



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

10.00 'Diverse Roles of Ketones in Metabolism – An introduction'

Prof. Ina Knerr, National Centre for Inherited Metabolic Dietitian, 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

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

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

3.15 Three case studies: NCHDs

Dr. Ahmad Monavari, Metabolic Consultant, NCIMD, Temple Street Children's University Hospital, Dublin

4.00 'Practical Work-Up of a patient'

Ms. Eilish O'Connell, Clinical Nurse Educator, 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. Ahmad Monavari*