

SECTION 12**Behaviour and Neurobiology**

CONVENORS: James W. Truman (USA) and Giovanni Galizia (Germany)

07 July 2008SESSION NO. **2**

Symposium Reference No **12.01** **Signalling by G Protein-coupled receptors in arthropods** Room No: MR 21DEF
 Symposium Organisers: Wolfgang Blenau (Germany), Arnd Baumann (Germany) & Patricia Pietrantonio (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	1733	The insect chemoreceptor superfamily Authors Hugh Robertson	Hugh Robertson
2	09:15	263	Control and modulation of salivary secretion in <i>Periplaneta americana</i> Authors Wolfgang Blenau Britta Troppmann Jeannine Witte	Wolfgang Blenau
3	09:30	1050	The roles of PKC in mediating 20E-induced gene expression in salivary glands of <i>Drosophila melanogaster</i> Authors Qisheng Song Yaning Sun Shiheng An	Qisheng Song
4	09:45	1284	Sex peptide receptor, a G-protein coupled receptor that mediates the post-mating switch in <i>Drosophila</i> reproductive behaviours Authors Young-Joon Kim Nilay Yapici Carlos Ribeiro	Young-Joon Kim
5	10:00	1510	G protein-coupled receptors and their signaling properties in flies and locusts Authors Jozef Vanden Broeck Tom Van Loy Heleen Verlinden	Jozef Vanden Broeck
6	10:15	1723	Metamorphosis to the postgenomic era: RNA interference of neuropeptidergic systems in the red flour beetle <i>Tribolium castaneum</i> Authors Yoonseong Park Richard Beeman	Yoonseong Park

SESSION NO. **3**

Symposium Reference No **12.08** **Tea Break** Room No: Hall 3ABC
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	10:30	0	Tea Break Authors	Tea Break

SESSION NO. **4**

Symposium Reference No **12.01** **Signalling by G Protein-coupled receptors in arthropods** Room No: MR 21DEF
 Symposium Organisers: Wolfgang Blenau (Germany), Arnd Baumann (Germany) & Patricia Pietrantonio (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
7	11:00	3052	G protein-coupled receptors from tick (<i>Rhipicephalus microplus</i>) and mosquito (<i>Aedes aegypti</i>): biological significance and peptidomimetic design for target validation Authors Patricia Pietrantonio Ronald Nachman Suparna Taneja-Bageshwar	Patricia Pietrantonio
8	11:15	1091	Royal manipulation of G-protein coupled receptors in the brain of the bee: impacts on brain function and behaviour Authors Alison Mercer Kyle Beggs	Alison Mercer
9	11:30	1405	Mechanism of multiple functional coupling of a <i>Bombyx mori</i> octopamine receptor Authors Yoshihisa Ozoe Jia Huang	Yoshihisa Ozoe
10	11:45	1516	Link between the circadian clock and metabolism in <i>Drosophila melanogaster</i> Authors Kanyan Xu Xiangzhong Zheng Amita Sehgal	Amita Sehgal
11	12:00	2023	The role of dopaminergic G protein coupled receptors (GPCRs) in the homeostatic regulation of the transient potassium current (IA) in arthropod neurons Authors Deborah Baro Merry Clark Hongmei Zhang	Deborah Baro

SESSION NO. **5**

Symposium Reference No **12.017** **Lunch Break & Posters** Room No: Hall 3ABC
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	Lunch Break & Posters Authors	Lunch Break & Posters

SESSION NO. **6**

Symposium Reference No		12.03	Peptides and behaviour		Room No:	MR 21DEF
Symposium Organisers:		Mike Adams (USA) & Sabine Kreissl (Germany)				
Order	Start	Abstract No.	Presentation Title			Presenting Author
12	14:00	112	Functional roles of short neuropeptide F in the brain of Drosophila			Dick R. Nassel
			Authors Dick R. Nassel Lina E. Enell Elisabeth Gustafsson			
13	14:30	2996	Molecular evolution and functional significance of Drosophila neuropeptide copies			Christian Wegener
			Authors Christian Wegener Anton Gorbashov			
14	14:45	2127	Mass spectrometric analysis of neuropeptide-synthesizing neurons in the CNS of insects			Suzanne Neupert
			Authors Reinhard Predel Susanne Neupert			
15	15:00	1736	Peptidergic and monoaminergic mechanisms regulating circadian rhythms in insects			Makio Takeda
			Authors Makio Takeda Susumu Hiragaki Qi-Miao Shao			
16	15:15	594	Neural circuits controlling feeding behavior and metabolism in Drosophila			Michael Pankratz
			Authors Michael Pankratz			
SESSION NO.		7				
Symposium Reference No		12.014	Tea Break		Room No:	Hall 3ABC
Symposium Organisers:						
Order	Start	Abstract No.	Presentation Title			Presenting Author
0	15:30	0	Tea Break			Tea Break
			Authors			
SESSION NO.		8				
Symposium Reference No		12.03	Peptides and behaviour		Room No:	MR 21DEF
Symposium Organisers:		Mike Adams (USA) & Sabine Kreissl (Germany)				
Order	Start	Abstract No.	Presentation Title			Presenting Author
17	16:00	3154	Initiation and scheduling of an innate behavioral sequence by central peptidergic ensembles			Michael Adams
			Authors Young-Joon Kim Dusan Zitnan C. Giovanni Galizia			
18	16:15	3009	Integration of neuropeptidergic signaling and stress behaviors via the AMP-activated kinase in Drosophila			Erik Johnson
			Authors Erik Johnson Colin Bretz Lindsay Williamson			
19	16:30	204	Neuropeptides, receptors and innate behaviors in the silkmoth Bombyx mori			Dusan Zitnan
			Authors Dusan Zitnan Ladislav Roller Ivana Daubnerová			
20	16:45	1140	Neuromodulation-induced neural circuit interaction in the desert locust			Amir Ayali
			Authors David Rand Yael Zilberstein Amir Ayali			
21	17:00	3038	Allatostatin A, a candidate peptide in olfaction driven behavior			Sabine Kreissl
			Authors Sabine Kreissl Christine Strasser Giovanni Galizia			

08 October 2008