





# International Symposium on "Chronomedicine: Relevance in COVID times"

Under the aegis of Indian Society of Chronomedicine & Association of Physiologists of India

# Organized by

Department of Physiology, All India Institute of Medical Sciences, Raipur, India

September 18, 2021, 02:00 to 05:30 pm (Hybrid mode)

#### Patron

Prof.(Dr.) Surya Prakash Dhaneria, Dean, AlIMS, Raipur

# Organizing Secretary

Dr. Meenakshi Sinha, Professor & 1/C, Chronomedicine lab, Dept. of Physiology, A11MS, Raipur

# Chief Patron

Prof (Dr.) Nitin M. Nagarkar, Director & CEO, AllMS, Raipur

# Organizing Chairman

Dr. Ramanjan Sinha, Professor & Head, Dept. of Physiology, AllMS, Raipur

# Programme Co-ordinator

Dr. Babita Pande,
Post Doctoral Fellow , Chronomedicine Lab

# About the Symposium

Chronomedicine is an upcoming discipline emphasizing relevance of timed rhythms of molecular, biochemical, physiological, behavioral sequelae of disease processes and its amelioration with chronotherapy, designed to target the disruption of these rhythms. The discipline is rightful culmination of a wide range of research on Chronobiology and Chronophysiology encompassing nature of circadian rhythmicity of biophysiological processes in vivo and its applied significance, which was duly recognized with a Nobel Prize in 2017. In this backdrop, the current symposium assumes great significance in this time of global crisis of COVID pandemic causing widespread disruption of biological rhythm due to direct systemic effects of COVID-19 & and indirect behavioral effects of restricted lifestyle Therefore, this is an effort to bring the researchers and the clinician in a single platform to enhance awareness about the discipline and its chronotherapeutic implications across wider spectrum of diseases in future.

#### **Patron**

Prof. (Dr.) A K Pati,
Exec. Member, Odisha State Higher Education Council &
Former President of Indian Society of Chronobiology

# Organizing Committee

Dr. Avinash S. Ingle, Additional Professor Dr. Ekta Khandelwal, Additional Professor Dr. Jayshri R. Ghate, Additional Professor Dr. Arunita T. Jagzape, Assistant Professor Dr. Dipali K. Chatur, Assistant Professor



# ~Scientific Sessions~

# Inaugural Address



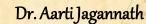
Prof (Dr.) Nitin M. Nagarkar Director & CEO Professor, Otolarngology-Head & Neck Surgery AIIMS, Raipur

# International Guest Speakers

#### Dr Robert Dallmann

Associate Professor, Circadian biologist and in-vivo pharmacologist, Department of Biomedical Sciences, Warwick Medical School, UK

Topic: The role of circadian clocks in chronic diseases and pharmacotherapy



Associate Professor, BBSRC David Phillips Fellow at Sleep & Circadian
Neuroscience Institute, Nuffield Department of Clinical Neurosciences Medical
Sciences Division, University of Oxford, UK

Topic: Circadian regulation of SARS-CoV-2 infection

#### Registration Link: <a href="https://forms.gle/MENicx2MbUeHgiQM6">https://forms.gle/MENicx2MbUeHgiQM6</a>

Registration is free but mandatory (Deadline: 15th September, 2021)

Email Id: chronomedicine2021@gmail.com Contact: Dr. Babita Pande 91793-57829 Dr. Meenakshi Sinha 85188-81709

Registered attendees will be awarded credit points with certificate

# Hall arrangement (AIIMS Auditorium)

Dr. Arunita Jagzape, Assistant Professor Dr. Ketan Badjatya, Junior Resident Ms. Akriti Jaiswal, Ph.D. Student

### Registration & Certificates

Dr. Dipali Chatur, Assistant Professor Dr. Pravin Gowardipe, Senior Resident

# Dr. Narsingh Varma

National Guest Speakers

Professor, Deptt of Physiology & Officiating Head Deptt of Family Medicine, KGMU, Lucknow. Secretary General-Indian Society of Chronomedicine President-Association of Physiologists of India

Topic: Clocking glucocorticoids & other medicines in COVID-19 treatment

### Dr. Prithwis Bhattacharya

Professor & Head, Dept of Anaesthesiology & Critical Care Registrar, NEIGHRIMS, Shillong

Topic: Critical Care in COVID times: chronomedical issues

# Dr. Vinay Pandit

Professor & Head, Dept of General Medicine
AIIMS, Raipur

Topic: Insight on COVID-19 through spectrum of chronomedicine

#### Dr. Meenakshi Sinha

Professor, Department of Physiology I/C Chronomedicine lab, AIIMS, Raipur

Topic: Chronophysiology of COVID-19

# Web handling

Dr. Gagan Banodhe, Senior Resident Mr. Tarun Sahu, Ph.D. Student

### Supporting staff

Mr. Vinod K Sinha Mr. Ramkumar Sen

Mr. Rajendra Das Mr. Pushpendra Gautam

Mr. Jagannath Nishad Mr. Subhash Yadav

Mr. Lukeshwar Sahu Mr. Mahendra Vishwakarma