Preliminary Program

Saturday, September 19, 2020

08:30 Opening
09:00 Welcome and "Warm up"

Keynote Lecture
09:15 Inherited Cardiovascular Disease
Perry Elliott

I. Basic Principles of Genetics

09:45 Cytogenetics and copy number variants in CHD
Eva Klopacki

10:05 Clinical interpretation of next generation sequencing (NGS) data
Lorenzo Monserrat

10:25 Distinct genetic architecture for non-syndromic and syndromic CHD
Marc-Philipp Hitz

10:45 Family or SNPs: what counts for hereditary risk of coronary artery disease?
Heribert Schunkert

11:05 Break

II. Syndromes and Complex Inherited Disease

11:35 Microdeletion syndromes involving CHD
n.n.

11:55 Genetic contributors to Tetralogy of Fallot
Silke Rickert-Sperling

12:15 RASopathies - clinical and molecular analysis
Giuseppe Limongelli

12:35 Heterotaxy syndrome - genetic cause and phenotypic spectrum
Anwar Baban

12:55 Conclusion of the session

13:10 Lunch
III. Cardiomyopathies

14:40 Risk stratification in childhood HCM  Juan Pablo Kaski
15:00 LVNC and DCM - what is the connection?  Sabine Klaassen
15:20 Myocarditis-related CMP - molecular analysis and prognosis  Carsten Tschöpe
15:40 Storage disease - clinical diagnosis and enzyme replacement therapy  Natalie Weinhold
16:00 Conclusion of the session

16:15 Break

IV. Social, Practical and Ethical Aspects, Biobanking

Keynote Lecture

16:45 Technology Transfer - is Europe on the way out?  n.n.
17:15 Fetal diagnosis and implications for genetic testing  Rabih Chaoui
17:35 Practical guideline to genetic testing - what is the future?  Brenda Gerull
17:55 European Registries - the need for biobanking?!  Thomas Pickardt
18:15 Conclusion of the session

18:30 Get Together
### Sunday, September 20, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>09:30</td>
<td>Sunday Morning Highlight Lecture</td>
<td>Christian Lenk</td>
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<td>The meaning of &quot;the right not to know&quot;</td>
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<td>10:00</td>
<td>Inherited Arrythmias</td>
<td>A.S. Amin</td>
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<td>Chanellopathies as causes of SCD - how certain are we?</td>
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<td>10:20</td>
<td>Device therapy</td>
<td>Björn Peters</td>
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<td>Novel molecular targets for atrial fibrillation therapy</td>
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<td>11:00</td>
<td>Conclusion of the session</td>
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<td>11:15</td>
<td>Coffee Break</td>
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<tr>
<td>11:45</td>
<td>Vessels / Aortopathy Syndromes / PHT</td>
<td>Yskert von Kodolitsch</td>
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<td>Genetic diagnostics of inherited aortic diseases</td>
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<td>12:05</td>
<td>Genetic regulation of vascular network formation</td>
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<td>12:25</td>
<td>Vascular health determinants in children</td>
<td>Renate Oberhoffer</td>
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<td>12:45</td>
<td>PPARgamma activation: a potential treatment for pulmonary hypertension</td>
<td>Georg Hansmann</td>
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<td>13:05</td>
<td>Conclusion of the session</td>
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<td>13:20</td>
<td>Lunch Break</td>
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**Keynote Lecture**
14:20 Individual personalised risk prediction
John Deanfield

**VIII. Novel Technologies for Inherited Diseases**
"DZHK-Session"

14:50 Remodelling of the heart proteome in cardiac disease
Philipp Mertins

15:10 Bioinformatics - omics data processing and integration
Dieter Beule

15:30 Gene therapy for pediatric cardiomyopathy
Giulia Mearini

15:50 Conclusion of the session

16:05 Closing remarks

16:10 End

*Changes to the program may be necessary*