

Thursday, 16th of September				
CEST				Pt
	14:30	General organization		13:30
	14:45	Opening ceremony		13:45
	15:00	Opening Lecture (OL) - Prof. Oliana Carnevali: "Environmental contaminants of anthropogenic origin: a threat to wildlife and human health"		14:00
	15:30	Chairs: Isabel Navarro, Jose Luis Soengas		14:30
Session 1: Neuroendocrinology and rhythms Chairs: M ^a Jesús Delgado, Jesús Míguez	15:45	O1 Inmaculada Rodríguez	Daily and seasonal rhythms of lipid metabolism and fatty acids profile in European sea bass	14:45
	16:00	O2 Elisa Samori	Daily rhythms in the stress response of the European sea bass (<i>Dicentrarchus labrax</i>): effects of seasonality and feeding time	15:00
	16:15	O3 Alejandra Godino	The role of melanocortin system in the regulation of circadian rhythms in fish	15:15
	16:30	O4 Diego Madera	Temperature and fasting: two synchronizers of nocturnin expression in goldfish?	15:30
	16:45	O5 Zhi Li	Allatostatin-C (AST-C) as a putative regulatory factor of the mantle in the Mediterranean mussel (<i>Mytilus galloprovincialis</i>)	15:45
	17:00	O6 Nuria Saiz Aparicio	Looking for peripheral photoreception in goldfish (<i>Carassius auratus</i>)	16:00
	17:15	Coffee break		16:15
Session 2: Immune system and osmoregulation Chairs: Thomas Knigge, Juan Miguel Mancera	17:30	O7 Maoxiao Peng	Complement c345 subunit "a" in protostomes is a chemotaxin of bivalve haemocytes and a functional homologue of deuterostome c5a	16:30
	17:45	O8 Yawei Shen	Expression and functional analysis of hepcidin from mandarin fish (<i>Siniperca chuatsi</i>)	16:45
	18:00	O9 Esther Leal	Role of melanocortin system in the zebrafish skin physiology	17:00
	18:15	O10 Andre Barany	Two different corticosteroids, cortisol and dexamethasone, modulate the osmo-regulatory response after hypersaline transfer in the gilthead seabream (<i>S.aurata</i>)	17:15
Posters session	18:30	P1 to P30 , displayed in different ZOOM breakout rooms (details in the posters list)		17:30
	20:00			19:00
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Session 3: Reproduction Chairs: Francesc Piferrer, Alicia Felip	09:00	O11 Núria Sánchez-Baizan	Gonadal transcriptome dynamics during sex differentiation across vertebrates	08:00
	09:15	O12 Alessia Mascoli	Sex-specific subfunctionalization of <i>gsdf</i> duplicates in early gametogenesis of sea bass	08:15
	09:30	O13 Gonzalo de Alba	Combined effects of rearing temperature regime and thermal treatment on the sex differentiation process of Nile tilapia	08:30
	09:45	O14 Paul George Holhorea	Male sex reversal is nutritionally and genetically regulated in sea bream: insights in welfare and reproductive resilience	08:45
	10:00	5 minutes break		09:00
	10:05	O15 Cinta Zapater	New role of <i>amh</i> as a steroidogenesis promoting hormone in European sea bass (<i>Dicentrarchus labrax</i>)	09:05
	10:20	O16 Laura Sempere	Changes in body weight and plasma levels of reproductive hormones in prepubertal sea bass females with advanced gonadal growth	09:20
	10:35	O17 Anthony Nzioka	Molecular pathways involved in ovarian follicular atresia in European hake (<i>Merluccius merluccius</i>)	09:35
10:50	O18 Diana Santos	Expression of estrogenic biomarkers in the liver of brown trout males in distinct reproductive phases	09:50	
	11:05	Coffee break		10:05
Session 4: Growth and development Chairs: Joaquim Gutiérrez, Deborah Power	11:15	O19 Sandra Navarro	Decreased activity of the melanocortin system in zebrafish enhances growth during early adulthood but has no impact in puberty	10:15
	11:30	O20 Laura Guerrero-Peña	Brains in metamorphosis. Spatiotemporal transcriptome dynamics in hatchery-reared flatfishes	10:30
	11:45	O21 Sílvia Beato	Reprogramming of epigenetic marks during early development across vertebrates	10:45
	12:00	O22 Lisen Li	IGF2BPs as novel RNA-binding proteins that modulate early fish development	11:00
	12:15	5 minutes break		11:15
	12:20	O23 Babak Najafpour	Ontogeny of insulin-like growth factor binding proteins (IGFBP) during gilthead sea bream, <i>Sparus aurata</i> , development	11:20
12:35	O24 Fernando Naya-Català	Transcriptome profile of GH/IGF system shows an early tissue-specific differentiation and hypoxia responsive genes in sea bream	11:35	
12:50	O25 Sheida Azizi	First results on gene transfection in fish muscle cells	11:50	
Lunch	13:05			12:05
Session 5: Food intake and metabolism Chairs: Jaume Pérez-Sánchez, Pedro Guerreiro	14:00	O26 Mauro Chivite	Dopamine, a controversial gonad in the feeding regulation in teleost fish	13:00
	14:15	O27 Sara Comesaña	LAT1 and SNAT2 carriers are involved in leucine sensing in brain of Atlantic salmon (<i>Salmo salar</i>)	13:15
	14:30	O28 Jessica Calo	First evidence for the presence of fatty acid sensing mechanisms in the rainbow trout gastrointestinal tract	13:30
	14:45	O29 Sara Balbuena-Pecino	Benefits of dietary hydroxytyrosol on musculoskeletal growth and hepatic metabolism in gilthead sea bream (<i>Sparus aurata</i>)	13:45
	15:00	O30 Catarina Basto-Silva	Dietary protein/carbohydrate ratio and feeding frequency affect gilthead seabream (<i>Sparus aurata</i>) appetite regulation mechanism	14:00
	15:15	O31 Aitana Alonso-Gómez	IGFBP1 and IGFBP2 in goldfish: distribution, rhythmicity and influence of environmental zeitgebers	14:15
	15:30	5 minutes break		14:30
	15:35	Closing Lecture (CL) - Prof. Rui Oliveira: "Evolutionary conserved role of oxytocin in the regulation of social behavior"		14:35
	16:05	Chair: Adelino Canário		15:05
	16:20	General Assembly		15:20
	17:00	Closing ceremony		16:00