

NATIONAL SEMINAR  
ON

**"HERBAL DRUG THERAPY AGAINST  
NEUROLOGICAL DISEASES :  
RECENT ADVANCES AND CHALLENGES"**

14<sup>th</sup> & 15<sup>th</sup>  
DECEMBER 2017

Sponsored by  
Indian Council of Medical Research (ICMR)  
New Delhi



ORGANIZED BY :  
St. James College of Pharmaceutical Sciences,  
St. James Medical Academy  
Chalaky - 680307, Thrissur District, Kerala





## ABOUT ST JAMES COLLEGE OF PHARMACEUTICAL SCIENCES (SJCOPS)

St. James College of Pharmaceutical Sciences was established in 2004 with noble objectives of imparting quality education by St. James Hospital Trust under Catholic Diocese of Irinjalakuda, which has acquired a unique position in providing quality education in diverse fields. The College of Pharmacy is groomed to an excellent centre of learning in Pharmaceutical Sciences and one of the best pharmacy college in the state of Kerala. St. James College of Pharmaceutical Sciences (SJCOPS) was blessed by Mar. James Pazhayattil (Late), first Bishop of Irinjalakuda Diocese. The St James College of Pharmaceutical Sciences is headed by Patron Rt. Rev. Dr. Pauly Kannookkadan and Director, Fr. Varghese Pathadan, Associate Director, Fr. Lijo Kongoth and other Associate Directors. St James College of Pharmaceutical Sciences offers B.Pharm, Pharm.D, Pharm.D (Post-Baccalaureate), M.Pharm in Pharmaceutical Chemistry, Pharmaceutical Analysis, Pharmacy Practice and Pharmaceutics and Ph.D. The Department of Pharmacy Practice at St James Hospital in Chalakudy has been actively involved in teaching, training, research and advocacy in pharmacovigilance in this region. The department is having patient counselling centre and maintain the register for adverse drug reaction-monitoring in the department actively. SJCOPS offers graduate, post-graduate and research programs in the field of clinical and pharmaceutical sciences through its research centre (St James Hospital Trust Pharmaceutical research Centre (DSIR Recognized Reg. No: 14/639/2013-TU-V-TU-V). In addition to being committed to high quality professional education, the SJCOPS is also involved in research to support social and economic advancement.

### Objective of the Seminar

The prevalence of neurodegenerative diseases is increasing due to rapidly aging population around the world and it is projected that by 2040 they would exceed neurodegenerative disorders. The important documents has been published by World Health Organization (WHO) and World Federation of Neurology bring to lead the public health challenges with neuro-disorders in the developing countries with limited resources. Despite tremendous advances in the understanding of Neuro-disorders, pharmacological treatment by conventional medicine has not obtained satisfactory results. Phytochemical constituents from herbal plants play a vital role in maintaining the brain's chemical balance by controlling the function of receptors for the major inhibitory neurotransmitters. In traditional practice of medicine, herbal plants have been reported to treat neuro-disorders. In this scenario, it is essential to determine through herbal research approach the magnitude and pattern of neuro-disorders in India to facilitate planning and arranging health needs at the local, regional and national levels of health care delivery system with required human resources, development of infrastructure, to provide available and reasonable medical care. Therefore, there is a pressing necessity for better treatment in order to lighten the social and financial burden of neurological diseases.

This seminar will provide knowledge on advances in understanding the triggers of neurodegenerative disease, current herbal therapies for neurodegenerative diseases, major barrier in the development of novel herbal formulations and its challenges against neuro-disorders. Further, this seminar will provide a platform for young scientists and academicians to interact and share their experience and knowledge to work on the challenges of research on neurodegenerative diseases and its management

### RESOURCE PERSONS FOR THE SEMINAR

1. **Dr. T.K. Manoj**, (Neuro Surg.) Dept. of Neurology, St James Hospital, Chalakudy.  
**Topic: Outcome predictions in traumatic brain injuries**
2. **Dr. C. I. Jolly**, Professor (Retired), Bombay College of Pharmacy, Bombay.  
**Topic: Herbal research in anxiety therapy**
3. **Dr. Vijaynath V**, Assistant Professor, Dept. of Rachanan Sareera Govt. Ayurveda College, Tripunithura, Kerala.  
**Topic: Overview of neurological disorders and its Ayurveda therapy**
4. **Dr. N. Satheesh Kumar**, Assistant Professor, NIPER, Hyderabad.  
**Topic: Analytical approach for herbal products and their interactions**



5. Dr. Praveen T.K, Professor, JSS College of Pharmacy, Ooty.  
Topic: Herbal Drugs: Current Challenges
6. Dr. Venkatesh P,R& D Head, Ayurker products Pvt LTD, Kinfra-Park, Cochin.  
Topic: Herbs of neurological treatment potential and current challenges involved in the formulation
7. Dr. Justin Antony, Assistant Professor, JSS College of Pharmacy, Ooty.  
Topic: Recent techniques involved in the screening of herbal drugs for neuro-degenerative disorders and its challenges

#### Participants:

This seminar will provide a unique opportunity for B.Pharm, Pharm.D& M.Pharm students, researcher scholars, industrial experts and academia.

#### Registration Fee

The seminar registration fee is **Rs 800** for students and industry sector representatives/academicians. This fee includes coffee/tea, lunches during seminar, course material. **Spot registration fee is Rs 1000**. The payment for registration fee should be made by Demand Draft in favour of "The Principal, St James College of Pharmaceutical Sciences, Chalakudy-680307, Kerala on or before 08<sup>th</sup> December 2017.

### POSTER PRESENTATION

#### Topics for Poster presentation

- Ayurveda therapy for Neuro-degenerative disorders
- Herbs for Diabetic neuropathy
- Herbal medicines and Neurotransmitters
- Herbal formulation for neurological disorders
- Herbal based research in Pharmaceutical Sciences

*\* Cash Awards for the best poster presentation will be given in the valedictory function\**

#### Call for Abstracts

Abstracts based on the work in the above mentioned field are invited. The participants are requested to submit the abstract of not exceeding 250 words, neatly typed in MS Word document file mentioning the names of main authors, co-authors with affiliation and Email ID through email: [stjamesymposium@gmail.com](mailto:stjamesymposium@gmail.com). The soft copy of the abstract should reach on before 5<sup>th</sup> December 2017. Abstract will be screened for the poster presentation by scientific committee. The acceptance of posters will be intimated to authors on 8<sup>th</sup> December 2017 through E-mail.

#### Address for communication:

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#### ORGANIZING COMMITTEE

Director : Rev. Fr. Varghese Pathadan  
Associate Director : Rev. Fr. Lijo Kongoth  
Convener : Dr. K. Krishnakumar  
Co-conveners : Dr. Dineshkumar B  
: Dr. L. Panayappan

#### IMPORTANT DATES

*Last Date for Abstracts Submission: 5<sup>th</sup> December 2017*

*Last Date for Payment of Registration Fee: 12<sup>th</sup> December 2017*

- Seminar Registration fee is Rs 800
- Tea and lunch will be provided

Accommodation can be arranged on payment basis on request

#### Correspondence:

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