

MEET mini-congress on mitochondrial medicine

Date: 28 January 2016, 08:30 hrs. - 12:20 hrs.

Location: Carl Figdor Lecture Theatre, Route 289 (RIMLS)

Welcome

Jan Smeitink

Session 1

08.30-10.00h - Chairman: Werner J.H. Koopman

R. Vatrinet:

Targeting complex I as an anticancer strategy

S. Trifunov:

Different patterns of mtDNA deletions accumulation

O. Lytovchenko:

Mitochondrial metabolite transport in cancer cells

S. Vidali:

Feasibility of ketogenic diet to treat solid cancer

L. Matakovic:

Cofactor deficiency in mitochondrial diseases

M. Pezet:

Understanding the mechanism underpinning the transmission of pathogenic mtDNA mutations through the germ line

10.00-10.30h

Coffee Break

Session 2

10.30-12.20h - Chairman: Peter H. G. M. Willems

M. Giunta:

Modifying factors in reversible mitochondrial disease - Zebrafish as a model system in RNA metabolism deficiencies

E. Holzerova:

Impaired metabolite homeostasis and cofactor availability in OXPHOS disorder

L.S. Caballero:

Complexome profiling to characterize the first patient harboring TMEM126B mutations

E. Iannetti:

Multiplexed high-content analysis of mitochondrial morphofunction using live-cell microscopy

S. Foriel:

Drosophila as a model to study therapeutic approaches for mitochondrial diseases

M. Mennuni:

Manipulating segregation of human mitochondrial DNA

M. Aoun:

Lipidomic profile of red blood cells in PKAN: toward the identification of disease's biomarker