

CONFERENCE OF EUROPEAN COMPARATIVE ENDOCRINOLOGISTS

Barcelona, 6-10 September 2026

FINAL PROGRAM



ORGANIZERS

ESCE
EUROPEAN SOCIETY FOR
COMPARATIVE ENDOCRINOLOGY



UNIVERSITAT DE
BARCELONA

WELCOME



Dear colleagues and friends,

Welcome to the 32nd Conference of European Comparative Endocrinologists (CECE), held in Barcelona from 6 to 10 September 2026.

The Local Organizing Committee (LOC), under the auspices of the European Society for Comparative Endocrinology (ESCE), has worked with great enthusiasm to offer you a high-quality scientific program, covering a wide range of topics in comparative endocrinology and related disciplines (neurobiology, physiology, biochemistry, ecology, etc.), complemented by an engaging social program.

CECE26 is hosted at the Faculty of Biology of the University of Barcelona (UB), the same venue of the 17th ICCE in 2013. It includes Plenary lectures, Symposia featuring State-of-the-Art presentations and oral communications, poster sessions, as well as Workshops. It brings together researchers and students from across Europe and beyond, promoting interdisciplinary knowledge in the fields of biology and medicine, particularly in the morphological, functional, and evolutionary aspects of comparative endocrinology. Over these five inspiring days, we will explore cutting-edge research, foster collaborations, and share the latest discoveries and innovations in our field.

Social events during the conference include a Welcome Cocktail on Sunday, a social event for young investigators or a visit to the UB's historic building for senior scientists on Monday, excursions to various locations in and around Barcelona on Tuesday, and a Social Banquet on Wednesday.

Barcelona, a vibrant research and innovation hub known for its creativity and scientific spirit, with excellent connections, provides the perfect setting for this meeting, scientific exchange and networking. Beyond the conference, we invite you to experience Barcelona's Mediterranean charm, cultural treasures, and world-renowned cuisine.

We are delighted to welcome you to a stimulating and unforgettable conference, where science, collaboration, and friendship come together.

Warm regards,

Encarni Capilla, Chair
On behalf of the CECE26 LOC



COMMITTEES

LOCAL ORGANIZING COMMITTEE

Encarnación Capilla
Joaquim Gutiérrez
Isabel Navarro
Emilio J. Vélez

INTERNATIONAL SCIENTIFIC COMMITTEE

Jozef Vanden Broeck, Belgium
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Angela B. Lange, Canada
Heather G. Marco, South Africa
Rosaria Meccariello, Italy
Luis Yañez-Guerra, UK
Cunming Duan, USA

SPEAKERS



ISABEL BEETS, *Belgium*

Professor, Department of Biology, KU Leuven, Belgium.
Research Fellow at the Laboratory of Molecular Biology in the United Kingdom.

OLIANA CARNEVALI, *Italy*

Professor of Developmental Biology and Reproductive Biotechnologies, Department of Life and Environmental Sciences, Polytechnic University of Marche (UNIVPM), Italy.



KENNETH V. HALBERG, *Denmark*

Associate Professor, Section for Cell & Neurobiology, Department of Biology, University of Copenhagen, Denmark.

ANNA JAZWINSKA, *Switzerland*

Professor, Department of Biology, University of Fribourg, Switzerland.



JEFFREY E. PESSIN, *USA*

Judy R. & Alfred A. Rosenberg Professorial Chair in Diabetes Research, Director, Diabetes Research Center, Departments of Medicine and Molecular Pharmacology, Albert Einstein College of Medicine, USA.

PROGRAM AT A GLANCE

CECE26	Sunday Sept 6		Monday Sept 7	
		8:00	Registration desk opens	
		9:00-9:50	Plenary 2 (Aula Magna)	
		10:00-10:30	Symposium 1 (Aula Magna) SoA 1	Symposium 2 (room M1) SoA 2
		10:30-11:00	Coffee Break (Hall)	
		11:00-12:45	Oral (7)	Oral (8)
		12:45-14:15	Lunch (Faculty bar) ESCE council meeting (room A6)	
		14:30-15:00	Symposium 3 (room M1) SoA 3	Symposium 4 (room M2) SoA 4
		15:00-16:45	Oral (7)	Oral (7)
16:00	Registration desk opens	16:45-17:00	Poster pitch oral presentations	
17:15-17:40	Opening Ceremony (Aula Magna)	17:00-17:30	Coffee Break (Hall)	
17:40-18:30	Plenary 1 (Aula Magna)	17:00-18:00	Poster Session 1 (Hall)	
	Welcome Cocktail (Hall)	18:00-18:30	Workshop (room M1)	Activity ESCE Young Council (room A16)
		18:30-19:00		
		19:00-19:20		
18:30-20:00	Welcome Cocktail (Hall)	19:30-20:30 (approx.)	Social Event (Senior) - Visit to Historic building UB	Social Event (Young) - A15 Escape room



Tuesday Sept 8		Wednesday Sept 9		Thursday Sept 10	
Registration desk opens		Registration desk opens			
Plenary 3 (Aula Magna)		Plenary 4 (Aula Magna)		Plenary 5 (Aula Magna)	
Symposium 5 (Aula Magna)	Symposium 6 (room M1)	Symposium 7 (Aula Magna)	Symposium 8 (room M1)	Symposium 11 (Aula Magna)	Symposium 12 (room M1)
SoA 5	SoA 6	SoA 7A	SoA 8	SoA 11	SoA 12
Coffee Break (Hall)		Coffee Break (Hall)		Coffee Break (Hall)	
Oral (8)	Oral (7)	SoA 7B	Oral (8)	Oral (7)	Oral (6)
		Oral (5)			
Lunch (lunch box)		Lunch (Faculty bar)		ESCE GENERAL ASSEMBLY (Aula Magna)	
Elsevier meeting (sala de juntas) Frontiers meeting (room A6)		ESCE council meeting (room A6)		Closing Ceremony (Aula Magna)	
Excursions		Symposium 9 (room M1)	Symposium 10 (room M2)	Lunch (lunch box)	
		SoA 9	SoA 10		
		Oral (7)	Oral (7)		
		Poster pitch oral presentations			
		Coffee Break (Hall)			
		Poster Session 2 (Hall)			
	20:00	Social Dinner			
Plenary: 45' + 5' SoA: 25' + 5' Oral: 12' + 3' (#): number of orals in session					



SCIENTIFIC PROGRAM

SUNDAY, September 6

16:00

REGISTRATION DESK OPENS

17:15-17:40

OPENING CEREMONY

Aula Magna

17:40-18:30

PLENARY — PL1

Decoding hepatocyte glucose and fatty acid metabolism at the single cell level

Aula Magna

Jeffrey E. Pessin | Chair: Encarnación Capilla

18:30-20:00

WELCOME COCKTAIL

Hall

MONDAY, September 7

08:00

REGISTRATION DESK OPENS

09:00-09:50

PLENARY — PL2

A vascular-satellite cell axis drives whole-muscle regeneration in adult zebrafish

Anna Jazwinska | Chair: Joaquim Gutiérrez

Aula Magna

PARALLEL SESSIONS - MORNING

	ROOM: Aula Magna Symposium 1 — Invertebrate neurohormones governing physiology and behavior: a symposium honoring the careers of Angela Lange and Ian Orchard (I) <i>Chairs: Jean-Paul Paluzzi & Meet Zandawala</i>	ROOM: M1 Symposium 2 — Growth and growth factors: A Tribute to Erika M. Plisetzkaya <i>Chairs: Cunming Duan, Munetaka Shimizu & Ya-Xiong Tao</i>
10:00-10:30	SoA1 Hormonal control of metamorphosis and reproduction in insects: the case of the desert locust — <i>Jozef Vanden Broeck</i>	SoA2 Beyond calcium regulation: New roles for Stanniocalcins in growth, hypoxic stress, and disease — <i>Cunming Duan</i>
10:30-11:00	Coffee Break Hall	
11:00-11:15	O1 Kinins, pyrokinins and small molecules in mosquito and tick myoactivity and behavior: towards vector-specific pharmacology — <i>Patricia Pietrantonio</i>	O8 Somatostatin regulation of the pancreatic β -cell proliferation — <i>Adelino Canario</i>
11:15-11:30	O2 Neuropeptides controlling diuresis also regulate reproductive processes in female, <i>Rhodnius prolixus</i> — <i>Areej N. Al-Dailami</i>	O9 Novel regulators of HIF signaling in zebrafish hypoxia stress model — <i>Ling Lu</i>
11:30-11:45	O3 The integration of multiple modulatory pathways controls juvenile hormone synthesis in insects — <i>Fernando G. Noriega</i>	O10 Gcn2-mediated nutrient sensing orchestrates metabolic homeostasis and hypoxic tolerance in zebrafish — <i>Chengdong Liu</i>
11:45-12:00	O4 Reproductive functions of Diuretic hormone 44 in <i>Drosophila</i> — <i>Young-Joon Kim</i>	O11 The endocrine role of bone in gilthead sea bream (<i>Sparus aurata</i>): systemic effects of BMP7 and SPARC — <i>Inmaculada Rodríguez</i>
12:00-12:15	O5 Blood meal-induced juvenile hormone signaling drives male reproductive maturation in the classical insect model <i>Rhodnius prolixus</i> — <i>Jimena Leyria</i>	O12 Role of the venus kinase receptor in the nymphal growth of the desert locust, <i>Schistocerca gregaria</i> — <i>Rong Liu</i>
12:15-12:30	O6 Analysis of neuropeptidergic coupling factors controlling multiscale behavioral rhythms in <i>Drosophila melanogaster</i> — <i>Susanne Neupert</i>	O13 Cellular and molecular dynamics underlying the transition from hyperplastic to hypertrophic muscle growth in rainbow trout — <i>Jean-Charles Gabillard</i>
12:30-12:45	O7 RYamide signaling controls selective ion reabsorption by the hindgut in the yellow fever mosquito, <i>Aedes aegypti</i> — <i>Jean-Paul Paluzzi</i>	O14 Identification of ohnologues transcriptome networks involved in myogenic differentiation of the Atlantic salmon — <i>Douglas Vernimmen</i>
12:45-13:00		O15 Physiological, transcriptional and epigenetic response in rainbow trout (<i>Oncorhynchus mykiss</i>) skeletal muscle mediated by chronic stress and infectious pancreatic necrosis virus (IPNV) — <i>Juan Antonio Valdes</i>

12:45-14:15

LUNCH

ESCE council meeting (Room A6)

Faculty Bar

MONDAY, September 7

PARALLEL SESSIONS - AFTERNOON

	ROOM: M1 Symposium 3 — Invertebrate neurohormones governing physiology and behavior: a symposium honoring the careers of Angela Lange and Ian Orchard (II) <i>Chairs: Jean-Paul Paluzzi & Meet Zandawala</i>	ROOM: M2 Symposium 4 — Endocrine control of energy balance and appetite <i>Chairs: José Miguel Cerdá-Reverter, José Luis Soengas & Suraj Unniappan</i>
14:30-15:00	SoA3 Prebilateral origin of monoaminergic signalling — <i>Luis Yañez-Guerra</i>	SoA4 Endocrine integration of appetite, energy and water balance: lessons from <i>Drosophila</i> — <i>Martina Gáliková</i>
15:00-15:15	O16 Neuropeptide signalling in placozoa — <i>Gaspar Jekely</i>	O23 From intestinal signalling to organismal function: effects of aflatoxin B1 on endocrine-metabolic pathways, feeding and locomotor behaviour in fish — <i>Ayelen Blanco</i>
15:15-15:30	O17 Regulation of simple metamorphosis in insects following the discovery of the Chinmo factor — <i>Xavier Belles</i>	O24 Orforglipron acts as a pharmacological chaperone to correct cell-surface defective human GLP1R variants — <i>Ya-Xiong Tao</i>
15:30-15:45	O18 A mating responsive hormonal program supports female reproductive success during periods of dietary restriction — <i>Takashi Koyama</i>	O25 Ghrelin loss across vertebrate lineages: a consequence of feeding strategies? — <i>Filipe Castro</i>
15:45-16:00	O19 Neuroendocrine disruption in <i>Daphnia magna</i> : linking environmental contaminants to behavior, physiology and emerging disease frameworks — <i>Carlos Barata</i>	O26 Cannabinoids modulate the expression level of genes encoding short neuropeptides F (sNPF) and insulin-like peptides (ILPs) precursors in insects — <i>Szymon Chowariski</i>
16:00-16:15	O20 The AKH family: invertebrate champions of PTMs — <i>Gerd Gäde</i>	O27 Peripheral FGF21 signalling modulates feed intake and hepatic metabolic pathways in rainbow trout (<i>Oncorhynchus mykiss</i>) — <i>José Luis Soengas</i>
16:15-16:30	O21 Peptidergic pathways modulating metabolic homeostasis in <i>Drosophila</i> — <i>Meet R. Zandawala</i>	O28 The role of ITP signaling in the energy metabolism and physiology of <i>Drosophila melanogaster</i> — <i>Sanjay Yadav</i>
16:30-16:45	O22 A role for the neuropeptide myosuppressin and its receptors in male reproductive fitness — <i>Richard Elwyn Isaac</i>	O29 Nucleobindin-derived peptides lower lipid levels in hepatocytes — <i>Suraj Unniappan</i>

POSTER PITCH ORAL PRESENTATIONS (16:45-17:00)

Room	Time	Code	Author
M1 (Symposia 1, 11)	16:45-16:50	P2	Jimena Leyria
	16:50-16:55	P42	Sajad Shahbazi
	16:55-17:00	P44	Chisato Yatsuda
M2 (Symposium 2)	16:45-16:50	P5	Emilio J. Vélez
	16:50-16:55	P6	Roger Solà
	16:55-17:00	P11	Manel Montblanch

17:00-17:30

Coffee Break

Hall

POSTER SESSION 1 (Hall) (17:00-18:00)

18:00-19:00	WORKSHOP Regulation of myogenesis: comparative and novel aspects – Jean-Charles Gabillard & Daniel Garcia de la serrana	<i>Room M1</i>
18:00-19:20	ACTIVITY ESCE YOUNG COUNCIL Topics: -Grant Writing and Funding Strategies -Publishing and Journal Selection (including the peer-review process) -Teaching and Mentoring Skills -Career Pathways and Postdoctoral Applications -The Use of AI and Computational Models in Endocrinology	<i>Room A16</i>

19:30-20:30
aprox.

SOCIAL EVENT (Senior) - VISIT TO HISTORIC BUILDING UB

19:30-20:30
aprox.

SOCIAL EVENT (Young) - ESCAPE ROOM

Room A15

TUESDAY, September 8

08:00

REGISTRATION DESK OPENS

09:00-09:50

PLENARY — PL3
Lighting up neuropeptide signaling in the context-dependent regulation of behavior
Isabel Beets | Chair: Jozef Vanden Broeck

Aula Magna

PARALLEL SESSIONS - MORNING

	ROOM: Aula Magna Symposium 5 — Endocrine control of reproduction <i>Chairs: Oliana Carnevali & Ana Gómez</i>	ROOM: M1 Symposium 6 — Molecular and cellular regulation of stress <i>Chairs: Juan Miguel Mancera, Lluís Tort & Matt Vijayan</i>
10:00-10:30	SoA5 New players, new pathways: emerging mechanisms of gonadotropic regulation of fish spermiogenesis — <i>François Chauvigne</i>	SoA6 Mineralocorticoid receptor activation and stress-related behaviour: insights from single cell sequencing of zebrafish brain — <i>Mathilakath M. Vijayan</i>
10:30-11:00	Coffee Break Hall	
11:00-11:15	O30 CRISPR/Cas9 disruption of <i>srd5a2</i> reveals essential roles of androgen bioactivation in amphibian reproductive maturation and reproductive success — <i>Diana C. Castañeda-Cortés</i>	O38 Mineralocorticoid and glucocorticoid receptor heterodimers drive distinct cortisol-induced stress responses — <i>Marcel Schaaf</i>
11:15-11:30	O31 Differential impairment of ventral and dorsal pituitary gonadotroph function by polyendocrine metabolic ovarian syndrome — <i>Camila Fiordelisio-Leal</i>	O39 Tissue-specific regulation of cortisol clearance by 11βHSD2 in rainbow trout — <i>Nicholas Bernier</i>
11:30-11:45	O32 Species-specific duplication of gonadal soma-derived factor gene (<i>gsdf</i>) led to sex-biased expression and partial subfunctionalization in European sea bass (<i>Dicentrarchus labrax</i>) — <i>Alessia Mascoli</i>	O40 Gut-derived Tachykinins regulate osmotic and nutritional homeostasis in <i>Drosophila melanogaster</i> — <i>Marishia Agard</i>
11:45-12:00	O33 Polylactic acid impairs endocrine and reproductive function in mammals: protective effects of <i>Lemna minor</i> and comparative insights into sperm physiology — <i>Maria Zelinda Romano</i>	O41 Hypothalamic-pituitary interrenal axis activation in embryonic fishes. Challenging the claim that the axis is hyporesponsive — <i>Richard Manzon</i>
12:00-12:15	O34 Brain-derived neurotrophic factor (Bdnf): a regulator of reproduction in zebrafish? — <i>Suraj Unniappan</i>	O42 Acute stress enhances macrophage responsivity during inflammation in zebrafish — <i>Erin Faught</i>
12:15-12:30	O35 Temporal redeployment of conserved cell-type programmes underlies seasonal spermatogenesis in European sea bass (<i>Dicentrarchus labrax</i>) — <i>Nerea Sanchis</i>	O43 Modulation of HPI axis and GH/IGF system through a dietary <i>Cannabis sativa</i> -based additive to improve gilthead seabream (<i>Sparus aurata</i>) resilience under chronic stress — <i>Sara Cartan</i>
12:30-12:45	O36 Transposable element evolutionary age shapes DNA methylation dynamics during spermatogenesis in European sea bass (<i>Dicentrarchus labrax</i>) — <i>Nuria Poisano</i>	O44 When the hive gets high: Cocaine's effects on honeybee biology and society — <i>Jan Černý</i>
12:45-13:00	O37 Evolutionary and functional insights into CB1 signaling in spermatozoa: implications for endocrine control of reproduction — <i>Marta Lombó</i>	

12:45-14:15

LUNCH (Lunch box)
Elsevier meeting (Sala de juntas)
Frontiers meeting (Room A6)

AFTERNOON

EXCURSIONS

WEDNESDAY, September 9

08:00

REGISTRATION DESK OPENS

09:00-09:50

PLENARY — PL4

Wiring physiology: neuroendocrine control of organismal homeostasis through organ crosstalk

Kenneth V. Halberg | Chair: Angela Lange

Aula Magna

PARALLEL SESSIONS - MORNING

	ROOM: Aula Magna Symposium 7 — Thyroid hormone actions in reproduction and development <i>Chairs: Hamid Habibi & Deborah Power</i>	ROOM: M1 Symposium 8 — Endocrine disruption <i>Chairs: Juan Ignacio Bertucci & Vance Trudeau</i>
10:00-10:30	SoA7A Evolutionary and functional crosstalks between the thyrotropic and gonadotropic axes — <i>Sylvie Dufour</i>	SoA8 Multi-omic approaches to unravel new mechanisms of action of endocrine disruptors — <i>Laia Navarro</i>
10:30-11:00	Coffee Break	Hall
11:00-11:15	SoA7B Thyroid hormone action in neurodevelopment. A surprisingly early kickoff — <i>Aurea Orozco Rivas</i>	O50 Estrogenic activity assessment of recalcitrant pharmaceuticals found in wastewaters from Ria Formosa using the <i>Dicentrarchus labrax</i> estrogen screen (DLES) test — <i>Federico Clementoni</i>
11:15-11:30		O51 Nuclear estrogen receptors of European sea bass (<i>Dicentrarchus labrax</i>) as targets of endocrine disrupting compounds: effects on reproduction and risk assessment potential — <i>Cinta Zapater</i>
11:30-11:45	O45 Molecular effects of thyroid hormone and histone methyltransferase Dot1L during <i>Xenopus tropicalis</i> metamorphosis — <i>Louis Emeric</i>	O52 Bridging scales in neurotoxicity: multi-omics evaluation of cadmium and ciprofloxacin effects in European seabass (<i>Dicentrarchus labrax</i>) — <i>Mercedes Blázquez</i>
11:45-12:00	O46 Thyroid hormone mediation of gonadal differentiation in zebrafish — <i>Hamid Habibi</i>	O53 Chemically-induced molting disruption in arthropods - an issue of increasing environmental concern — <i>Carlos Barata</i>
12:00-12:15	O47 The hypothalamic regulation of the thyroid axis in teleosts: insights from knockout models and novel transgenic tools — <i>Deodatta Gajbhiye</i>	O54 Cellular landscape of tributyltin toxicity using single-cell and spatial transcriptomics in zebrafish embryos — <i>Liliya Sokalchuk</i>
12:15-12:30	O48 Metamorphosis determines immune responses in juvenile Senegalese sole — <i>Deborah Power</i>	O55 Chronic exposure to environmentally relevant PFAS mixtures disrupts metabolic activity and tissue organization in human hepatic organoids — <i>Anna Manzella</i>
12:30-12:45	O49 DNA methylation during limb growth at <i>Xenopus tropicalis</i> metamorphosis — <i>Nicolas Buisine</i>	O56 Endocrine and molecular disruption in sea urchin larvae (<i>Paracentrotus lividus</i>) exposed to citalopram and triclosan under climate change stressors — <i>Juan Ignacio Bertucci</i>
12:45-13:00		O57 Non-EATS modalities in human and environmental endocrine disruption research — <i>Jorke Kamstra</i>

12:45-14:15

LUNCH

ESCE council meeting (Room A6)

Faculty Bar

PARALLEL SESSIONS - AFTERNOON

	ROOM: M1 Symposium 9 — Hormonal control of vertebrate development <i>Chairs: Yun-Bo Shi & Yong Zhu</i>	ROOM: M2 Symposium 10 — Endocrine responses to environmental challenges <i>Chairs: Elisabeth Eppler & Heather Marco</i>
14:30-15:00	SoA9 Induced primordial germ cells (iPGCs) and expanded germline stem cells (eGSCs) for high-efficient fish surrogate reproduction— <i>Yonghua Sun</i>	SoA10 Endocrine responses to environmental challenges: an overview — <i>Heather Marco</i>
15:00-15:15	O58 CRISPR disruption of mineralocorticoid receptor does not affect overall tadpole growth and development and shows aldosterone unnecessary for metamorphosis — <i>Daniel Buchholz</i>	O65 Brown trout hepatocyte spheroids: an alternative 3D platform for assessing endocrine and climate-related stressors — <i>Tânia Madureira</i>
15:15-15:30	O59 Regulation of zebrafish early sex differentiation — <i>Bon-Chu Chung</i>	O66 Embryonic thermal programming modifies thyroid-driven metamorphosis in gilthead sea bream and European sea bass — <i>Hamed Abdollahpour</i>
15:30-15:45	O60 Complementary and additive functions of TR α and TR β in regulating larval cell death and adult stem cell development during <i>Xenopus</i> intestinal metamorphosis — <i>Yun-Bo Shi</i>	O67 Seasonal dynamics of the ovarian follicular cell transcriptome in European sea bass: insights into steroidogenesis and thermal effects — <i>Amanda Paz Escorza</i>
15:45-16:00	O61 Elucidating the function of the thyroid hormone receptor alpha a (thraa) in zebrafish heart regeneration — <i>Hui Zhao</i>	O68 Photoperiodic sensitivity at puberty in <i>Oreochromis mossambicus</i> — <i>NaghmeH Jafari Pastaki</i>
16:00-16:15	O62 Thyroid hormone receptor regulates cellular senescence to affect larval tissue degeneration in <i>Xenopus tropicalis</i> — <i>Wang Shouhong</i>	O69 Harnessing postbiotics to enhance resilience to microplastic toxicity: insights from gut microbiome and defensome responses in gilthead seabream — <i>Sabrin Hmida</i>
16:15-16:30	O63 A somatostatin of maternal origin is crucial for early development — <i>Adelino Canario</i>	O70 Integrated physiological and genomic responses of juvenile chub mackerel (<i>Scomber japonicus</i>) to acute hypoosmotic stress — <i>Vuong Nguyen</i>
16:30-16:45	O64 Spontaneous maturation of female American eels (<i>Anguilla rostrata</i>) in freshwater ponds — <i>Shixi Chen</i>	O71 Endocrine regulation of nutrition, metabolism and fat storage in a changing world — <i>Elisabeth Eppler</i>

POSTER PITCH ORAL PRESENTATIONS (16:45-17:00)

Room	Time	Code	Author
M1 (Symposium 5)	16:45-16:50	P16	Leonardo Pablo Madsen
	16:50-16:55	P17	José Carranza
	16:55-17:00	P21	Marina Iglesias
M2 (Symposia 10, 12)	16:45-16:50	P37	Carlos Barata
	16:50-16:55	P40	Sabrin Hmida

17:00-17:30	Coffee Break	Hall
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POSTER SESSION 2 (Hall) (17:00-18:30)

20:00	SOCIAL DINNER – CAN TRAVI NOU
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09:00-09:50

PLENARY — PL5

Endocrine system under chemical pressure: cross-species and 3D human models in a One Health framework

Oliana Carnevali | Chair: Adelino Canario

Aula Magna

PARALLEL SESSIONS - MORNING

	ROOM: Aula Magna Symposium 11 — Neuropeptides: new and emerging concepts <i>Chair: Isabel Beets & Luis Yañez-Guerra</i>	ROOM: M1 Symposium 12 — Endocrinology and chronobiology <i>Chairs: Nicholas S. Foulkes & Jacob A. Smith</i>
10:00-10:30	SoA11 Multifactorial control of fish reproduction by the secretograninergic system — <i>Vance Trudeau</i>	SoA12 The zebrafish pineal gland reclaims the spotlight — <i>Yoav Gothilf</i>
10:30-11:00	Coffee Break	Hall
11:00-11:15	072 Transcriptomic and neuropeptidomic insights into nervous system regulation of shell biomineralization in the Mediterranean mussel (<i>Mytilus galloprovincialis</i>) — <i>Zhi Li</i>	079 Evolution of light-regulated cell signalling pathways in vertebrates — <i>Nicholas Foulkes</i>
11:15-11:30	073 Functional diversification of GLWamide-GPCR system in the cnidarian <i>Nematostella vectensis</i> — <i>Cesar Adrian Garcia</i>	080 A model to study conserved food-reward circuits: ghrelin and dopamine during food anticipatory activity in goldfish — <i>Lisbeth Herrera-Castillo</i>
11:30-11:45	074 Neuropeptides and their potential roles in scleractinian corals — <i>Ching-Fong Chang</i>	081 Effects of free temperature choice on clock genes, neurogenesis and brain monoaminergic function in Atlantic salmon parr — <i>Mauro Chivite-Alcalde</i>
11:45-12:00	075 Evidence of family B1 GPCR genes in Cnidaria rewrites their evolutionary history — <i>João Cardoso</i>	082 Circadian regulation of extracellular vesicles — <i>Yiqun Wang</i>
12:00-12:15	076 Insulin signalling and ecdysis in the German cockroach — <i>José Luis Maestro</i>	083 Sex and day/night dependent regulation of muscle and liver proteome — <i>Tamara Madzi</i>
12:15-12:30	077 Insect neuropeptides influence the electrophysiological properties of mammalian excitable cells — <i>Pawel Marciniak</i>	084 Behavioural effects of dopamine depletion induced by CRISPR targeting of tyrosine hydroxylase in zebrafish — <i>José Miguel Cerdá-Reverter</i>
12:30-12:45	078 The mystery of Myoglianin: a key regulator of development in the desert locust <i>Schistocerca gregaria</i> (Orthoptera: Acrididae) — <i>Solmaz Ghanbari</i>	

12:45-13:45

ESCE GENERAL ASSEMBLY

Aula Magna

13:45-14:15

CLOSING CEREMONY

Aula Magna

14:15-15:00

LUNCH (Lunch box)



POSTERS

POSTERS

Code	Author	Title
1. Invertebrate neurohormones governing physiology and behavior: a symposium honoring the careers of Angela Lange and Ian Orchard		
P1	Yang Zou	Deorphanisation and evolutionary analysis of monoamine GPCRs in the sea urchin <i>Mespilia globulus</i>
P2	Jimena Leyria	Evidence for juvenile hormone regulation of cellular and humoral immunity during vitellogenesis in the classical insect model <i>Rhodnius prolixus</i>
2. Growth and growth factors: A Tribute to Erika M. Plisetskaya		
P3	Munetaka Shimizu	An <i>in vivo</i> effect of recombinant salmonid insulin-like growth factor binding protein-1a
P4	Munetaka Shimizu	Effect of recombinant rainbow trout insulin-like growth factor binding protein-1a on cultured trout muscle cells
P5	Emilio J. Vélez	Endosomal microautophagy (eMI): an unknown player in the regulation of growth and metabolism?
P6	Roger Solà	Insights into cellular signalling cascade elicited by taurine in cultured myotubes from European sea bass (<i>Dicentrarchus labrax</i>)
P7	Roger Solà	Transcriptomic insights into two gilthead sea bream (<i>Sparus aurata</i>) genetic lines fed with organic diets
P8	Maricela Luna	Inhibition of growth hormone receptor (GHR) activation by pegvisomant exacerbates neuroinflammation and motor deficits following neonatal hypoxia
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+34 933 633 954
secretary@cecebarcelona2026.com