

11th International ADT Conference
(Supported by IBRO)
“Emerging Trends in Neuro-Rehabilitation: An Allied Healthcare Perspective”
22nd-24th February, 2023

Time	Topic/Event	Resource Person
8:30 AM to 9:30 AM	Registration of Delegate and High Tea	
9:30 AM to 9:50 AM	Inaugural session: Saraswati Vandana and Lamp lighting Welcome note- Dr. Sonika Bakshi (Dean, CSHS)	
9:50 AM to 10:00 AM	Opening of the Conference Sessions	Dr. Archana Mantri (Vice Chancellor Chitkara University, Punjab)

Day 1 Session I

Track 1- Neurotherapeutics and Brain Imaging Technology

Track 2- Critical Care

10:00 AM to 10:20 AM	Expert Talk- Advancements in Neurotherapeutics and its role in Neuro-rehabilitation	Prof Rajat Sandhir Department of Biochemistry Panjab University Chandigarh
10:20 to 10:40 AM	Expert Talk- Neuroplasticity and Neuro- rehabilitation	Dr. Narkeesh Arumugam Professor Department of Physiotherapy Punjabi University, Patiala
10:40 AM to 11:00 AM	Expert Talk- Multimodality Monitoring in Neurocritical Care	Dr. Vikas Saini, Professor Department of Anaesthesia and Intensive Care PGIMER, Chandigarh
11:00 AM to 11:20 AM	Expert Talk- Advancements in Stroke Rehabilitation Therapy	Dr. Abeer Goel Neurologist Paras hospital, Panchkula
11:00 AM Onwards	Poster Presentation Judgement	Exploretorium Lobby
11:20 AM to 12:15 PM	Paper Presentations (Oral)	

Session Chairperson

Dr. Rajat Sandhir

Professor, Department of Biochemistry, Panjab University, Chandigarh, India

Dr. Gurbir Singh

Professor Emeritus, Chitkara School of Health Sciences, Chitkara University, Punjab, India

Paper Presentations

ADT1008

Pharmacological modulation of regulator of G protein signaling 4 attenuates alcohol withdrawal syndrome in mice.

Ashi Mannan¹, Sonia Dhiman¹, Thakur Gurjeet Singh¹.

1 Chitkara College of Pharmacy, Chitkara University, Punjab, India

ADT-3001

Biological cargoes- A new trend in Neurotherapeutics.

Barkha Khurana, Department of Physiotherapy, Chitkara School of health Sciences, Chitkara University, Punjab, India

ADT-8006

Antidepressant like Activity of Cucurbita pepo Peel Extract in Rats

Preeti Gautam ¹, Abdul Mehdi Chomal ², Nadeem Khan ², Manish Kumar ¹, Thakur Gurjeet Singh ¹

1 Chitkara College of Pharmacy, Chitkara University, Punjab, India

2 Swift School of Pharmacy, Ghaggar Sarai, Patiala, Punjab, India

12:15 PM to 1:30 PM**Lunch break**

Day 1 Session II**Track 3- Physiotherapy****Track 4- Psycho-social rehabilitation**

1:30 PM to 1:40 PM

Introduction of the Session

1:40 PM to 2:00 PM

Expert Talk-
Psychosocial rehabilitation in
traumatic brain injuryDr. Sandhya Gupta
Associate Professor
Dept. of Mental Health
Nursing
College of Nursing
AIIMS, New Delhi

Session by Team Chandigarh Spinal Rehab-Event Partners

2:00 PM to 2:20 PM

Physiotherapy and
Occupational therapy in
Spinal rehabilitationDr. Premjit Singh
Head Spinal Therapy
Chandigarh Spinal Rehab

Dr. Baiju Kumar
Senior Occupational
Therapist
Chandigarh Spinal Rehab

2:20 PM to 3:20 PM**Paper Presentations (Oral)**

Session Chairpersons**Dr. Manju Dhandapani**Associate Professor, National Institute of Nursing Education, PGIMER, Chandigarh, India

Dr. Harmeet Kaur

Professor cum Principal, Department of Nursing, Chitkara School of Health Sciences, Chitkara University, Punjab, India

Paper Presentations

ADT-3002

Electro modulation of neurogenic overactive bladder in sci patients. A systematic review

Priyanka Dangi ¹, Narkeesh Arumugam ¹, Dinesh Suman ²

1 Department of Physiotherapy, Punjabi university, Patiala

2 HOD, Neuro-urology Department, Indian Spinal Cord Injury Centre, New Delhi

ADT4002

A home-based cardiac rehabilitation program improves long-term outcomes of cardiac patients: evidence from Punjab, India

Sawroop Dhillon ^{1,2} and Harmeet Kaur ^{1,2}

1 Chitkara School of Health Sciences, Chitkara University, Punjab, India

2 Centre for Evidence Based Practice in Healthcare, Chitkara University, Punjab, India

ADT-4006

Prevalence of academic Procrastination among the nursing students

Manu Kohli ¹, Navita Gupta¹, Gaurav Kohli¹

1 Chitkara School of Health Sciences, Chitkara University, Punjab, India

Closing of Day 1

Day -2 Thursday, 23rd February, 2023

9:00 AM to 10:00 AM

Judgement for working Model Competition

(Venue: Sportorium, Chitkara University)

Day 2 Session I**Track 5-Optometry****Track 6- Nutrition and Dietetics**

9:15 AM to 9:30 AM

Introduction of the Session

9:30 AM to 9:50 AM

Expert talk-
Neuro-rehabilitation in
Neurology and Neuro-
ophthalmology -Why and When.

Dr. Aastha Takkar
Associate Professor
Department of Neurology
PGIMER, Chandigarh

9:50 AM to 10:10 AM

Expert talk-
Vision therapy in Neuro-
rehabilitation

Dr. Marc Taub
Chief Of vision therapy,
Southern college of
Optometry, Memphis, USA

10:10 AM to 10:30 AM	Expert talk- Nutrition and its role in mental health and wellbeing	Dr. Nancy Sahni Chief Dietician and Head Department of Dietetics, PGIMER, Chandigarh
10:30 AM to 10:50 AM	Expert talk- Role of ketogenic diet in Epilepsy	Ms. Deepika Dietician, Dept of Dietetics, PGIMER, Chandigarh

10:50 AM to 11:30 AM Paper Presentations (Oral)

Session Chairpersons

Dr Nancy Sahni

Chief Dietician and Head, Department of Dietetics, PGIMER, Chandigarh, India

Dr. Meenakshi Sood

Professor and Director Institutional Human Ethics Committee, Chitkara University, Punjab, India

Paper Presentations

ADT-6003

Formulation and Characterization of Fermented Beverage Infused with Herbs

Rashi Aggarwal ¹, Shuchi Upadhyay ¹

1 Department of Allied health Sciences, School of Health Sciences and Technology, UPES, Dehradun-248007, Uttarakhand, India

ADT-6004

Formulation and characterisation of chia seed bread

Sana Maqsood¹ and Shuchi Upadhyay¹

1 Department of Allied Health Sciences, School of Health Science and Technology UPES Bidholi Dehradun UK

ADT-6007

Association of Vitamin B12 and Vitamin D in T2DM patients on Metformin

Ishdeep Singh ¹, Vivek Kumar Garg ¹

1 Department of Medical Lab technology, UIAHS, Chandigarh University, Gharuan, Punjab, India

Day 2 Session II

Track 7- Health tech, Health care management and Special Education

Track 8- Pharmacy

11:30 PM to 11:35 PM	Introduction of the session	
11:35 to 11:55 PM	Expert talk- Telehealth For Neurorehabilitation	Dr. Sonika Bakshi Dean Chitkara School of Health Sciences Chitkara University, Punjab
11:55 PM to 12:20 PM	Expert talk- Artificial Intelligence in Medicine and Healthcare	Dr. Kris See Medical Director, Chief Clinical and Innovative Scientist, Osel Group. Federal Territory of Kuala Lumpur, Malaysia

12:20 PM to 1:20 PM

Lunch break

1:20 PM to 1:30 PM

Welcome of delegates after lunch break

1:30 PM to 1:50 PM

Expert talk-
Innovation based special
education techniques and
approaches to improve the
quality of life of children with
neurodevelopmental disorders

Dr. Priti Arun
Professor & Head,
Department of Psychiatry,
Chairperson, Disability
Board Govt Medical
College and Hospital
Sector 32,
Chandigarh
Joint Director,
Govt Rehabilitation
Institute of Intellectual
Disability (GRIID)

1:50 PM to 2:10 PM

Expert talk-
Pharmacists as Care Providers in
Neuro-rehabilitation therapy

Dr. Thakur Gurjeet Singh
Dean, Professor, Chitkara
College of Pharmacy,
Chitkara University,
Punjab, India

2:10 PM to 3:00 PM

Paper Presentations (Oral)

Session Chairpersons

Dr. Amarjot Kaur

Professor, Chitkara College of Pharmacy, Chitkara University, Punjab, India

Dr. Ravinder Singh

Professor and Head, Department of Pharmacy Practice, Chitkara University, Punjab, India

Paper Presentations

ADT-3006

A Novel Non-invasive Physiopharma Treatment of Knee Osteoarthritis

Roopika Sabharwal¹, Dr Amandeep Singh¹

1 Assistant Professor, Department of Physiotherapy, Chitkara School of Health Sciences,
Chitkara University, Punjab

ADT-8004

Pharmacognositic evaluation of fingerprinting, antioxidant potential and Phytochemical
screening of hydroalcoholic extract of Thuja occidentalis

Nikhil Garg¹, Shrey Kumar Bhargava¹, Shareen Singh¹, Ashi Mannan¹, Sonia Dhiman¹
Thakur Gurjeet Singh¹

1 Chitkara College of Pharmacy, Chitkara University, Punjab, India.

ADT1007

Counteracting role of nuclear factor erythroid 2-related factor 2 in Parkinson's disease

Veerta Sharma¹ and Thakur Gurjeet Singh¹

1 Chitkara College of Pharmacy, Chitkara University, Punjab, India

3:00 PM to 3:45 PM	Cultural
3:45 PM to 4:00 PM	Prize Distribution
4:00 PM to 4:10 PM	Vote of thanks

Day 3 - 24th February 2023

9:15 AM to 11:15 AM (Online)	Expert Talk- Neuro-Optometric Visual Rehabilitation-Practice Patterns	Dr. Daniella Rutner Associate Clinical Professor University Eye Center and the Chief of Vision Rehabilitation, State University of New York, New York, USA Prof. Aditya Goyal Principal, Sankara Academy of Vision, Sankara Eye Hospital, Bangalore, India
Workshop 1 9:30 AM to 4:00 PM	Hands-On workshop on Molecular Techniques	Venue: GB 410, Galileo Block, Chitkara University, Punjab, India
Workshop 2 10:00 AM to 1:00 PM	Workshop on Technological Advances in Prosthesis Design and Fabrication	Einstein Hall, Galileo Block, Chitkara University, Punjab, India

Valedictory Ceremony