Thursday January 13

08.00 Opening registration desk
08.30 - 09.00 Opening of the meeting - welcome
(Jaak JAEKEN, Leuven, Belgium; Gert MATTHIJS, Leuven, Belgium)
09.00 - 09.30 Jaak JAEKEN (University Hospital, Dept Paediatrics, Metabolic Diseases, Leuven, Belgium): What's new in CDG?

09.30 - 13.00 CDG: new diseases, novel models
Chair: Jaak JAEKEN, Nathalie SETA

09.30 - 10.10 Andrea SUPERTI-FURGA (Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland): Bone, connective tissue and glycosylation

10.10 - 11.10 Short presentations:
2. François FOULQUER (Université des Sciences et Technologies de Lille, CNRS, Lab de Glycobiologie Structurale et Fonctionnelle, Lille, France): TPARL- towards understanding of its physiological role in pH homeostasis.
3. Hudson FREEZE (The Burnham Institute, La Jolla, U.S.A.): CDG collaborations in The United States

11.10 - 11.30 Coffee break

11.30 - 13.00 Selected presentations:
1. Eva MORAVA (Radboud University Medical Centre, Department of Pediatrics, Nijmegen, The Netherlands): A novel cerebello-ocular syndrome with abnormal Glycosylation due to abnormalities in dolichol metabolism.
2. Thierry DUPRE (AP-HP, Laboratoire de Biochimie, Groupe Hospitalier Bichat-Claude Bernard, Paris, France): News about dolichol deficiency and CDG
3. Byron LAM (Bascom Palmer Eye Institute, Miami, U.S.A.): Retinitis pigmentosa (RP) caused by the K42E mutation in DHDDS (dehydrodolichol diphosphate synthase)

12.15 - 13.00 David STEPHENS (University of Bristol, Dept of Biochemistry, Bristol, U.K.): COPII-dependent trafficking – implications for morphogenesis and development

13.00 - 15.00 Lunch + Poster session

15.00 - 17.00 Analysis of Glycosylation
Chair: Dirk LEFEBER, Eva MORAVA

15.00 - 15.40 David SMITH (Emory University School of Medicine, Dept of Biochemistry, Atlanta, Georgia, USA): Glycomics and Glycan Microarrays

15.40 - 17.00 Selected presentations:
1. Mailys GUILARD (Radboud University Medical Centre, Nijmegen, The Netherlands): A new B4GALT1-CDG patient identified by serum N-glycan profiling by mass spectrometry.
3. Hana HANSIKOVA (First Faculty of Medicine, Charles University, Prague, Czech Republic): Activities of lysosomal enzymes in patients with CDG syndrome.

19.30 - 22.30 Cocktail/Dinner
in the Faculty Club, Groot Begijnhof, Leuven
Friday January 14

09.00 - 12.30  CDG: clinical aspects and therapy
Chair: Gert MATTHIJS, Belen PEREZ-DUENAS

09.00 - 09.40  Luc VAN ROMPAEY (Galapagos nv, Mechelen, Belgium):
Chemical compound screening: From target to the clinic

09.40 - 10.40 Short presentations:
1. Vandana SHARMA (Sanford-Burnham Medical Research Institute, La Jolla, California, U.S.A.):
Screening small molecules as therapy for Congenital Disorders of Glycosylation, CDG-Ia (PMM2-CGD)
2. Christian KÖRNER (Center for Child and Adolescent Medicine, Center for Metabolic Diseases, Heidelberg, Germany): Prenatal Mannose treatment prevents embryonic lethality in a mouse model for CDG-Ia (PMM2-CGD).
3. Martin WILD (Max Planck Institute for Molecular Biomedicine, Münster, Germany): A human defect in alpha2,3-sialylation causing a severe bleeding disorder

10.40 - 11.00  Coffee break

11.00 - 12.30 Selected presentations
1. Samira ACHOUTAR (Radboud University Medical Centre, Genetic and Metabolic Disease, Nijmegen, The Netherlands): Nijmegen paediatric CDG rating scale: a novel tool to document disease progression.
2. Agata FIUMARA (University of Catania, Dept of Pediatrics, Italy): Clinical and neuro-imaging findings in a dysmorphic patient with CDG-Ix.
3. Rafael ARTUCH (Hospital Sant Joan de Déu, Clinical Biochemistry, Barcelona, Spain): Mild clinical and biochemical phenotypes in 2 patients with CDG-Ia (PMM2-CGD).
5. Miski MOHAMED (Radboud University Medical Centre, Institute Genetic and Metabolic Diseases, Nijmegen, The Netherlands): Neurologic involvement and diagnostic approach in Congenital Disorders of Glycosylation type II-x.
6. Jaimé BRUM (The SARAH Network of Rehabilitation Hospitals, Brazil): Congenital Disorders of Glycosylation (CDG) in Brazil

12.30 - 13.00  General assembly: Creation of a CDG Foundation

13.00 - 14.30 Lunch + Poster session

14.30 - 16.30  Cell biology, novel findings
Chair: Christian KÖRNER, François FOULQUIER

14.30 - 14.50 Weston STRUWE: (University College Dublin, Conway Institute, NIBRT, Dublin, Ireland)
Modeling a congenital disorder of glycosylation type I in C. elegans: a genome-wide RNAi screen for N-glycosylation-dependent loci


15.15 - 16.15 Selected presentations
2. Vladimir LUPASHIN (University of Arkansas for Medical Sciences, Little Rock, U.S.A.): The COG complex functions in trafficking of glycosyltransferases through the Golgi.

16.15 - 17.00  Final discussion and farewell drink