

Brain integrative processing through Oligomeric receptor complexes

Chairs: Kjell Fuxe, Per Svenningsson, Vladana Vukojevic and Dasiel o. Borroto-Escuela.

08:55-09:00	Welcome Introduction by Kjell Fuxe		
Chair: Per Svenningsson			
	Speaker	Organisation	Subject area/talk
09:00-09:30	Graeme Milligan (UK) graeme.milligan@glasgow.ac.uk	University of Glasgow	On the molecular basis of the oligomeric organization of GPCRs
09:30-10:00	Aylin Hanyaloglu (UK) a.hanyaloglu@imperial.ac.uk	Imperial College London	Single-molecule resolution of GPCR complexes
10:00-10:30	Kjell Fuxe (Sweden) Kjell.Fuxe@ki.se	Karolinska institutet, Stockholm	Molecular integration in the CNS through formation of A2AR-D2R heteroreceptor complexes. Focus on cocaine reward and addiction.
10:30-11:00	Coffee break		
Chair: Dasiel Borroto-Escuela			
11:00-11:30	Rafael Franco (Spain) rfranco123@gmail.com	University of Barcelona	On the role of GPCR heteroreceptor complexes in neurological disorders
11:30-12:00	Francisco Ciruela (Spain) fciruela@ub.edu	University of Barcelona	On the role of the GPR37-D2R heteroreceptor complexes in Parkinson's diseases.
12:00-12:30	Gunnar Schulte (Sweden) gunnar.schulte@ki.se	Karolinska Institutet	Activation mechanisms of Class F receptors. Role of the dimerization processes.
12:30-13:30	Lunch break and Poster session		
Chair: Kjell Fuxe			
13:30-14:00	Per Svenningsson (Sweden) per.svenningsson@ki.se	Karolinska Institutet	The cellular scaffold protein p11 as a modulator of the therapeutic effects of levodopa in Parkinson's disease.
14:00-14:30	Gemma Navarro (Spain) dimartts@hotmail.com	University of Barcelona	CB1 and CB2 heteroreceptor complexes and their modulation of brain functions
14:30-15:00	Fang Liu (Canada) fang.liu@camh.ca	Centre for Addiction and Mental Health, Toronto	NMDAR-DAR and D2-DISC1 heterocomplexes as potential therapeutic targets
15:00-15:30	Coffee break		
Chair: Vladana Vukojevic vladana.vukojevic@ki.se			
15:30-16:00	Peter McCormick (UK) p.mccormick@surrey.ac.uk	University of Surrey	Heteroreceptors as therapeutic targets
16:00-16:30	Eddy Sotelo (Spain) e.sotelo@usc.es	Universidad de Santiago de Compostela	Bivalent chemical probes to explore GPCR oligomerization
16:30-17:00	Thomas Sakmar (USA) sakmar@rockefeller.edu	Rockefeller University	Understanding G protein subtype-specific signaling bias in CCR5
17:00-17:30	Dasiel Borroto-Escuela (Sweden) Dasiel.Borroto.Escuela@ki.se	Karolinska Institutet, Stockholm	5-HT1A Heteroreceptor Complexes: Implications for Understanding and Treating major depression.
17.30-17.35	Conclusion by Per Svenningsson		
18.00 Dinner at Aula Medica House			