

# NMR in Biomedical Research: from Metabolomics to Structural Biology

09:00-10:00	Arrival and registration	New Hunt's House, LT1
10:00-10:20	Welcome and Introduction	<b>Prof. Sasi Conte</b> , King's College London, Director - Centre for Biomolecular Spectroscopy <b>Prof. Reza Razavi</b> , King's College London, Vice President & Vice-Principal (Research & Innovation)
10:20-11:10		<b>Prof. Lucia Banci</b> , CERM, University of Florence, Italy <i>'The contribution of NMR to the description of cellular processes'</i>
11:10-12:00		<b>Prof. Mike Shattock</b> , British Heart Foundation Centre of Research Excellence, King's College London <i>'The Salt of the Earth: NMR studies of Na elevation and metabolic dysfunction in heart failure'</i>
12:00-12:30		"Quick fire" session
12:30-13:40	Lunch	Henriette Raphael Building, Revelstoke Room
13:40-13:55		<b>Dr. Stefi Benjamin</b> , Randall Centre for Cell & Molecular Biophysics, King's College London <i>'Allosteric communication in the Fc region of Immunoglobulin E'</i>
13:55-14:10		<b>Miss Ingebjørg Hungnes</b> , School of Biomedical Engineering and Imaging Sciences, King's College London <i>'NMR analysis of a Rhenium bioconjugate: modelling novel radioactive medical imaging agents'</i>
14:10-14:25		<b>Dr. Eva Crosas Molist</b> , Randall Centre for Cell & Molecular Biophysics, King's College London <i>'NMR-based metabolomic investigation of metastatic melanoma'</i>
14:25-15:15		<b>Dr. Martin Blackledge</b> , Institut de Biologie Structurale, Grenoble, France <i>'NMR studies of large-scale protein conformational dynamics : From fundamental biophysics to functional biology'</i>
15:15-15:40	Tea, coffee and refreshments	Henriette Raphael Building, Revelstoke Room
15:40-15:55		<b>Dr. Alessandro Sicorello</b> , Department of Basic & Clinical Neuroscience, King's College London <i>'The structural properties in solution of the intrinsically mixed folded protein ataxin-3'</i>
15:55-16:45		<b>Prof. Art Edison</b> , Department of Biochemistry and Molecular Biology, University of Georgia, USA <i>'New methods for in vivo metabolomics'</i>
16:45-16:50		Closing remarks
16:50-17:00	Official opening of the NMR Facility	<b>Prof Ed Byrne AC</b> , President & Principal, King's College London
17:00-18:00	Drinks reception	Wolfson CARD, Foyer