**LiU-Neuro retreat Sandvik Gård 6-7 October**

**Thursday 6 October**

8:30 Departure from HU

9:30 Arrival to Sandvik Gård/Coffee

10:30 Introduction (Fredrik Elinder, LiU-Neuro steering committee)

10.45 Neuro-engineering for navigation and intervention in neurosurgery

(Karin Wårdell, LiU-Neuro steering committee)

11:30 The Meso Scale Discovery (MSD) Immuno Assay Platform: A new versatile tool for the LiU Neurobiology Centre (Per Hammarström, LiU Neuro Steering committee)

12:00 Lunch

13:00 Alzheimer’s disease; healthy neuron to sick neuron to sick brain, but why? (Martin Hallbeck, LiO FoAss)

13:30 Multimodal tools for studying protein aggregates and neural stem cells

(Peter Nilsson, LiU FoAss)

14:00 Tracking a complete voltage-sensor cycle with metal-ion bridges

(Ulrike Henrion, LiU-Neuro Post doc)

14:20 Refilling of vesicles at glutamatergic synapses in the thalamus

(Sarah Lindström, LiU-Neuro Post doc)

14:40 The roles of glucocorticoids in maintenance of reproductive function under stress conditions

(Takashi Matsuwaki, LiU-Neuro Post doc)

15:00 Coffee

15:30 Free time (access to spa, time for science discussion)

17:30 Inspiring colleagues, curiosity, perseverance and serendipity, but most of all curiosity

(Lars Olson, KI)

19:00 Dinner

**Friday 7 October**

8:00 Breakfast

9:30 Misfolding and amyloid formation of mammalian prion proteins

(Rajesh Mishra, LiU-Neuro Post doc)

9:50 Parental exposure and the consequence for the offspring: bridging the gap between

chickens and humans (Daniel Nätt, LiU-Neuro Post doc)

10:10 Coffee

10:40 What is Neuroeconomics? (Camilla Josephson, LiU FoAss)

11:10 NanoString nCounter (Annika Thorsell and Derek Potter)

12:00 Lunch

13:00 Departure

14:00 Arrival to HU