

Leiden Headache Center into a new era *Programme*

Saturday 4th of June 2022

08:15 **Registration**

08:45 **Welcome!**

MECHANISMS OF MIGRAINE

09:00 **Location of migraine symptoms in the brain**

Dr. Philip Holland

09:25 **Headache mechanisms in animal models**

Prof. dr. Cristina Tassorelli

09:50 **Genetic models from mice to man**

Dr. Else Tolner

10:15 **Connecting migraine and epilepsy**

Dr. Cenk Ayata

10:40 **Coffee break**

BIOMARKERS

11:20 **Imaging**

Prof. dr. Arne May

11:45 **Genomics**

Irene de Boer

12:10 **Vascular biomarkers**

Prof. dr. Antoinette Maassen van den Brink

12:35 **Proteomics/Metabolomics**

Prof. dr. Arn van den Maagdenberg

13:00 **Lunch break**

CGRP – CLINIC

14:00 **Pathophysiology, route to CGRP**

Prof. dr. Peter Goadsby

14:25 **Clinical trials - past and future**

Prof. dr. Christian Lampl

14:50 **Predictors for response**

Simone de Vries Lentsch

15:15 **CGRP in CH and other headaches**

Prof. dr. med. sci R.H. Jensen

15:40 **Tea break**

TOWARDS NEW TARGETS

- 16:10 **Provocation studies for new targets**
Prof. dr. Messoud Ashina
- 16:35 **Pathophysiology underlying new targets**
Prof. dr. Rami Burstein
- 17:00 **Organ-on-chip models for drug testing**
Dr. Jean-Philippe Frimat

Sunday 5th of June 2022

08:30 **Registration**

GENDER AND DIVERSITY ASPECTS OF HEADACHE

- 09:00 **Epidemiology and impact of migraine**
Prof. dr. Simona Sacco
- 09:25 **Introduction into female specific aspects on migraine**
Prof. dr. Ann MacGregor
- 09:50 **Sex-hormones and migraine**
Dr. Daphne van Casteren
- 10:15 **Epigenetics and gender**
Dr. Patricia Pozo-Rosich

10:40 **Coffee break**

OTHER HEADACHES

- 11:10 **TACs**
Dr. Rolf Fronczek
- 12:00 **Chronic migraine and Medication Overuse Headache (MOH)**
Prof. dr. Gisela Terwindt
- 11:35 **Posttraumatic headache**
Håkan Ashina
- 12:25 **Idiopathic intracranial hypertension abs headache**
Prof. dr. Alexandra Sinclair
- 12:50 **Closure and Adjourn**

Speakers and chairs

- H. Ashina, MD, PhD student, Rigshospitalet, Copenhagen University Hospital, Copenhagen, Denmark
- Prof. dr. M. Ashina, Professor of Neurology, University of Copenhagen / Director of the Human Migraine Research Unit, Danish Headache Center and Department of Neurology, Rigshospitalet Glostrup, Copenhagen, Denmark
- Dr. C. Ayata, Vascular and Critical Care Neurologist, Massachusetts General Hospital, Boston, USA
- I. de Boer, MD, PhD student Neurology, Leiden University Medical Center, Leiden, The Netherlands

- Prof. dr. R. Burstein, John Hedley-Whyte Professor of Anesthesia, Harvard Medical School / Vice Chair, Anesthesia, Critical Care and Pain Medicine Research, Beth Israel Deaconess Medical Center, Boston, USA
- Dr. D.S. van Casteren, neurologist in training, Leiden University Medical Center, Leiden, The Netherlands
- Dr. J.-P.M.S. Frimat, human geneticist, Leiden University Medical Center, Leiden, The Netherlands
- Dr. R. Fronczek, neurologist, Leiden University Medical Center, Leiden, The Netherlands
- Prof. dr. P.J. Goadsby, Director of NIHR Clinical Research Facility / Professor of Neurology, King's College London, London, UK
- Dr. P.R. Holland, lecturer in Neuroscience-Headache, King's College London, London, UK
- Prof. dr. med. sci R.H. Jensen, University of Copenhagen, Director of Danish Headache Center, Department of Neurology, Rigshospitalet Glostrup, Copenhagen, Denmark
- Prof. dr. C. Lampl, Professor of Neurology / Head of the Department of Neurology / Director of the Headache Medical Center / Head of the Center of Integrative medicine of the Elderly, Ordensklinikum Linz, Hospital Barmherzige Schwestern, Linz, Austria
- Prof. dr. A.M.J.M. van den Maagdenberg, neurogeneticist-neurobiologist, Leiden University Medical Center, Leiden, The Netherlands
- Prof. dr. A. Maassen van den Brink, Professor of Pharmacology, ErasmusMC, Rotterdam, The Netherlands
- Prof. dr. E.A. MacGregor, Professor of Neurology, Centre for Neuroscience and Trauma within the Blizzard Institute of Cell and Molecular Science, Barts and the London School of Medicine and Dentistry / Specialist in Headache and Sexual and Reproductive Healthcare, Barts Health NHS Trust, London, UK
- Prof. dr. A. May, neurologist, Universitätsklinikum Hamburg-Eppendorf, Hamburg, Germany
- Dr. P. Pozo-Rosich, Specialist in Neurology, Vall d'Hebron University Hospital, Barcelona, Spain / Head of the Headache & Craniofacial Pain Unit, Vall d'Hebron University Hospital / Quirón Hospital, Barcelona, Spain / Director of the Headache and Neurological Pain Research Group, Vall d'Hebron Institute of Research, Barcelona, Spain
- Prof. dr. S. Sacco, Professor of Neurology, University of L'Aquila / Director of the Neurology and Stroke Unit Avezzano Hospital, L'Aquila, Italy
- Prof. dr. A.J. Sinclair, Professor of Neurology / Head of the Metabolic Neurology Research Group, University of Birmingham, Birmingham, UK
- Prof. dr. C. Tassorelli, Director of the Headache Science Centre and of the Neurorehabilitative Unit, IRCCS C. Mondino Foundation / Chair of Neurology / Vice-director of the Department of Brain and Behavioral Sciences, University of Pavia, Pavia, Italy
- Prof. dr. G.M. Terwindt, neurologist-biologist, Director of the Leiden Headache Center, Leiden University Medical Center, Leiden, The Netherlands
- Dr. E.A. Tolner, assistant professor Neurology, Leiden University Medical Center, Leiden, The Netherlands
- S. de Vries Lentsch, MD, PhD-student Neurology, Leiden University Medical Center, Leiden, The Netherlands