



Irish Society for Inherited Metabolic Disorders

Ketones & Metabolic Disorders

Friday 20th April 2018, The Pillar Room, Rotunda Hospital

9.30 Registration & Coffee
10.00 Welcome address – Prof. Philip Mayne

Session 1: Ketone Metabolism and Disorders

Chair: Dr. Siobhan O' Sullivan

10.00 'Diverse Roles of Ketones in Metabolism – An introduction'
Prof. Ina Knerr, Metabolic Consultant, National Centre for Inherited Metabolic Disorders (NCIMD), Temple Street Children's University Hospital, Dublin

10.45 'Ketolytic and Ketogenic Disorders'
Prof. Oliver Sass, Bioanalytics and Biochemistry Research Professor, University of Applied Sciences, Rheinbach, Germany

11.30 Coffee

Session 2: Hypoglycaemia

Chair: Prof. Philip Mayne

11.45 'Role of skin fibroblast studies in patients with ketotic or hypoketotic hypoglycaemia'
Ms. Joanne Croft, Clinical Scientist, Biochemical Genetics Lab, Sheffield, UK

12.15 'Endocrine Hypoglycaemia' - the ketotic difference
Prof. Nuala Murphy, Consultant Endocrinologist, Temple Street Children's University Hospital, Dublin

1.00 Lunch & Sponsor Displays

Session 3: Ketones & Neurology

Chair: Prof. Ellen Crushell

1.45 'The role of ketones in neurological patients'
Prof. Mary King, Consultant Neurologist, Temple Street Children's University Hospital, Dublin

2.30 'Overview of the Ketogenic Diet'
Ms. Eimear Forbes, Senior Paediatric Dietitian, Temple Street Children's University Hospital, Dublin

3.00 Coffee

Session 4: Case Studies of patients with errors of Ketone Metabolism

Chair: Dr. A.A. Monavari

3.15 Multiple case studies: NCHDs
Dr. A.A. Monavari, Metabolic Consultant, NCIMD, Temple Street Children's University Hospital, Dublin

4.00 'Practical Work-Up of a patient'
Ms. Catherine McDonnell, CNM 3, NCIMD, Temple Street Children's University Hospital, Dublin

4.15 Lab investigations of Ketone Metabolism
Dr. Ingrid Borovickova, Consultant Chemical Pathologist, Temple Street Children's University Hospital, Dublin

4.30 Close – *Dr. A.A. Monavari.*