



UNIVERSITY OF GOTHENBURG  
THE SWEDISH NMR CENTRE

## WORKSHOP ON CELL-FREE PROTEIN SYNTHESIS

May 19-20, 2010

### May 19

- 10.00** Registration, overview of the program and collection of participant plasmids. *Coffee, tea and sandwiches will be served*
- 11.00** Setup of cell-free reactions and tour of the NMR centre. *Split into two groups, switch after ~30 min. Positive controls will be set up by SNC personnel.*
- 12.30** *Lunch*
- 13.15** Seminar: 'Cell-free protein synthesis: setup and optimization' *Anders Pedersen, SNC*
- 14.30** Purification and SDS-PAGE of expressed proteins
- 16.30** Participant presentations, 5-10 min each
- 17.30** Setup of  $^1\text{H}$ ,  $^{15}\text{N}$ -HSQC on isotopically labeled positive control
- 18.30** Walk down to restaurant from the NMR centre

### May 20

- 09.00** Presentation and discussion of expression results
- 09.45** Seminar: 'Challenging expression targets' *Anders Pedersen, SNC*
- 10.45** *Coffee*
- 11.15** Seminar: 'Protein production at SGC Stockholm' *Susanne van den Berg, SGC*
- 12.00** *Lunch*
- 13.00** Participant presentations cont'd, 5-10 min each
- 14.00** Closing and final discussion