

| July 8 (Tue) |                               | July 9 (Wed)  |   |  | July 10 (Thr)   |  |  | July 11 (Fri)   |  |   | July 12 (Sat)  |   |  |
|--------------|-------------------------------|---|---|--|---|--|--|---|--|---|--|---|--|
| 9:00         |                               | PL3 Barrington-Kobayashi Lecture:<br>Peter Thomas (USA)                                       |   |  | PL4 Grace Pickford Medal Lecture:<br>Jason Breves (USA)             |  |  | PL6 Bargmann-Scharrer Lecture:<br>Veerle Darras (Belgium)   |  |   | PL7: Adelino Canario (Portugal)                                  |   |  |
| 10:00        |                               | Coffee Break  |   |  | Coffee Break  |  |  | Coffee Break  |  |   | Coffee Break   |   |  |
|              |                               | Symposium1  | Symposium2  | Symposium3   | Symposium7  | Symposium8   | Symposium9   | Symposium13   | Symposium14  | Symposium15                               | Symposium18  | Symposium19                                 | Symposium20  |
|              |                               | From Teleosts to Mammals: Diverse Hypothalamic Mechanisms Driving Reproduction in Vertebrates | How the Placenta, Extraembryonic Membranes, and Host Microbiomes Program Neurobehavioral Responses in Comparative Animal Models | Stress Axis I: From Origins to Implications of Actions                               | New Advances of Tissue Imaging in Endocrinology<br>*Joint with JEPS | Endocrinology of Non-model Organisms   | Evolutionary Perspectives on the Hormonal Control of Osmoregulation in Vertebrates | New Insights into Acetylcholine Signaling Inside and Outside of the Nervous System<br>*Joint with JSCPB | Neuropeptides as Regulators of Social Behaviour  | Invertebrate Neuropeptides and Behaviours | New Insights into Neuropeptide Biology from Marine Invertebrates | Biological Clocks under Natural Environment | Recent Progress in Pacific Salmon Stock Enhancement: from a Perspective of Comparative Endocrinology |
| 12:00        |                               | Lunch   |   |  | Lunch   |  |  | Lunch<br>GCE Board Meeting  |  |   | Lunch  |   |  |
| 13:00        | Registration                  | Symposium4  | Symposium5  | Symposium6   | PL5: Shingo Kajimura (USA)  |  |  | Symposium16   | Symposium17  | Student Oral Presentations                | Young Researcher Oral Presentations: Selection for GCE Award     |   |  |
| 14:00        |                               | New Frontiers for Comparative Endocrinology from Neuroendocrine Research<br>*Joint with JNS   | New Frontier in the Regulation of Spermatogenesis by Hormones and Long Noncoding RNAs   | Stress Axis II: New Insights into the Molecular and Cellular Aspects of HPA/HPI Axis | Coffee Break  |  |  | Evolutionary Insights from Amphibian and Reptile Endocrinology and Neurobiology<br>*Organized by ISAREN | JSCE 50th Anniversary Symposium: Kobayashi Award and Encouragement Award of JSCE<br>*Organized by JSCE |   | Coffee Break   |   |  |
|              | Opening Ceremony              |   |   |  | Symposium10   | Symposium11  | Symposium12  |   |  |   |  | PL8: Takashi Yoshimura (Japan)              |  |
| 15:00        | PL1: Deborah Power (Portugal) | Poster Presentation   |   |  | Hormonal Control of Vertebrate Development                          | Current Trends in the Endocrine Regulation of Feeding, Metabolism and Growth | Phylogeny and Ontogeny of the Renin-Angiotensin System and Its Clinical Impact     | Poster Presentation   |  |   |  |   |  |
|              | Coffee Break                  |   |   |  |   |  |  |   |  |   |  |   |  |
| 16:00        | PL2: Marek Jindra (Czechia)   |   |   |  |   |  |  |   |  |   |  |   |  |
| 17:00        |                               |   |   |  |   |  |  |   |  |   |  |   |  |
|              | Welcome Party                 | IFCES Council Meeting   |   |  |   |  |  | Congress Dinner@Sendai city   |  |   |  |   |  |

**JNS:** Japan Neuroendocrine Society  
**JEPS:** Japan Endocrine Pathology Society  
**JSCPB:** Japanese Society for Comparative Physiology and Biochemistry  
**ISAREN:** International Symposium on Amphibian and Reptilian Endocrinology and Neurobiology  
**JSCE:** Japanese Society for Comparative Endocrinology