Signaling cascades cross talking to Notch in development and pathology;
October 11-12, 2010

This theoretical two-day course focuses on how Notch signaling intersects with other signaling mechanisms, and how this cross-talk is manifested both during normal development and in pathology. More specifically, the course addresses how Notch signaling is involved in cell fate determination during normal embryonic development and in the adult organism, and how deranged Notch signaling contributes to various pathologies. Topics include Notch/BMP-TGF-beta, Notch/hypoxia, Notch/PI3 kinase cross-talk and the role of Notch in neurogenesis,, vasculogenesis, heamatopoietic development, cardiology and epithelial-mesenchymal transition.

Oct 11

9.00	Introduction
9.30	**Kristian Pietras**, Karolinska Institute "Notch signaling and its therapeutic potential"
10.30	Coffee
11.00	**Sasan Zandi**, Linköping University "Notch signaling in heamatopoiesis"
12.00	Lunch
13.00	**Christian Göritz**, Karolinska Institute "Notch signaling in neurogenesis"
14.00	Coffee
14.30	**Urban Lendahl**, Karolinska Institute "Notch and hypoxia"
15.30	Literature Studies

Oct 12

9.00	**Cecilia Sahlgren**, University of Turku "Notch signaling and cellular metabolism"
10.00	Coffee
10.30	**Aris Moustakas**, Uppsala University "Notch signaling and epithelial-mesenchymal transition"
12.00	Lunch
13.00	**Christer Betsholtz**, Karolinska Institute "Notch signaling in vascular development"
14.00	Coffee
14.30	Group discussions

The course will be held at the Karolinska Institute in Stockholm, in the following lecture halls:

Locations:	Oct 11:	9.00 – 9.20	CMB, A216, Berzeliusväg 35
	Oct 11:	9.30 – 13.00	Petrensalen, Nobelsväg 12B
	Oct 11:	13.00 - 17.00	Rockefellersalen, Nobelsväg 11
	Oct 12:	9.00 – 17.00	Atrium, Nobelsväg 12B

Interactive map for the Campus, please visit: http://www.kartguiden.com/mappage.asp?MapID=1024

For registration, please email: Andras.Simon@ki.se (deadline October 6)