

cluB-12 Symposium 2024

Thursday 19th September

Friday 20th September

@ St John's College (Unless otherwise stated)

Address	St John's College Cambridge. CB2 1TP	09:00-10:30	Session 4: Rapid and Accurate Diagnosis / Biomarker Discovery
10:00-11:00	Networking Coffee, Stands & Registration	10:30-11:00	Networking Coffee & Stands
11:00-12:30	Session 1: Implementing NICE & B12 Alliance	11:00-12:30	cluB-12 AGM & Keynote
12:30-13:30	Networking Buffet Lunch	12:30-13:30	Networking Buffet Lunch
13:30-14:00	Networking Coffee & Stands	13:30-14:00	Close
14:00-15:30	Session 2: Basic B12 Biology: SAM dependent Methyl-transferases & Epigenetics		
15:30-16:00	Networking Tea & Stands		
16:00-17:30	Session 3: Optimizing B-vitamin status to impact health outcomes		
17:30-19:00			
19:00-19:30	cluB-12 Drinks		
19:30-22:00	cluB-12 Annual Dinner		
22:00-23:00	Late Drinks - College Bar		
23:00	Close		

cluB-12 Symposium 2024

Thursday 19th September - Friday 20th September

Schedule of Talks

Speaker	Talk	Discussion	Title
Thursday 19th September			
Session 1		11:00-12:30	
Implementing NICE & B12 Alliance			
Chair - Dr. Willemina Rietsema			
Willemina Rietsema	30	15 mins	NICE Summary - Research Recommendations
Katrina Burchell	30	15 mins	cluB-12's B12 Alliance & Education Program Preview
Session 2			
Session 2		14:00-15:30	
Basic B12 Biology: SAM dependent Methyl-transferases & Epigenetics			
Chair - Prof. Edward Quadros			
Edward Quadros	20	10 mins	Introduction to SAM and SAM-dependent methylations
Soumen Konar	5	5 mins	Unraveling the Epigenetic Links to Childhood Obesity: Findings from the EDEN Cohort
Andrew Lawrence	15	5 mins	Biosynthesis of the Purine Analogues of Vitamin B12
Ari Green	20	10 mins	Understanding MS and the potential role for nutritional factors like B12 in its pathogenesis
Session 3			
Session 3		16:00-17:30	
Optimizing B-vitamin status to impact health outcomes			
Chair - Prof. Mary Ward			
Catherine Hughes	30	15 mins	B-vitamins, Cognition and Parkinson's Disease
Leane Hoey	20	10 mins	Impacts of fortified foods and supplement use on B-vitamin status in older adults <i>- findings from the TUDA study</i>
Luis Santos-Calderón	10	5 mins	Maternal cobalamin status, indicators and interactions from early pregnancy until birth <i>- Reus-Tarragona Birth Cohort Study</i>
Friday 20th September			
Session 4		09:00-10:30	
Rapid and Accurate Diagnosis / Biomarker Discovery			
Chair - Dr. Luciana Hannibal			
Jean Louis Guéant	20	5 mins	Metabolomic data in animal and cell models
Jean Louis Guéant	10	mins	The Nancy MMA/tHcy platform
Sree Gowrinadh Javvadi	20	mins	Advancements in B12 Biomarker determinations by LC-MS in Norwich
Luciana Hannibal	20	mins	Advancements in B12 Biomarker determinations by LC-MS in Freiburg
All		15 mins	Rapid and Accurate Diagnosis / Biomarker Discovery' Discussion
Session 5			
Session 5		11:00-12:30	
AGM & Keynote			
Chair - Mr P Julian Owen			
cluB-12 AGM	30	0 mins	
Ralph Green	45	15 mins	Keynote: 'Adventures in Wonderland – My journeys down the B12 rabbit-hole'