

SUNDAY 19th AUGUST				
From	To	Session	Session Organisers	Room Name
14.00	18.00	Registration Open Welcome from CECE 2018 Local Organising Committee Chair <i>Professor Julian Down, University of Glasgow, UK</i> and Welcome from ESCE President <i>Professor Horst-Werner Korf</i>		Hunter Halls
17.50	17.55			Hunter Halls
17.55	18.00	Welcome to Glasgow from Bailie Malcolm Balfour on behalf of the Lord Provost		Hunter Halls
18.00	18.45	Keynote Lecture: Light and Sleep Signalling to The Molecular Clockwork <i>Professor Russell Foster, University of Oxford, UK</i>		Hunter Halls
19.00	20.30	Opening Civic Reception supported by Glasgow City Council and Exhibition		Hunter Halls
MONDAY 20th AUGUST				
From	To	Session	Session Organisers	Room Name
08.00	17.30	Registration Open		Hunter Halls
08.30	09.30	Plenary 1 - What Wild Animals Can Tell Us About the Physiology of Stress <i>Professor Michael Romero, Tufts University, USA</i>		Hunter Halls
09.30	10.30	Parallel Sessions 1		
09.30	10.30	1A: Evolution of Neuropeptide Function in the Animal Kingdom: Conservation or Diversification? (1)	Professor Maurice Elphick, UK Dr Isabel Beets, UK Dr Elizabeth Williams, UK	Hunter Halls
09.30	10.00	1A-S1 - Peptidergic Signaling in Plazoans <i>Dr Frederique Varoqueaux, Université de Lausanne, Switzerland</i>		
10.00	10.30	1A-S2 - New Insights into the Evolution of the Molluscan Buccalin System <i>Dr Scott Cummings, University of the Sunshine Coast, Australia</i>		
09.30	10.30	1B: Circadian Endocrinology	Professor Horst Korf, Germany Professor Dan Larhammar, Sweden	East Quad Lecture Theatre 1
09.30	10.00	1B-S1 - How Disorganized Clocks may Disturb Hormone Rhythms and Result in Metabolic Disorders <i>Professor Andries Kalsbeek, Hypothalamic Integration Mechanisms, Netherlands Institute for Neuroscience (NIN), Amsterdam</i>		
10.00	10.30	1B-S2 - The Hormone Melatonin within the Circadian System <i>Mr Paul Pevet, Cnrs, University of Strasbourg, France</i>		
09.30	10.30	1C: Endocrine Disruptors and Reproductive Health	Dr Winkins Santosh, India Dr Olivier Kah, France	Humanities Lecture Theatre
09.30	10.00	1C-S1 - Perinatal SSRI Medication Effects on Neuroendocrine Outcomes in Males and Females <i>Dr Jodi L. Pawluski, University of Rennes, France</i>		
10.00	10.30	1C-S2 - Integrated Approaches to Investigate the Effect of Progestins in Fish and their Occurrence in The Aquatic Environment <i>Dr Francois Briand, Institut National de l'Environnement Industriel et des Risques (INERIS), France</i>		
10.30	11.00	Tea, Coffee and Poster Viewing		Hunter Halls
11.00	12.30	1A cont'd: Evolution of Neuropeptide Function in the Animal Kingdom: Conservation or Diversification? (1)	Professor Maurice Elphick, UK Dr Isabel Beets, UK Dr Elizabeth Williams, UK	Hunter Halls
11.00	11.20	1A-I1 - Evolution of Neuroendocrine Signalling Systems: Insights from a Lophotrochozoa, The Oyster <i>Crasostrea gigas</i> <i>Professor Pascal Favrel, Université de Caen Normandie, France</i>		
11.20	11.40	1A-I2 - Different Signaling Modes of Myoinhibitory Peptide in the Polychaete <i>Platynereis</i> <i>Dr Elizabeth Williams, University of Exeter, UK</i>		
11.40	11.55	1A-O1: Interaction of Starfish Gonadotropin with its Receptor: Effect of Chimera Relaxin-like gonad-stimulating Peptides <i>Professor Masatoshi Mito, Tokyo Gakugei University, Japan</i>		
11.55	12.10	1A-O2: Characterization of Neuropeptide-5/CCAP-type Signalling in an Echinoderm Reveals Roles in Regulation of Feeding and Locomotion <i>Dr Ana B Tinoco Perez, Queen Mary University of London, UK</i>		
12.10	12.25	1A-O3: Characterisation of Somatostatin-type Signalling in an Echinoderm <i>Ms Ya Zhang, Queen Mary University of London, UK</i>		
12.25	12.30	Wrap up and Discussion		
11.00	12.30	1B cont'd: Circadian Endocrinology	Professor Horst Korf, Germany Professor Dan Larhammar, Sweden	East Quad Lecture Theatre 1
11.00	11.30	1B-S3 - Long Term Behavioral Observations on Melatonin-Proficient and Melatonin-Deficient Lab Mice under Conditions of a Natural Abiotic Entrainment <i>Dr Helmut Wicht, Goethe-universität Frankfurt, Germany</i>		
11.30	11.50	1B-O1: Circadian Clock, Seasonality and Hormones in Insect Model, <i>Pyrrhocoris apterus</i> <i>Mr David Dolezel, Biology Center, Czech Acad Sciences, Czech Republic</i>		
11.50	12.10	1B-O2: Lunar-related Changes in Transcript Levels of Gonadotropin-releasing Hormones and Gonadotropins: Possible Roles of Moonlight and Melatonin <i>Professor Akihira Takemura, University of the Ryukyus, Japan</i>		
12.10	12.30	1B-O3: Alternate Melatonin and Glucocorticoid Treatment Facilitates the Reconstitution of Rhythmic Clock Gene Expression in Colon Cancer Cell Lines <i>Dr Martina Pfeffer, University Duesseldorf, Germany</i>		
11.00	12.30	1C cont'd: Endocrine Disruptors and Reproductive Health	Dr Winkins Santosh, India Dr Olivier Kah, France	Humanities Lecture Theatre
11.00	11.20	1C-I3 - Glyphosate and Glyphosate-based Herbicide Exposure During the Peripartum Period affects Maternal Brain Plasticity, Maternal Behavior, Microbiome and Offspring Outcome <i>Professor Thierry Charlier, Irset- University of Rennes1, France</i>		
11.20	11.40	1C-I4 - Prenatal Exposure to Endocrine Disrupting Chemicals (EDCS) and its Possible Effect on Reproductive Health <i>Dr Winkins Santosh, Government Arts College For Men, India</i>		
11.40	11.55	1C-O1: Effects of Ethinylestradiol on the Ontogenesis of Kisspeptins and GnRHs System in European Sea Bass <i>Mr Florent Nihoul, Université du Havre Normandie, France</i>		
11.55	12.10	1C-O3: Ocean Acidification Impacts the Reproductive Process of the European Sea Bass <i>Dr Arianna Servili, Ifremer, LEMAR UMR 6539, France</i>		
12.10	12.25	1C-O4: The Yin and Yang of Metazoan Endocrine Systems in the Anthropocene Epoch <i>Dr Filipe Castro, Climr-up, Portugal</i>		
12.25	12.30	Wrap up and Discussion		
12.30	13.30	Lunch		Hunter Halls
13.30	14.30	Plenary 2 - The Complex Impact of Natural Light on Physiology and Behavior: Man is but a Worm? <i>Professor Kristin Tessmar-Raible, Mfpl/University of Vienna, Austria</i>		Hunter Halls
14.30	17.30	Parallel Sessions 2		
14.30	15.30	2A: Evolution of Neuropeptide Function in the Animal Kingdom: Conservation or Diversification? (2)	Professor Maurice Elphick, UK Dr Isabel Beets, UK Dr Elizabeth Williams, UK	Hunter Halls
14.30	15.00	2A-S3 - Assessing the Function of Pigment Dispersing Factor Outside Ecdysozoans <i>Dr Florian Raible, University of Vienna, Austria</i>		
15.00	15.30	2A-S4 - Evolution and Functions of Neuropeptide Signaling Networks in <i>C. elegans</i> <i>Dr Isabel Beets, MRC Laboratory of Molecular Biology, UK</i>		
14.30	15.30	2B: Endocrinology of Mineralized Tissue, from Invertebrates to Vertebrates	Dr Joao Cardoso, Portugal Professor Deborah Power, Portugal	East Quad Lecture Theatre 1
14.30	15.00	2B-S1 - Peripheral and Central Effects of Thyroid Hormones on the Skeleton <i>Professor Graham R. Williams, Imperial College London, UK</i>		
15.00	15.30	2B-S2 - Understanding Growth Hormone Action on the Skeleton: The Role of SOCS2 <i>Professor Colin Farquharson, Roslin Institute and R(D)SVS, University of Edinburgh, UK</i>		
14.30	15.30	2C: Informatic and technological approaches to GPCRs and Signalling	Dr Heleen Verlinden, Belgium Dr Cynthia Lenaerts, Belgium	Humanities Lecture Theatre
14.30	15.00	2C-S1 - Chemogenetic and Biosensor Approaches to Explore and Validate Poorly Studied G Protein-coupled Receptors <i>Professor Graeme Milligan, Institute of Molecular Cell and Systems Biology, UK</i>		
15.00	15.30	2C-S2 - Simulating GPCR Motions at Atomistic Resolution <i>Professor Jana Selent, Pompeu Fabra University (UPF), Barcelona</i>		
15.30	16.00	Tea, Coffee and Poster Viewing		Hunter Halls
16.00	17.30	2A cont'd: Evolution of Neuropeptide Function in the Animal Kingdom: Conservation or Diversification? (2)	Professor Maurice Elphick, UK Dr Isabel Beets, UK Dr Elizabeth Williams, UK	Hunter Halls
16.00	16.15	2A-O1: The Gastric caecum of larval <i>Aedes aegypti</i> : Regionalization of ion-motive ATPases, and Modulation of ion Transport by Serotonin and Neuropeptides <i>Miss Natalie D'Silva, McMaster University, Canada</i>		
16.15	16.30	2A-O2: Kisspeptins and GnRHs Ontogenesis in the Brain of the European Sea Bass, <i>Dicentrarchus labrax</i> <i>Mr Florent Nihoul, Université du Havre Normandie, France</i>		
16.30	16.45	2A-O3: Early Evolution of Growth Hormone Receptor/Prolactin Receptor in Sea Lamprey and its Functional Role in Metamorphosis and Sea Water Exposure <i>Dr Ningping Gong, Texas Tech University, USA</i>		
16.45	17.00	2A-O4: Distribution of Urotensin II Receptor in the African Clawed Frog Provides Insights into Novel Functions of Urotensin II <i>Dr Norifumi Kanno, University of Toyama, Japan</i>		
17.00	17.15	2A-O5: Transcriptional Regulation of the <i>CRRH2</i> Gene in the Thyrotropes of the Chicken Pituitary Gland <i>Ms Ellyse Noy, La Trobe University, Australia</i>		

17.15	17.30	Wrap up and Discussion		
16.00	17.30	<b>2B cont'd: Endocrinology of Mineralized Tissue, from Invertebrates to Vertebrates</b>	Dr Joao Cardoso, Portugal Professor Deborah Power, Portugal	East Quad Lecture Theatre 1
16.00	16.15	<b>2B-O1: Homologues of the Vertebrate Calcitonin-like System in Molluscs and their Potential Role in Shell Mineralization</b> <i>Dr Joao Cardoso, Center of Marine Sciences, Portugal</i>		
16.15	16.30	<b>2B-O2: Zinc Deficiency-induce Downregulation of Wnt/<math>\beta</math>-catenin Signaling Pathway</b> <i>Miss Seetharam Deepa, University of Hyderabad, India</i>		
16.30	16.45	<b>2B-O3: Thyroid Hormone Signaling-related Gene Expression in the Hind Limbs of the Direct-developing Frog <i>Eleutherodactylus coqui</i> and Xenopus tropicalis</b> <i>Ms Mara Laslo, Harvard University, USA</i>		
16.45	17.00	<b>2B-O4: Na<sup>+</sup>/H<sup>+</sup> Exchanger Regulatory Factor Srp1 Modulates Renal Stones Formation</b> <i>Mr Saurav Ghimire, University of Glasgow, UK</i>		
17.00	17.30	Wrap up and Discussion		
16.00	17.30	<b>2C cont'd: Informatic and technological approaches to GPCRs and Signalling</b>	Dr Heleen Verlinden, Belgium Dr Cynthia Lenaerts, Belgium	Humanities Lecture Theatre
16.00	16.25	<b>2C-I1: Getting to the Heart of The Corazonin Receptor: G-Protein Coupled Receptor Deorphanisation in a Crustacean Model</b> <i>Dr Jodi L. Alexander, Bangor University, United Kingdom</i>		
16.25	16.50	<b>2C-I2 - Exploring New Horizons with Electrical Impedance Spectroscopy</b> <i>Dr Eddy-Tim Verjans, CellSine, Belgium</i>		
16.50	17.05	<b>2C-O1: The Neuroendocrine Control of Beetle Renal Function and its Evolutionary Origins</b> <i>Professor Kenneth Halberg, University of Copenhagen, Denmark</i>		
17.05	17.20	<b>2C-O2: A Coordinated Transcriptomic and Peptidomic Approach for Identification of Neuropeptides and their Receptors in the Large Pine Weevil, <i>Hylobius abietis</i>, A Major Forestry Pest</b> <i>Mr Aniruddah Pandit, University of Glasgow, UK</i>		
17.20	17.30	Wrap up and Discussion		
17.30	19.00	POSTER SESSION		Hunter Halls

TUESDAY 21st AUGUST				
From	To	Session	Session Organisers	Room Name
08.00	18.30	Registration Open		Hunter Halls
08.30	09.30	Plenary 3 - Finding Missing Links in the Evolution of Neuropeptide Signalling <i>Professor Maurice Elphick, Queen Mary University of London, UK</i>		Hunter Halls
09.30	10.30	Parallel Sessions 3		
09.30	10.30	<b>3A: Progress in Comparative Endocrinology: Evolution and Functions of Neuropeptide Signalling Systems (1)</b>	Dr Jozef Vanden Broeck, Belgium Dr Meet Zandawala, Sweden Dr Jean-Paul Paluzzi, Canada	Hunter Halls
09.30	10.00	<b>3A-S1 - The Complex World of Insulin-Like Peptides: Insights from Two Members of Arthropoda</b> <i>Dr. Manika Gullia-Nuss, University of Nevada, USA</i>		
10.00	10.30	<b>3A-S2 - Has Cross-talk Between GPCRs Systems in Host-parasite Interactions Shaped their Evolution?</b> <i>Dr. Deborah Power, University of Algarve, Portugal</i>		
09.30	10.30	<b>3B: Neuroendocrinology of Social Behaviour</b>	Professor Gil Levkowitz, Israel Professor Oliver Bosch, Germany	East Quad Lecture Theatre 1
09.30	10.00	<b>3B-S1 - How the Development of Oxytocin Neurons Affects Social Behaviour of Zebrafish</b> <i>Professor Gil Levkowitz, The Weizmann Institute of Science, Israel</i>		
10.00	10.30	<b>3B-S2 - From Pair Bond to Partner Loss: Neuropeptides are Indispensable</b> <i>Professor Oliver J. Bosch, University of Regensburg, Germany</i>		
09.30	10.30	<b>3C: Arthropod GPCRs; Functions and Applications</b>	Dr Neil Audsley, UK	Humanities Lecture Theatre
09.30	10.00	<b>3C-S1 - Expression and Functional Characterization of Neuropeptide Receptors in <i>Bombyx mori</i></b> <i>Dr Dusan Zitnan, Institute of Zoology, Slovakia</i>		
10.00	10.30	<b>3C-S2 - Adoptive Ligands at the Receptor Orphanage- Deorphanising GPCR/ligand pairs in Crustaceans- A Strategy to Reveal Function?</b> <i>Professor Simon Webster, Bangor University, UK</i>		
10.30	11.00	Tea, Coffee and Poster Viewing		Hunter Halls
11.00	12.30	<b>3A cont'd: Progress in Comparative Endocrinology: Evolution and Functions of Neuropeptide Signalling Systems (1)</b>	Dr Jozef Vanden Broeck, Belgium Dr Meet Zandawala, Sweden Dr Jean-Paul Paluzzi, Canada	Hunter Halls
11.00	11.20	<b>3A-I1 - The Enigmatic Origin of Vertebrate Neuropeptide Systems: Genome Doublings Investigated in Lampreys for The CRH Peptide Family</b> <i>Dr Dan Larhammar, Uppsala University, Sweden</i>		
11.20	11.40	<b>3A-I2 - What Oxytocin-like Signalling System does in Ants?</b> <i>Dr Zita Liutkeviciute, KU Leuven, Belgium</i>		
11.40	12.00	<b>3A-O1: Analysis of the Role of the M<math>\mu</math>4r System on Development, Growth and Puberty of Medaka</b> <i>Ms Ruiqi Liu, University Wuerzburg, Germany</i>		
12.00	12.20	<b>3A-O2: The Kisspeptin Signalling System: Insights from an Echinoderm</b> <i>Dr Dean Semmens, Queen Mary University of London, UK</i>		
12.20	12.30	Wrap up and Discussions		
11.00	12.30	<b>3B cont'd: Neuroendocrinology of Social Behaviour</b>	Professor Gil Levkowitz, Israel Professor Oliver Bosch, Germany	East Quad Lecture Theatre 1
11.00	11.30	<b>3B-I1 - How Oxygen and Neuropeptide Signalling Regulate a Social Behaviour in <i>C. elegans</i></b> <i>Dr Karl Emanuel Busch, Edinburgh Medical School, UK</i>		
11.30	12.00	<b>3B-I2 - Interactions Between Hormones, Behaviour, and Reproductive Success in Phocid Seals; Oxytocin and Social Transitions Between Solitary Foraging and Colony Living</b> <i>Dr Kelly J. Robinson, University of St Andrews, UK</i>		
12.00	12.30	Wrap up and Discussions		
11.00	12.30	<b>3C cont'd: Arthropod GPCRs; Functions and Applications</b>	Dr Neil Audsley, UK	Humanities Lecture Theatre
11.00	11.20	<b>3C-I1 - Targeting GPCRs to Reduce Pest Populations</b> <i>Dr Neil Audsley, FERA, UK</i>		
11.20	11.40	<b>3C-I2- Multiple Physiological Roles of Myosuppressin Signalling in Dipteran Insects</b> <i>Professor Elwyn Isaac, University of Leeds, UK</i>		
11.40	12.00	<b>3C-O1: Molecular Genetic Analyses of Sex Peptide Receptor and its Signaling Peptide Ligands in Multiple Behavioral Paradigms</b> <i>Professor Young-joon Kim, Gist, South Korea</i>		
12.00	12.20	<b>3C-O2: Neuropeptides and their Receptors in the Two-spotted Cricket <i>Gryllus bimaculatus</i></b> <i>Professor Shinji Nagata, University of Tokyo, Japan</i>		
12.20	12.30	Wrap up and Discussions		
12.30	13.30	Lunch		Hunter Halls
13.30	14.30	Plenary 4 - Hormonal Pheromones in Teleost Fishes <i>Professor Adelino Canario, Algarve Centre for Marine Sciences, Portugal</i>		Hunter Halls
14.30	17.30	Parallel Sessions 4		
14.30	15.30	<b>4A: Progress in Comparative Endocrinology: Evolution and Functions of Neuropeptide Signalling Systems (2)</b>	Dr Jozef Vanden Broeck, Belgium Dr Meet Zandawala, Sweden Dr Jean-Paul Paluzzi, Canada	Hunter Halls
14.30	15.00	<b>4A-S1 - Neuropeptidic Regulation of Oocyte Maturation and Spawning in the Hydrozoan Jellyfish <i>Clytia hemisphaerica</i></b> <i>Dr. Evelyn Houlston, CNRS, France</i>		
15.00	15.30	<b>4A-S2 - Unraveling the Evolution and Functions of Corazonin Signaling System: Insights from <i>Drosophila</i></b> <i>Dr. Meet Zandawala, Stockholm University, Sweden</i>		
14.30	15.30	<b>4B: General and Comparative Endocrinology</b>	Professor Julian Dow, UK	East Quad Lecture Theatre 1
14.30	14.50	<b>4B-O1: Stressor Effects on The Visual Attention to Food in Humans</b> <i>Professor James Carr, Texas Tech University, USA</i>		
14.50	15.10	<b>4B-O3: Knockdown of the Thyroid Hormone Transporter MCT8 in Retinal Precursor Cells Disrupts Chicken Retinal Development in a Cell-specific and Persistent Way</b> <i>Professor Veerle Darras, KU Leuven, Belgium</i>		
15.10	15.30	Wrap up and Discussions		
14.30	15.30	<b>4C: Omics and Physiology of Insect Neuropeptides (1)</b>	Professor Shireen Davies, UK	Humanities Lecture Theatre
14.30	15.00	<b>4C-S1- Multi-omics Approaches to Understand Insect Renal Function</b> <i>Professor Julian Dow, University of Glasgow, UK</i>		
15.00	15.30	<b>4C-S2 - The Good and The Bad: Do the Neuropeptidomes of Pest Insects Provide Targets for Control Strategies that do not affect Beneficial Insects?</b> <i>Professor Dr Reinhard Predel, University of Cologne, Germany</i>		
15.30	16.00	Tea, Coffee and Poster Viewing		Hunter Halls
16.00	17.30	<b>4A Cont'd: Progress in Comparative Endocrinology: Evolution and Functions of Neuropeptide Signalling Systems (2)</b>	Dr Jozef Vanden Broeck, Belgium Dr Meet Zandawala, Sweden Dr Jean-Paul Paluzzi, Canada	Hunter Halls
16.00	16.20	<b>4A-I1- Anti-Diuretic Hormones in Insects: Progress on the Function of CAPA Gene-derived Peptides in Mosquitoes</b> <i>Dr. Jean-Paul Paluzzi, York University, Canada</i>		
16.20	16.40	<b>4A-I2- Functional Divergence of Two GnRH Superfamily Members in a Gastropod Mollusk</b> <i>Dr. Pei-San Tsai, University of Colorado Boulder, USA</i>		
16.40	17.00	<b>4A-O1: Discovery of a Neuropeptide Y/short Neuropeptide F Related Signalling System in Echinoderms</b> <i>Miss Xingxing Zhong, Queen Mary University of London, UK</i>		
17.00	17.20	<b>4A-O2: GnRH-like Signaling Integrates Lunar Phase and Food Intake to Regulate Growth, Regeneration and Sexual Maturation in Platynereis</b> <i>Dr Gabriele Andreatto, University of Vienna, Austria</i>		
17.20	17.30	Wrap up and Discussions		
16.00	17.30	<b>4B Cont'd: General and Comparative Endocrinology</b>	Professor Julian Dow, UK	East Quad Lecture Theatre 1

16.00	16.20			
16.40	17.00	<b>4B-06: The Role of Ecdysteroids and their Receptor Complex in The Reproductive Physiology of The Female Desert Locust, Schistocerca gregaria</b> <i>Dr Cynthia Lenaerts, KU Leuven, Belgium</i>		
17.00	17.20	<b>4B-07: Transcriptomics as a Tool for The Swordfish Xiphias gladius Conservation and Stock Management</b> <i>Mr Luca Marisaldi, Università Politecnica Delle Marche, Italy</i>		
17.00	17.30	<b>Wrap up and Discussions</b>		
16.00	17.30	<b>4C Cont'd: Omics and Physiology of Insect Neuropeptides (1)</b>	<b>Professor Shireen Davies, UK</b>	<b>Humanities Lecture Theatre</b>
16.00	16.20	<b>4C-11 - RNAi-based Biopesticides</b> <i>Professor Guy Smagghe, University of Ghent, Belgium</i>		
16.20	16.40	<b>4C-12 - Neuropeptides and their Receptors in Locust Physiology</b> <i>Dr J. Vanden Broeck, University of Leuven (KU Leuven), Belgium</i>		
16.40	16.55	<b>30 5C-02: Crucial Role of the Adipokinetic Hormone/gonadotropin Releasing Hormone System in Postembryonic Development in the Desert Locust</b> <i>Dr Heleen Verlinden, KU Leuven, Belgium</i>		
16.55	17.30	<b>Wrap up and Discussions</b>		
17.30	18.30	<b>Plenary 5 - : Endocrine Disruption of The Thyroid Axis: From Coral Fish and Amphibian Metamorphosis to Human Brains</b> <i>Professor Barbara Demeneix, Umr7221 Cnrs/Mnhn, France</i>		Hunter Halls
18.30	19.00	<b>General Assembly of the ESCE</b>		Hunter Halls

**WEDNESDAY 22nd AUGUST**

From	To	Session	Session Organisers	Room Name
08.00	18.00	Registration Open		Hunter Halls
08.30	09.30	<b>Plenary 6 - The Evolutionary Origin and Function of TRH and Other Neuropeptide Releasing Factors Revisited</b> <i>Professor Liliane Schoofs, KU Leuven, Belgium</i>		Hunter Halls
09.30	10.30	<b>Parallel Sessions 5</b>		
09.30	10.30	<b>5A: Endocrine-immune Interactions</b>	<b>Dr Marianne Boni-Schnetzler, Switzerland Dr Elisabeth Eppler, Switzerland</b>	Hunter Halls
09.30	10.00	<b>5A-S1 - The local IL-1 System of Pancreatic Islets and its Effects on Insulin Secretion and Glucose Control</b> <i>Dr Marianne Boni-Schnetzler, PhD University of Basel, Switzerland</i>		
10.00	10.30	<b>5A-S2 - Recent Advances in Understanding the Mechanisms of RNA Interference in Insects</b> <i>Professor Jozef Vanden Broeck, University of Leuven (KU Leuven), Belgium</i>		
09.30	10.30	<b>5C: Omics and Physiology of Insect Neuropeptides (2)</b>	<b>Professor Shireen Davies, UK</b>	East Quad Lecture Theatre 1
09.30	10.00	<b>5C-S3 - The Kiss of Death: Neuroendocrine Control of Diuresis in The Kissing Bug Rhodnius Prolixus, The Vector of Chagas Disease</b> <i>Professor Ian Orchard, University of Toronto Mississauga, Canada</i>		
10.00	10.30	<b>5C-S4 - Omics and the Physiology of a Superorganism: GPCR Signaling and Brain Transcriptomes of the Fire Ant (Solenopsis invicta Buren) Toward Linking Nutrition and Reproduction</b> <i>Professor Patricia Pietrantoni, Texas A&amp;M University, USA</i>		
10.30	11.00	Tea, Coffee and Poster Viewing		Hunter Halls
11.00	12.30	<b>5A cont'd: Endocrine-immune Interactions</b>	<b>Dr Marianne Boni-Schnetzler, Switzerland Dr Elisabeth Eppler, Switzerland</b>	Hunter Halls
11.00	11.30	<b>5A-S3 - From Resolving Injuries to Promoting Tumours: Using Zebrafish to Understand Microglia Functions</b> <i>Dirk Sieger, PhD, Centre for Discovery Brain Sciences, The University of Edinburgh, UK</i>		
11.30	11.50	<b>5A-S11 - Porcine Islets as a Possible Treatment for Type 1 Diabetes</b> <i>Dr Claire Crossan, PhD, Glasgow Caledonian University, Glasgow, UK</i>		
11.50	12.05	<b>5A-O1: Angiotensin Converting Enzyme Down Regulator of the Innate Immune Response: A Study using the Insect, Locusta migratoria</b> <i>Professor Roger Huybrechts, KU Leuven, Belgium</i>		
12.05	12.20	<b>5A-O2: Effects of Seawater and Freshwater Challenge on the GH/IGF-1 system at Different Levels of the Brain-pituitary- glandular Axis in the Salinity-tolerant Black-chinned tilapia (Sarotherodon melanotheron)</b> <i>Dr Elisabeth Eppler, MD, University of Basel, Switzerland</i>		
12.20	12.30	<b>Wrap up and Discussions</b>		
11.00	12.30	<b>5B: Early Career Researcher Rapid Poster Presentations</b>	<b>Dr Lucy Alford, UK Professor Julian Dow, UK</b>	East Quad Lecture Theatre 1
11.00	11.12	<b>5B-P1: Understanding Water Homeostasis of a Pest Beetle</b> <i>Dr Joseph Yeoh, University of Glasgow, UK</i>		
11.12	11.24	<b>5B-P2: Possible Involvement of Sex Steroids in Oocyte Development of the Scleractinian Coral, Acropora tenuis</b> <i>Miss E Suan Tan, University of The Ryukyus, Japan</i>		
11.24	11.36	<b>5B-P3: Characterization of a Cholecystokinin/Sulfakinin Signalling System in a Lophotrochozoa, the Oyster Crassostrea gigas</b> <i>Miss Julie Schwartz, Biologie des Organismes et Ecosystèmes Aquatiques, France</i>		
11.36	11.48	<b>5B-P4: Physiological and Behavioural Effects of an Acute Stress Event in Brown Trout Juveniles</b> <i>Dr Tânia Madureira, CIIMAR, Portugal</i>		
11.48	12.00			
12.00	12.12	<b>5B-P6: Effects of Vasopressin V1b Receptor Blockade on the Hypothalamic-pituitary-adrenal axis (HPA) in Old Monkeys with Depression-like and Anxiety-like behavior under Stress Exposure or Vasopressin Administration</b> <i>Miss Olga Chigarova, Research Institute of Medical Primatology, Russia</i>		
12.12	12.24			
12.24	12.30	<b>Wrap up and Discussions</b>		
11.00	12.30	<b>5C cont'd: Omics and Physiology of Insect Neuropeptides (2)</b>	<b>Professor Shireen Davies, UK</b>	Humanities Lecture Theatre
11.00	11.20	<b>5C-S1 - A Project Plan on Molecular Mechanisms of Sex Pheromone Production and Perception in Grape Berry Moths (Lobesia botrana and Eupoecilia ambiguella); Fostering Environmentally Sound Pest Management Strategies in Vineyards</b> <i>Professor Adrien Fonagy, Plant Protection Institute, Hungary</i>		
11.20	11.40	<b>5C-S2 - Adipokinetic Hormones: Receptor-Ligand Studies in the Desert Locust, Schistocerca gregaria</b> <i>Dr Heather Marco, University of Capetown, South Africa</i>		
11.40	12.00	<b>5C-S3 - pH-Responsive Polymer Microcapsules for Targeted Delivery of Peptides and Protein Biocides to the Midgut of Drosophila suzukii</b> <i>Professor Elwyn Isaacs, University of Leeds, UK</i>		
12.00	12.15	<b>5C-O1: Mass Spectrometry Imaging Reveals Distinct Compartmentalization in Neuroendocrine Tissue of an Insect</b> <i>Dr Lopa Rajanieri, University of Cologne, Germany</i>		
12.15	12.30	<b>Wrap up and Discussions</b>		
12.30	13.30	Lunch		Hunter Halls
13.30	14.30	<b>Plenary 7 - A discussion on The Neural Control of Egg Laying in Two Insect Models: The Locust and Kissing Bug</b> <i>Professor Angela Lange, University of Toronto Mississauga, Canada</i>		Hunter Halls
14.30	17.30	<b>Parallel Sessions 6</b>		
14.30	15.30	<b>6A: Modulation of the Endocrine System: Effects on Metabolism and Growth</b>	<b>Dr Encarnacion Capilla, Spain Dr Olliana Carnevali, Italy</b>	Hunter Halls
14.30	15.00	<b>6A-S1 - Multifactorial Regulation of Growth, Metabolism and Reproduction in Fish</b> <i>Professor Hamid R Habibi, University of Calgary, Canada</i>		
15.00	15.30	<b>6A-S2 - Updates on the Cross Talk Between Growth, Endocrine Factors, Nutrients and Environmental Factors in Marine Farmed Fish</b> <i>Professor Jaume Pérez-Sánchez, CSIC, Spain</i>		
14.30	15.30	<b>6B: General and Comparative Endocrinology</b>	<b>Professor Julian Dow, UK</b>	East Quad Lecture Theatre 1
14.30	14.50	<b>6B-O1: Exploring Relationships Among Exposure to Avian Malaria, Bacterial Killing Ability, and Circulating Corticosterone in a Hawaiian Honeycreeper</b> <i>Ms Gabrielle Names, University of California at Davis, USA</i>		
14.50	15.10	<b>6B-O2: Characterization and Nutritional Regulation of Ghrelin and its Receptors in Gilthead Sea Bream (Sparus aurata)</b> <i>Mr Miquel Perelló Amador, Universitat de Barcelona, Spain</i>		
15.10	15.30	<b>6B-O3: Nitric Oxide Regulates Na<sup>+</sup>/K<sup>+</sup>-ATPase Function in Fish Brain</b> <i>Dr Valsa S Peter, University of Kerala, India</i>		
14.30	15.30	<b>6C: Neuropeptides and Invertebrate Toxins for Biocontrol</b>	<b>Professor Shireen Davies, UK</b>	Humanities Lecture Theatre
14.30	15.00	<b>6C-S1 - Mimetic Analogs of Insect Neuropeptides: Rational Tools in Development of Novel Pest Management Strategies</b> <i>Dr Ronald Nachman, Usda, USA</i>		
15.00	15.30	<b>6C-S2 - Genetic Approaches for Insect Control</b> <i>Dr Victoria Norman, Pirbright Institute, UK</i>		
15.30	16.00	Tea, Coffee and Poster Viewing		Hunter Halls
16.00	17.30	<b>6A cont'd: Modulation of the Endocrine System: Effects on Metabolism and Growth</b>	<b>Dr Encarnacion Capilla, Spain Dr Olliana Carnevali, Italy</b>	Hunter Halls
16.00	16.20	<b>6A-S1 - Effects of the Administration of Plasticizer-Contaminated Diets in Male Gilthead Seabream: A Focus on Hepatic Metabolism and Muscle Proteolytic System</b> <i>Dr Francesca Maradonna, Polytechnic University of Marche, Italy</i>		
16.20	16.40	<b>6A-S2 - Rainbow Trout Leptin Signaling Cascades and Its Impact on The GH-IGF System During Fasting</b> <i>Dr Ningping Gang, Texas Tech University, USA</i>		
16.40	16.50	<b>6A-O1: Hypothalamic AMP-kinase Plays a Key Role in Food Intake and Hepatic Metabolism Regulation in Rainbow Trout Oncorhynchus mykiss</b> <i>Dr Marta Cande Sierra, Universidade De Vigo, Spain</i>		
16.50	17.00	<b>6A-O2: Metabolic Modulation of the Fat Body by Endocrine Systems in the Two-spotted Cricket Gryllus bimaculatus</b> <i>Mr Keisuke Fukumura, The University of Tokyo, Japan</i>		
17.00	17.10	<b>6A-O3: A Nutrient Responsive Gut/Neuronal Axis Regulates Energy Homeostasis in Adult Drosophila</b> <i>Mr Alessandro Scopelliti, Beatson Institute For Cancer Research, UK</i>		
17.10	17.20	<b>6A-O4: Effects of Crustacean Cardioactive Peptide (CCAP) and its Receptor on Energy Balance in the Two-spotted Cricket, Gryllus bimaculatus</b> <i>Miss Yijun Zhou, The University of Tokyo, Japan</i>		

17.20	17.30	Wrap up and Discussions		
16.00	17.30	<b>6B cont'd: General and Comparative Endocrinology</b>	Professor Julian Dow, UK	East Quad Lecture Theatre 1
		<b>6B-O4: MMP 2 and MMP 9 Regulate Na<sup>+</sup>/K<sup>+</sup>-ATPase-driven Na<sup>+</sup> signaling during Stress Response in Fish Leucocytes</b>		
16.00	16.20	<i>Professor M C Subhash Peter, University of Kerala, India</i>		
		<b>6B-O6: Love Made Flesh: Infant Mass Gain and Positive Oxytocin Feedback Loops in Grey Seal Mother-infant Pairs</b>		
16.20	16.40	<i>Dr Kelly Robinson, Sea Mammal Research Unit, University of St Andrews, UK</i>		
		<b>6B-O7: Segment Specific Location of CAPA Peptides Expressing Neurons in The Central Nervous System of The Earthworm Eisenia andrei</b>		
16.40	17.00	<i>Dr László Molnár, University of Pécs, Hungary</i>		
17.00	17.30	Wrap up and Discussions		
16.00	17.30	<b>6C cont'd: Neuropeptides and Invertebrate Toxins for Biocontrol</b>	Professor Shireen Davies, UK	Humanities Lecture Theatre
		<b>6C-11 - Insect Neuropeptides: A Basis for the Design of a Novel Group of Insect Control Agents: The PK/PBAN Family as a Case Study</b>		
16.00	16.20	<i>Professor Miriam Altstein, Agricultural Research Organization, Israel</i>		
		<b>6C-12- Forest Pest Management using Neuropeptides: A Novel Answer to an Old Problem?</b>		
16.20	16.40	<i>Dr Daegan Inward, Forest Research, UK</i>		
		<b>6C-13- Functional Characterization of Drosophila CAPA Receptor with Peptidomimetics and Identification of CAPA Agonists and Antagonists as Potential Insect Pest Control Agents</b>		
16.40	17.00			
		<b>6C-O1: The Quest for Green Insecticides: Can the Knowledge of the Primary Structure of Insect Adipokinetic Hormones Help?</b>		
17.00	17.15	<i>Professor Gerd Gade, University of Cape Town, South Africa</i>		
		<b>6C-O2: The Effect of Biostable Peptide Analogues on Aphid Stress Tolerance and their Potential as Insecticidal Agents</b>		
17.15	17.30	<i>Dr Lucy Alford, University of Glasgow, UK</i>		
17.30	18.00	CLOSING CEREMONY		Hunter Halls
19.30	Midnight	CONFERENCE DINNER		Oran Mor