

4th International Postgraduate Course

Lysosomal Storage Disorders: diagnostic background and clinical therapy

Berlin, Germany; Nov 14 - 15, 2011
(CME accredited)



4th International Postgraduate Course Maritim Hotel Berlin; Germany (Nov 14 - 15, 2011)

In order to educate and train medical professionals in understanding lysosomal storage disorders, the University of Rostock is organizing the International Postgraduate Course on Lysosomal Storage Disorders: diagnostic background and clinical therapy.

Following the success of the past courses, this year's course aims to further deepen the understanding of diagnosis and clinical treatment by interpreting the right phenotype-genotype correlation in connection with laboratory aspects and biomarkers apart from genetic testing.

The special philosophy of the course will again connect scientific excellence in talks with the opportunity of ample time for first hand discussions with experts on real clinical cases emphasizing the interdisciplinary challenges in diagnosis and therapy.

Agenda

Nov 14, 2011

Nov 15, 2011

Plenary lectures

09.00-09.10	Welcome note (A. Rolfs)
09.10-09.40	Pathophysiological mechanisms in neuronal forms of LSDs (A. Futerman)
09.40-10.10	Animal models in Lysosomal Storage Diseases (M. Haskins)
10.10-10.40	Protein misfolding in Lysosomal Diseases (M. Horowitz)
	<i>Coffee break</i>
11.00-12.45	<i>Case study presentations by participants and discussion all</i>
	<i>Lunch break</i>
13.45-14.15	Laboratory diagnosis of Lysosomal Storage Diseases (M. Vanier)
14.15-14.45	Gene therapy for LSDs (J. Medin)
14.45-15.15	Pharmacological approaches to the treatment of LSDs (S. Walkley)
	<i>Coffee break</i>
	Hunter disease
15.35-16.05	MPS: Clinical phenotype and epidemiology (A. M. Montano)
16.05-16.35	Hunter: ERT treatment and the bone (A. Tylki-Szymanska)
20.00	<i>Dinner</i>

Fabry disease

08.30-09.00	General phenotype of Fabry disease (U. Feldt-Rasmussen)
09.00-09.30	The neurology of Fabry disease (K. Sims)
09.30-10.00	Fabry disease and cardiological manifestations (A. Linhart)
10.00-10.30	Treatment of Fabry disease (D. Hughes)
	<i>Coffee break</i>
10.45-11.15	<i>Case study presentation by participants and discussion all</i>
	Gaucher disease
11.15-11.45	LSDs – Epidemiology and genotype / phenotype variations (G. Grabowski)
	<i>Lunch break</i>
12.45-13.15	Neurological manifestations associated with Gaucher disease (E. Sidransky)
13.15-13.45	New treatment options for Gaucher disease (A. Zimran)
13.45-14.15	Gauch1 – a novel sensitive and specific biomarker for the primary diagnosis of Gaucher disease (A. Rolfs)
14.15	Closing remarks (A. Rolfs)
	<i>Individual departure</i>