

2019年臺法雙邊研討會 海洋生物神經胜與激素研討會

Taiwan-France Bilateral Conference on Neuropeptides and Hormones in Marine Organisms

Monday July 15 - Friday July 19, 2019

Schedule

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| Monday | July 15th, | 2019 | Arrive Taiwan 06:30 BR0088 stay in K-Hotel (Keelung) 18:30 dinner in K-Hotel (Keelung) |
| Tuesday | July 16th, | 2019 | 08:30 meet at K-Hotel lobby Conference day1 Visit campus Dinner seafood restaurant 友信海產 (新北市瑞芳區深澳路189-7號) |
| Wednesday | July 17th, | 2019 | 08:30 meet at K-Hotel lobby Conference day2 Visit NTOU G.L Aqua center水生生物研究暨保育中心 Ling Jiou Mountain靈鷲山 *Religious holy places, please wear suitable clothes* Yinyang Sea & Golden Fall 陰陽海&黃金瀑布 Jiufen九份 Dinner-Keelung City Indigenous Cultural Hall原住民文化會館 |
| Thursday | July 18th, | 2019 | 09:00 meet at K-Hotel lobby Taipei city National Palace Museum故宮博物院 Lunch Bopiliao Historic Block剝皮寮歷史街區 Chiang Kai-shek Memorial Hall中正紀念堂 Dinner-Miaokuo Night Market基隆廟口夜市 |
| Friday | July 19th, | 2019 | 09:00 meet at K-Hotel lobby Visit Heping Island Park和平島公園 National Museum of Marine Science and Technology海洋科技博物館 Lunch back to K-Hotel (Keelung) Free time 16:30 Check out (Lauggages leave in K-Hotel) Visit Zhongzheng (Jhongjheng) Park & Zhuputan Temple中正公園&主普壇 18:30 Dinner- Red Kitche紅廚 20:00 meet at K-hotel lobby -> to Airport 23:50 BR0087 |
| Saturday | July 20th, | 2019 | Arrive Paris |

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July 16th, 2019 (Tuesday)

Auditorium 2

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| 09:00-09:15 | Opening Remarks (Ching-Fong CHANG & Sylvie DUFOUR) | | |
| | Chairman: CHANG Ching-Fong 張清風 (National Taiwan Ocean University, Keelung, Taiwan) Sylvie DUFOUR (CNRS, MNHN, Research Unit BOREA, Biology of Aquatic Organisms and Ecosystems, Paris, France) | | |
| 09:15-09:40 | DUFOUR Sylvie | Research Director, CNRS, MNHN, Research Unit BOREA, Biology of Aquatic Organisms and Ecosystems, Paris, France | Evolutionary history of gonadotropin-inhibiting hormone (GnIH) with new insights from basal teleosts |
| 09:40-10:05 | FAVREL Pascal | Professor, University of Caen-Normandy, Research Unit BOREA, Biology of Aquatic | The pacific oyster <i>Crassostrea gigas</i> : a Lophotrochozoan model to investigate the evolution of neuroendocrine signaling systems |
| 10:05-10:30 | SOURDAINE Pascal | University of Caen-Normandy, Research Unit BOREA, Biology of Aquatic Organisms and Ecosystems, Caen, France | Endocrine <i>versus</i> paracrine control of spermatogenesis in Elasmobranchs: new insights from shark genomes |
| 10:30-10:40 | Photo time | | |
| 10:40-11:00 | Break | | Snack & hot tea |
| | Chairman: WU Guan-Chung 吳貫忠 (Department of Aquaculture, National Taiwan Ocean University, | | |
| 11:00-11:25 | CHUNG Bon-chu 鍾邦柱 | Academician, Academia Sinica, Taipei, Taiwan | Action of neurosteroid pregnenolone in zebrafish brain |
| 11:25-11:45 | HWANG Pung-Pung 黃鵬鵬 | Distinguished Research Fellow, Inst. of Cellular and Organismic Biology, Academia Sinica, Taipei, Taiwan | New actions of neuropeptides on body fluid ionic and acid-base homeostasis in fish |
| 11:45-12:05 | HUANG Yung-Sen 黃永森 | Associate professor, Department of Life Science, National University of Kaohsiung, Kaohsiung, Taiwan | Sensitivities of Japanese eel primary ovary on exogenous androgen – correlated with ovarian neuropeptides and their receptors? |
| 12:05-12:20 | LIN Chien-Ju 林倩如 | Postdoc, Department of Aquaculture, National Taiwan Ocean University, Keelung, Taiwan | Activation of the brain-pituitary-gonadotropic axis during gonadal differentiation and testis development in protandrous black porgy, <i>Acanthopagrus schlegelii</i> |
| 12:20-13:30 | Lunch box | | Auditorium 2 |
| | Chairman: CHUNG Bon-chu 鍾邦柱 (Academician, Academia Sinica, Taipei, Taiwan) | | |
| 13:30-13:55 | LAFONT Anne-Gaëlle | Researcher, Sorbonne University, Hopital Saint Antoine, Biological Resource Center & MNHN, Research Unit BOREA, Biology of Aquatic Organisms and Ecosystems, Paris, France | Evolutionary history of neuropeptide and receptor super-families in vertebrates, with a special focus on a basal teleost, the eel |
| 13:55-14:20 | MIRABEAU Olivier | Research Engineer, Institut Curie, Paris, France | Ancient coevolution of neuropeptides and their receptors in bilaterian genomes |

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| 14:20-14:45 | LEPRINCE Jérôme | Researcher, INSERM, Manager of Peptide Synthesis and Functional Screening facilities of PRIMACEN Cellular Imaging Platform the University of Rouen-Normandy, Rouen, France | Differences and Similarities between Mammalian and Fish Endozepinergic System |
| 14:45-15:10 | REALIS- DOYELLE Emilie | Lecturer, University of Caen-Normandy, Research Unit BOREA, Biology of Aquatic Organisms and Ecosystems, Caen, France | Characterization of neuroendocrine signalling systems during gametogenesis in the Pacific oyster, <i>Crassostrea gigas</i> |
| 15:10-15:30 | Break | | Bubble tea (Auditorium 2) |
| | Chairman: HWANG Pung-Pung 黃鵬鵬 (Inst. of Cellular and Organismic Biology, Academia Sinica, Taipei, Taiwan) | | |
| 15:30-15:50 | WU Guan- Chung 吳貫忠 | Associate professor, Department of Aquaculture, National Taiwan Ocean University, Keelung, Taiwan | How protandrous black porgy to determine their sexes through the HPG axis? |
| 15:50-16:10 | JENG Shan-Ru 鄭綸如 | Professor, Department and Graduate Institute of Aquaculture, National Kaohsiung University of Science and Technology, Kaohsiung, Taiwan | Expression of sex-specific genes during testicular differentiation in Japanese eel |
| 16:10-16:30 | CHEN Chieh- Jhen 陳健蓁 | Postdoc, Center of Excellence for the Oceans, National Taiwan Ocean University, Keelung, Taiwan | The plasticity of gonad development of sexual reproduction in a scleractinian coral, <i>Porites lichen</i> |
| 16:30-16:45 | NAGARAJAN Aruna | Basic sciences department, PYD, King Faisal University, Saudi Arabia | Differential expression of brain arginine vasotocin and isotocin in response to osmotic change in black porgy, <i>Acanthopagrus Schlegelii</i> |
| 16:45-18:00 | NTOU Founding Park, NTOU History Museum, Ocean Center | | |
| 18:30-20:00 | Dinner | | Shen'ao Fishery harbor, seafood 友信海產 |

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July 17th, 2019 (Wednesday)

Auditorium

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| | Chairman: Pascal SOURDAINE (Research Unit BOREA, University of Caen - Normandy, Caen, France) | | |
| 09:00-09:25 | TOSTIVINT Hervé | Professor, Muséum National d'Histoire Naturelle, Research Unit Molecular Physiology and Adaptation, Paris, France | Peptides of the urotensin II family: evolutionary and functional perspectives |
| 09:25-09:45 | NAGARAJAN Ganesan | Assistant Professor, Biology PYD (Molecular Biology & Neuroendocrinology), King Faisal University, Al Hasa, Kingdom of Saudi Arabia | Neuropeptide AVT and E2 system stimulates neurogenic activity and early brain development in the orange-spotted grouper |
| 09:45-10:10 | COLLET Bertrand | Research Director, INRA, Unit of Molecular Virology and Immunology, Jouy en Josas, France | Gene editing in fish cell lines – perspectives for the functional study of peptides with immunological functions |
| 10:10-10:35 | ZALTINY- GAUDIN Céline | Associate Professor, University of Caen-Normandy, Research Unit BOREA, Biology of Aquatic Organisms and Ecosystems, Caen, France | Identification of neuropeptides in marine organisms by in silico analysis and peptidomic approach |
| 10:35-11:00 | Break and Photo time | | Snack & hot tea |
| | Chairman: JENG Shan-Ru 鄭鈞如 (Department and Graduate Institute of Aquaculture, National Kaohsiung University of Science and Technology Kaohsiung, Taiwan) | | |
| 11:00-11:20 | LEE Chi-Ying 李奇英 | Professor, Department of Biology, National Changhua University of Education, Changhua, Taiwan | Regulation of metabolism by crustacean hyperglycemic hormone with pathological implications |
| 11:20-11:40 | LIU Yi-Wen 劉蕙雯 | Professor, Department of Life Science, Tunghai University, Taichung, Taiwan | Deciphering the molecular and cellular mechanisms that regulate organogenesis of the interrenal gland |
| 11:40-12:05 | SHIKINA Shinya 識名信也 | Associate professor, Institute of Marine Environment and Ecology, National Taiwan Ocean University, Keelung, | Neuropeptides in a scleractinian coral <i>Euphyllia ancora</i> |
| 12:05-12:15 | Closing | | |
| 12:15-13:15 | Lunch box | | Auditorium 2 |
| 14:00-15:00 | NTOU G.L Aqua center (New Taipei city) | | |
| 15:30-18:00 | Ling Jiou Mountain 靈鷲山 Yinyang Sea & Golden Fall 陰陽海&黃金瀑布 Jiufen 九份 | | |
| 18:30-20:00 | Dinner | | Hepin Island Keelung City Indigenous Cultural Hall |