Poster Presentation

P01/S1-4
"Functional Connections among Neurons Involved in Photoperiodic Control of Diapause in the Blow Fly, *Protophormia terraenovae*"
Sakiko Shiga (Osaka City University, Japan)

P02
"Northern *Drosophila* Species: A Genetically Tractable Model System for Animal Photoperiodism"
Shu Kondo (National Institute of Genetics, Japan)

P03
"The Molecular Basis of Distinct Dietary Responses to Nutrient Balances between *Drosophila* Generalist and Specialist Species"
Yukako Hattori (Kyoto University, Japan)

P04
"Change for the Last 25 Years in Photoperiodic Responses for Diapause Induction and Wing Form Determination in a Water Strider, *Aquarius Paludum*"
Tetsuo Harada (Kochi University, Japan)

P05/S2-5
"The Modulation of Circadian Periods is Linked to a Local Adaptation of Critical Day-lengths for Flowering in a Japanese Short-day Duckweed"
Tomoaki Muranaka (Graduate School of Science, Nagoya University, Japan)

P06
"Phase Response of Plant Circadian Clocks Yields Robust Metabolic Rhythms Under Variations in Day Length"
Takayuki Ohara (Hokkaido University, Japan)

P07
"Seasonal Dynamics of *Turnip Mosaic Virus* and Its Relationship with Host Transcriptome under a Natural Environment"
Mie N. Honjo (Kyoto University, Japan)

P08/S3-4
"Expression of Photosignal Transduction-related Genes in the Saccus Vasculosus of Fishes"
Masayuki Iigo (Utsunomiya University, Japan)

P09
"Seasonal Reproduction of a Reef Fish in Tropical Monsoon"
Angka Mahardini (University of the Ryukyus, Japan)

P10
"Rhythmic Activity of Freshwater Eels Driven by Daily and Lunar Cycles during Their Spawning Migration"
Takatoshi Higuchi (Nihon University, Japan)

P11
"Genetic Mechanisms Underlying Variation in Seasonal Reproduction Between Stickleback Ecotypes"
Asano Ishikawa (National Institute of Genetics, Japan)

P12
"Geographical Variation in Response to Short-Day in Medaka, *Oryzias latipes*"
Mana Nakatsukasa (National Institute for Basic Biology, Japan)

P13
"Forward Genetic Analysis of Photoperiodic Time Measurement in Medaka, *Oryzias latipes*"
Ai Shinomiya (National Institute for Basic Biology, Japan)

P14
"Genome-wide Expression Analysis of Genes in Response to the Autumn Season in Medaka (*Oryzias latipes*)"
Tomoya Nakayama (National Institute for Basic Biology, Japan)

P15
"Genome-wide Expression Analysis of Genes in Response to the Spring Season in Medaka (*Oryzias latipes*)"
Tsuyoshi Shimmura (National Institute for Basic Biology, Japan)

P16
"Effects of Changing Day Length and Temperature on the Behavior of Medaka (*Oryzias latipes*)"
Souta Minou (Nagoya University, Japan)

P17
"Effect of Perinatal Photoperiod on Neurogenesis and Affective Behaviors in Mice"
Yusuke Takai (Kyushu University, Japan)

P18
"The Role of Skeletal Muscle Glucocorticoid Receptors in Photoperiodic Response of Affective Behaviors"
Ayako Tashiro (Kyushu University, Japan)

P19/S5-4
"Orchestration of Hypothalamic Gene Expression in Natural Photoperiod Over The Course of One Year in the Siberian Hamster"
Perry Barrett (University of Aberdeen, UK)

P20/S5-5
"Evidence for Systemic Remodeling Prior to Hibernation in the Syrian Hamster (*Mesocricetus auratus*)
"Yoshifumi Yamaguchi (The University of Tokyo, Japan)

P21
"Is the Resistance to Ischemia-Reperfusion Stress Conferred during Hibernation Period in Syrian Hamster?"
Daisuke Anegawa (The University of Tokyo, Japan)

P22
"Remodeling in White Adipose Tissue Begins Prior to Hibernation in Syrian Hamster, a Facultative Hibernator"
Yuichi Chayama (The University of Tokyo, Japan)

P23
"Intra-specific Variation of Hibernation Style in Siberian Chipmunk, Tamias sibiricus"
Taito Kamata (Niigata University, Japan)

P24
"Search for the Thermosensors Involved in Temperature Dependent Negative Masking Behavior in Mice"
Wataru Ota (Nagoya University, Japan)

P25
"Functional Analysis of Pineal Serotonin in Mice"
Keisuke Ikegami (Kindai University Faculty of Medicine, Japan)

P26
"Is EZH2 a Seasonal Timekeeper?"
Shona H. Wood (University of Machester, UK)

P27
"Genome Wide Transcript and Methylation Changes in the Sheep Seasonal Clock"
Matthew M. Hindle (The Roslin Institute, UK)

P28
"Regional Specificities of Circadian Photoperiodic Responses in the Mouse Suprachiasmatic Nucleus"
Tomoko Yoshikawa (Hokkaido University, Japan)

P29
"Screening of Small Molecules That Regulate Circadian Rhythms in Mammals"
Akane Kobayashi (Nagoya University, Japan)

P30
"In Vivo Application of Circadian Clock Modulators"
T. Katherine Tamai (Nagoya University, Japan)

P31
"Development of Thyroid Hormone Analogs That Control Lipid Metabolism"
Taeko Ohkawa (Nagoya University, Japan)

P32

“Recovery from Age-Related Infertility under Environmental Light-Dark Cycles Adjusted to the Intrinsic Circadian Period”

Wataru Nakamura (OsakaUniversity, Japan)