*Tabla*) with others.

Thematic Sessions

| Session code | Themes |
|--------------|--|
| 1.1 | Ayurvedic Biology and study designs - I Use of <i>in vitro</i> and <i>in vivo</i> models for AYUSH research, clinical evaluation of AYUSH interventions, interdisciplinary research models for AYUSH concepts |
| 1.2 | AYUSH informatics and data science Initiatives in AYUSH informatics, electronic health records, National AYUSH Morbidity and Standardized Terminologies Electronic (NAMASTE) portal, applications of data science for clinical practice and research |
| 1.3 | AYUSH and Epidemiology Concepts and tools of epidemiology in health research, pharmaco-epidemiology, clinical epidemiology, and qualitative studies for AYUSH research |

Day 3: Saturday, 30th November 2019 (9:30 AM – 6:00 PM)

- Yoga and heritage walk in SPPU campus
- Plenary session on AYUSH for non-communicable diseases
- Panel discussion on AYUSH research for future health challenges
- *Traditions for Generations: School students' interaction with experts*

Thematic Sessions

| Session code | Themes |
|--------------|--|
| 2.1 | Ayurvedic Biology and study designs - II Omics technologies- AyuGenomics, epigenomics, microbiome, case studies of Ayurvedic Biology |
| 2.2 | Clinical outcomes in research and practice Clinical documentation, evaluation of clinical outcomes in AYUSH practice and research, use of visual analogue scale, patient reported outcomes, use of specific quality of life scales for various clinical situations |
| 2.3 | Analytical techniques and drug interactions Use of analytical techniques (FACS, chromatography, TLC, HPTLC, HPLC, LCMS/MS, NMR and other hyphenated techniques) for PK-PD modelling and herb-drug-disease interactions |
| 2.4 | Yoga Conclave Yoga for health promotion, Ayur-Yoga, <i>Satvavajaya</i> , Yoga Biology, Research methods for Yoga |

WORKSHOP ON META-RESEARCH AND EVIDENCE-BASED MEDICINE

Sunday, 1st December 2019 (10:00 AM - 4:30 PM)

This workshop will provide understanding of fundamental concepts, methods and tools of evidence-based medicine (EBM) to participants in various areas of AYUSH and health research. The workshop also aims at preparing the participants to understand role of evidence in clinical decision-making, critically appraise evidence and undertake a systematic review and meta-analysis. The sessions will address designs of pre-clinical, interventional, and observational studies with a special emphasis on clinical case series. It will also address the role of randomized controlled trials and meta-research (including systematic reviews of pre-clinical and observational studies). The workshop will be conducted by **Dr Rahul Mhaskar**, Director for the Office of Research, Innovation & Scholarly Endeavors, University of South Florida, USA. **(Limited seats. Separate registration is required.)**

REGISTRATION DETAILS

| Program Specifications | Students | Faculty | Industry Representatives |
|--|-----------------------------|----------|--------------------------|
| Early bird registration - Last date: 31 st October 2019 | INR 2500 | INR 3000 | INR 3500 |
| Registration- From 1 st – 27 th November 2019 | INR 3000 | INR 3500 | INR 4000 |
| Workshop on 'Meta-research and Evidence-based Medicine'. Last date: 31 st October 2019 | Conference Delegates | | Only Workshop |
| | INR 1000 | | INR 1500 |

Registration fees may be waived off for 10 post-graduate students and participants from SAARC countries if their abstract is selected. For registration, follow the link <https://events.unipune.ac.in> Please specify the session code while registering.

POSTER SESSION

Interested participants can e-mail (ccih.shs@gmail.com) their abstracts (300 words in MS-word in Times New Roman with font size 12 and 1.5 spacing) on the following themes by 31st October 2019.

- **AYUSH and therapeutic adjuvants**
- **Study designs for Yoga research**
- **Preclinical models for AYUSH research**
- **Clinical outcomes in research and practice**
- **Analytical techniques for AYUSH research**
- **AYUSH and epidemiology**
- **Ayurveda Biology**
- **AYUSH Informatics**

- Abstract should include background, objectives, material and methods, results and discussion.
- Please e-mail the abstract with subject as 'Abstract for Poster Presentation'.
- Selected abstracts may get published in Journal of Ayurveda and Integrative Medicine (J-AIM).

KEY SPEAKERS

National

- **Vaidya Rajesh Kotecha**
Secretary, Ministry of AYUSH, Govt. of India, New Delhi, India
- **Prof Bhushan Patwardhan**
Vice Chairman, University Grants Commission, New Delhi, India
- **Dr Vijay Bhatkar**
Chancellor, Nalanda University, Nalanda, India
- **Prof Darshan Shankar**
Vice Chancellor, Trans-disciplinary University, Bangalore, India
- **Dr Ashok Vaidya**
Research Director, KHS-Medical Research Centre, Mumbai, India
- **Dr Ashok Kukade**
Founder, Vivekanand Hospital & Research Center, Latur, India
- **Dr Sadanand Sardeshmukh**
Integrated Cancer Treatment & Research Centre, Pune
- **Dr Arvind Chopra**
Director, Center for Rheumatic Diseases, Pune, India
- **Dr Chaitanyanand Koppiker**
Director, Prashanti Cancer Care Mission, Pune, India

PATRONS

- **Prof Nitin Karmalkar**
Vice Chancellor, Savitribai Phule Pune University, Pune
- **Dr Manoj Kumar Bhat**
Director, National Centre for Cell Science, Pune

SCIENTIFIC ADVISORY COMMITTEE (AYUSH CoE)

- **Dr Vishwa Mohan Katoch**
Former DG, ICMR and Former Secretary, DHR, New Delhi
- **Dr Madhaw Singh Baghel**
Former Professor, Gujarat Ayurved University, Jamnagar'
- **Dr Manoj Nesari**
Advisor, Ministry of AYUSH, Govt. of India, New Delhi
- **Prof Vd K S Dhiman**
DG, Central Council for Research in Ayurvedic Sciences, New Delhi

International

- **Dr Suresh Ambudkar**
Deputy Chief,
Laboratory of Cell Biology, NCI-NIH, Bethesda, USA
- **Dr Julia Arnold**
Senior Scientist,
Bethesda, USA
- **Dr Govind Ragupathi**
Scientist, Memorial Sloan Kettering Cancer Center,
New York, USA
- **Dr Rahul Mhaskar**
Professor, University of South Florida, Florida, USA
- **Dr Dennis Chang**
Professor, NICM Health Research Institute, Sydney, Australia
- **Dr Ping Chung Leung**
Emeritus Professor, The Chinese University of Hong Kong,
Hong Kong

CONVENOR

- **Dr Aarti Nagarkar**
Director,
Interdisciplinary School of Health Sciences,
Savitribai Phule Pune University, Pune

ACADEMIC PARTNERS



CoE COLLABORATIVE NETWORK



Memorial Sloan Kettering
Cancer Center.



Prashanti Cancer Care Mission
Reaching out with excellence



SCHOOL OF LIFE SCIENCES
MANIPAL
(A constituent unit of MAHE, Manipal)

CONTACT US

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