SCIENTIFIC PROGRAMME AT A GLANCE

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| **Time** | **Tuesday, September 4, 2018** |
| 14:30 – 16:00 | **Plenary Session 1: Biochemical Defects as Developmental Disorders** |
| 14:30 – 15:00 | Biochemical Defects Leading to Abnormal CNS Development**Jutta Gärtner**, Germany |
| 15:00 – 15:30 | Bone Development and Remodeling in Metabolic Disorders**Daniel Grinberg**, Spain |
| 15:30 – 16:00 | Lessons from Pluripotent Stem Cell Models**Angel Raya**, Spain |
| 16:30 – 18:00 | **Plenary Session 2: Inborn Errors of Metabolism and the Immune System** |
| 16:30 – 17:00 | Glycosylation and Human Immune System Function**Paula Videira**, Portugal |
| 17:00 – 17:30 | The Immune System in Inborn Errors of Metabolism**Nick Platt**, UK |
| 17:30 – 18:00 | Inborn Errors of Metabolism and Cancer: The Case of Gaucher Disease**Pramod Mistry**, USA |
| 18:00 – 18:20 | Garrod Lecture |

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| **Time** | **Wednesday, September 5, 2018** |
| 09:00 – 10:30 | **Parallel Session 1A: Educational Session – Diagnostic Challenges in the Era of WES/WGS**Stephanie Grünewald, UKGert Matthijs, BelgiumFrédéric Vaz, The Netherlands |
| 09:00 – 10:30 | **Parallel Session 1B: Glycosylation and Carbohydrate Disorders** |
| 09:00 – 10:30 | **Parallel Session 1C: New Treatments** |
| 09:00 – 10:30 | **Parallel Session 1D: Phenylketonuria and Neurotransmitter Disorders** |
| 11:00 – 12:30 | **Plenary Session 3: Old Players in New Roles** |
| 11:00 – 11:30 | Cholesterol: More than Meets the Eye**Fran Platt**, UK |
| 11:30 – 12:00 | Mitochondria and Neurodegeneration**Patrick Chinnery**, UK |
| 12:00 – 12:30 | Inborn Errors of Metabolism as Risk Factors of Parkinson Disease**Leonidas Stefanis**, Greece |
| 14:00 – 15:30 | **Parallel Session 2A: Nutrition and Dietetics**Update Lecture: Long Term Neurological Effects of Special Diets**Angeles Garcia-Cazorla**, Spain |
| 14:00 – 15:30 | **Parallel Session 2B: Lysosomal Storage Disorders**Update Lecture: Neuronal Ceroid Lipofuscinoses**Angela Schulz**, Germany |
| 14:00 – 15:30 | **Parallel Session 2C: Novel Diagnostic Approaches** |
| 16:00 – 17:30 | **Plenary Session 4: Next-Generation Diagnostics** |
| 16:00 – 16:30 | C13 Dynamic Studies in Fibroblasts**Bart Ghesquière**, Belgium |
| 16:30 – 17:00 | Transcriptomics in Rare Disease Diagnosis**Holger Prokisch**, Germany |
| 17:00 – 17:30 | Discovering New Pathways and Diseases. The Role of Metabolomics**Ron Wevers**, The Netherlands |

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| **Time** | **Thursday, September 6, 2018** |
| 09:00 – 10:30 | **Plenary Session 5: Metabolic Pathways and Subcellular Organelles: New Connections** |
| 09:00 – 09:30 | One Gene, One Enzyme,… Several Reactions! How do we deal with Enzyme Promiscuity?**Emile Van Schaftingen**, Belgium |
| 09:30 – 10:00 | Bridging the Gap: Linking Cellular Metabolism and Protein Glycosylation in the Golgi**Dirk Lefeber**, The Netherlands |
| 10:00 – 10:30 | Organelle Interplay – Peroxisome Interactions in Health and Disease**Michael Schrader**, UK |
| 11:00 – 12:30 | **Parallel Session 3A: Mitochondrial Disorders**Update Lecture: What is New in Mitochondrial Disorders**Robert Taylor**, UK |
| 11:00 – 12:30 | **Parallel Session 3B: Disorders of Fatty Acid and Ketone Metabolism** |
| 11:00 – 12:30 | **Parallel Session 3C: Peroxisomal Disorders** |
| 11:00 – 12:30 | **Parallel Session 3D: Inborn Errors of Metabolism as Autophagy Disorders**Update lecture: Inborn Errors of Metabolism and Autophagy**Darius Ebrahimi-Fakhari**, USA |
| 14:00 – 15:30 | **Parallel Session 4A: Amino Acid Disorders and Organic Acidurias**Update Lecture : Branched Chain Amino Acid Metabolism: from Rare to More Common Disorders**Gaia Novarino**, Austria |
| 14:00 – 15:30 | **Parallel Session 4B: Disorders of Vitamins, Cofactors, Trace Elements and Miscellaneous Disorders** |
| 14:00 – 15:30 | **Parallel Session 4C: Metabolic Disorders in Adults** |

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| **Time** | **Friday, September 7, 2018** |
| 09:00 – 10:30 | **Plenary Session 6: Treating Inborn Errors of Metabolism** |
| 09:00 – 09:30 | Treating Lysosomal Storage Diseases: What Have We Learnt?**Robin Lachmann**, UK |
| 09:30 – 10:00 | Lessons from Brain Energy Metabolism: Therapy and Outcome Measures in Clinical Trials6**Fanny Mochel**, France |
| 10:00 – 10:30 | Beyond Gene Therapy**Marianne Rots**, The Netherlands |
| 11:00 – 12:00 | Komrower Lecture |
| 12:00 – 13:00 | Late Breaking News |