10th International Symposium
on Lysosomal Storage Diseases

23rd-24th April 2010
Prague, Czech Republic

Final programme

Developed by the 10th ISLSD
Scientific Committee with
financial and logistical support from

Shire HGT, a business unit of Shire Plc.
Friday, April 23rd

08:30  Opening & Welcome  A Linhart / J Zeman

08:35 – 09:45  Physiological mechanisms of relevance to LSDs
   Chairman: V Gieselmann / S Walkley
   Lipid raft abnormalities and SNARE dysfunction in LSDs  A Fraldi
   Pathophysiology of metachromatic leukodystrophy: studies in a mouse model  V Gieselmann
   Molecular genetics of LSDs: what else can we learn?  M Hřebiček

09:45 – 10:00  Chairman overview and discussion

10:00 – 10:30  Coffee & Poster Viewing

10:30 – 11:45  The nervous system in LSDs
   Chairman: J Clarke / R Schiffmann
   Clinical challenges presented by neurological involvement in the LSDs  J Clarke
   Pathophysiology of neuronopathic LSDs  R Schiffmann
   Novel therapies for LSDs of the CNS  M Scarpa

11:45 – 12:00  Chairman overview and discussion

12:00 – 13:00  The pros and cons of screening for LSDs
   Chairman: A Mackie / C Auray-Blais
   Screening for LSDs: positive aspects  C Auray-Blais
   Why shouldn’t we screen for storage disorders?  A Mackie

14:15 – 15:30  The musculoskeletal system in LSDs
   Chairman: J Muenzer / G Grabowski
   Clinical aspects of bone disease in LSDs  J Muenzer
   Pathogenesis of skeletal disease in mucopolysaccharidoses  K Ponder
   Observations, developments and speculations on Gaucher bone disease  G Grabowski

15:30 – 15:45  Chairman overview and discussion

15:45 – 16:15  Coffee & Poster Viewing

16:15 – 17:15  Biomarkers and system pathology in LSDs
   Chairman: P Lobel / G Pastores
   Proteomics and lysosomal disease discovery  P Lobel
   Biomarkers for sphingolipidoses  H Aerts
   Biomarkers in clinical practice  G Pastores

17:15 – 18:00  Plenary Lecture
   Chairman: A Zimran
   Changes in academic culture and the importance of research for university autonomy  V Hampl

19:30  Dinner
# Saturday, April 24th

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00 – 10:15</td>
<td><strong>Poster mounting</strong>&lt;br&gt;The cardiovascular system in LSDs&lt;br&gt;Chairmen: C Kampmann / J Zamorano&lt;br&gt;Early diagnosis of cardiac involvement&lt;br/Cardiac response to ERT&lt;br/Pathophysiology and future developments in cardiac aspects of Fabry disease</td>
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<td>10:15 – 10:30</td>
<td><strong>Chairman overview and discussion</strong>&lt;br&gt;Potential role of S1P in cardiovascular remodelling in Fabry disease</td>
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<td>10:30 – 11:00</td>
<td><strong>Coffee &amp; Poster Viewing</strong>&lt;br&gt;<strong>Comorbidity associated with LSDs</strong>&lt;br&gt;Chairmen: D Hughes / D Germain&lt;br/Bone involvement in Fabry disease&lt;br/Comorbidity in LSDs – the value of a multidisciplinary approach&lt;br/Haemato-oncological comorbidity in LSDs</td>
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<td>12:00 – 13:15</td>
<td><strong>Poster Presentations &amp; Award</strong>&lt;br&gt;Chairmen: A Tylki-Szymanska / R Giugliani / F Barbey</td>
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<td>13:15 – 14:30</td>
<td><strong>Lunch</strong>&lt;br&gt;14:30 – 15:45 The renal system in LSDs&lt;br&gt;Chairmen: R Thadhani / M West&lt;br/The failing kidney in Fabry disease: from deposits to dialysis&lt;br/Renal involvement in Fabry disease: future challenges&lt;br/A nephrologist’s approach to LSDs</td>
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<td>15:45 – 16:00</td>
<td><strong>Chairman overview and discussion</strong>&lt;br&gt;<strong>Coffee</strong>&lt;br&gt;<strong>Plenary Lecture</strong>&lt;br&gt;Chairman: M Beck&lt;br/Is human evolution over and genetic disease on the way out?</td>
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<td>17:30 – 17:45</td>
<td><strong>Symposium summary &amp; closing remarks</strong>&lt;br&gt;A Linhart</td>
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<td>19:30</td>
<td><strong>Dinner</strong>&lt;br&gt;A Linhart</td>
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Faculty

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