



invitation to the seminar "bioenergetics & metabolism"

13.30 - 14.00	Sabrina Büttner , Cell Biology, Münster	Manganese-driven Coenzyme Q deficiency
14.10 - 14.40	Bent Brachvogel , Neonatology, Cologne	Metabolic rewiring caused by mitochondrial dysfunction promotes mTORC1-dependent skeletal aging
14.50 - 15.05	Lianne Jacobs , Biochemistry, Cologne	NDUFA2 as a redox sentinel controlling complex I turnover
15.10 - 15.50	break	
15.50 - 16.20	Peter Kreuzaler , Tissue Organisation and Metabolism, Cologne	Cofactor mediated cellular reprogramming
16.30 - 17.00	Sophie Lichtenauer , Plant Sciences, Münster	Deciphering hypoxic re-routing of redox and energy metabolism in living <i>Arabidopsis</i> leaves
17.10 - 17.25	Bianca Dempsey , Biochemistry, Cologne	The redox-regulated chaperone TRC40 protects human cells against ATP-depleting, oxidative stress

afterwards pizza, drinks, discussions

14.02.2025

**4th floor lecture hall
Center of Molecular Biosciences (CoMB),
Zülpicher Str. 47a, Universität zu Köln**

Ansprechpartner:

Carsten Berndt Neurologie, Universität Düsseldorf, Tel. 0211 8105150, berndt@hhu.de
Andreas Meyer Chemical Signalling, Universität Bonn, Tel. 0228 7360353, andreas.meyer@uni-bonn.de
Jan Riemer Biochemie, Universität zu Köln, Tel. 0221 470 7306, jan.riemer@uni-koeln.de



Valentine's Day flowers for all speakers