

**Swedish NMR Centre 25 Year Anniversary
&
Nordic NMR RI Symposium**

October 12-13, 2016

*Wallenberg Conference Centre
Medicinaregatan 20, Gothenburg*

PROGRAM

October 12

- 13.30-13.45 Staffan Edén, Deputy vice-chancellor, University of Gothenburg
- 13.45-14.00 Göran Karlsson, Director, Swedish NMR Centre
The Swedish NMR Centre – Now and then
- 14.00 -14.50 **John Christodoulou, University College London**
Protein Folding on the Ribosome
- 14.50-15.20 Coffee
- 15.20-16.10 **Birthe Kragelund, University of Copenhagen**
*Bringing Chaos into Order -
Decision making in cellular signalling by disordered proteins*
- 16.10-17.00 **Ulrich Günther, University of Birmingham**
*Using Tracer Based Approaches to Study Metabolism in
Mammalian Cells*
- 17.00-18.30 Poster session & Mingel
- 18.30-22.00 Dinner for all registered participants

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Thursday , October 13
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- 08.30-09.10 **Patrik Lundström, Linköping University**
Calmodulin variants involved in Long QT syndrome: The same but different
- 09.10-09.25 **Per Rogne, University of Umeå**
Urea-Dependent adenylate kinase activation following redistribution of structural states
- 09.25-09.40 **Maria Saline, AstraZeneca**
Transcriptionfactor FoxO1 as a drug target - are IDPs druggable?
- 09.40-10.00 Coffee
- 10.00-10.40 **Hideo Iwai, Helsinki University**
Protein Ligation for Protein NMR and Beyond
- 10.40-11.20 **Frode Rise, University of Oslo**
Recent development at the Norwegian NMR Infrastructure
- 11.20-11.35 **Axel Abelein, Karolinska Institutet**
*Modulation of amyloid β peptide self-assembly –
Insights into molecular mechanisms of peptide aggregation*
- 11.35-11.50 **Oleg Antzutkin, Luleå University of Technology**
Binding of Curcumin to Amyloid Oligomers
- 12.00-13.00** **Lunch for registered participants**
- 13.00-13.40 **Gerhard Gröbner, Umeå University**
*Mitochondrial membrane organization in regulation of apoptosis:
Insight by NMR*
- 13.40-13.55 **Staffan Schantz, AstraZeneca**
New solid-state NMR methods for Characterisation of Controlled Release Formulations
- 13.55-14.45 **Guido Pintacuda, Ecole Normale Supérieure de Lyon**
*Solid-State NMR above 100 kHz MAS:
From non-crystalline proteins to battery materials*
- 14.45-14.50 Closing remarks (Göran Karlsson)
- 15.00** **END**