

**COST Action CM1001 WORKSHOP**  
**Detection and Quantification of Protein Modifications**  
**30 October 2014**

Technical University of Denmark, Anker Engeldunds Vej 1, 2800 Lyngby, Building 101A, S01

**Programme**

- 9h30-10h Registration & Coffee
- 10h-10h15 Welcome Tilman Grune, Caroline P. Baron
- 10h15-10h45 Prof. Michael Davies, Copenhagen University, DK  
"Protein oxidation: - why numbers matter"
- 10h45-. 11h30 Prof. Helen R Griffiths, Aston University, UK  
"The reality of protein carbonyl analysis - results of the ring study"
- 11h30-12h Dr Olgica Nedic, University of Belgrade, Serbia  
"Quality control and standardization in quantification of protein modifications"
- 12h- 12h30: Flash Presentations (5 min each)
- 12h30-13h30 Lunch (Sandwiches)
- 13h30-14h Prof. Georg T. Wondraks, University of Arizona, USA  
"Photodamage-associated protein epitopes in human skin: From molecular structure to tumorigenic function"
- 14h-14h30 Dr Adelina Rogowska-Wrzesinska, University of Southern Denmark, DK  
"Combinatorial analysis of reversible cysteine oxidations: S-nitrosylation and S-sulfonylation"
- 14h30-15h Prof. Andrew R. Pitt, Aston University, UK  
"Targeted MS methods for identifying protein oxidation and lipid modification: its complicated, so are you desperate?"
- 15h00-15h30 Coffee Break
- 15h30-16h Prof. Neven Zarkovic, Rudjer Boskovic Institute, Croatia  
"Detecting HNE-His class of advanced lipid oxidation end product."
- 16h-16h30 Prof. Dagmar Bruggemann, Max Rubner Institute, Germany  
"Can microscopy shed light onto oxidation and protein modification?"
- 16h30-17h Flash Presentations (5 min each)
- 17h-18h30 Networking with Beer & Sushi