

## Ryudai-OIST Joint Symposium Poster Presenters

| No. | First Name       | Family Name       | Affiliation                   | Poster Title                                                                                                                                         |
|-----|------------------|-------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Antonio Wai Ming | Casablanca        | OIST                          | Reprogramming xylem cell differentiation in Arabidopsis thaliana protoplast-driven suspension cultures                                               |
| 2   | Christophe       | Pin               | OIST                          | Directional emission and self-intersecting geodesic whispering gallery modes in asymmetric microbubble resonators                                    |
| 3   | Gakuya           | Takakamatsu       | The University of the Ryukyus | Mitochondrial ATP Metabolism Gene X Is Associated with Neuronal Calcium Dynamics and Mood-Related Behavior                                           |
| 4   | Daniel           | Müller-Komorowska | OIST                          | Phase-Amplitude Coupling in the Seizure Onset Zone of Epilepsy Patients                                                                              |
| 5   | Geoffrey         | Garcia            | OIST                          | Novel continuum robots from minimally invasive procedures                                                                                            |
| 6   | Hisanori         | Arakaki           | The University of the Ryukyus | 3'-Fluorinated Thalidomide Derivatives: Stereoselective Synthesis and CRBN Binding Properties                                                        |
| 7   | Hsiao-chian      | Chen              | OIST                          | Ultrastructure of the pigment cells in the characteristic clownfish (Amphiprion Ocellaris) color pattern                                             |
| 8   | Jovan            | Rebolledo-Mendez  | OIST                          | Connectome and Neurodegenerative Diseases: Realities of Models to Understand the Spreading                                                           |
| 9   | Kaoru            | Kinjo             | The University of the Ryukyus | IF1 restrains excessive elevation of the mitochondrial membrane potential and safeguards the epithelial state of human iPSCs                         |
| 10  | Lea              | Picard            | OIST                          | DTX3L–PARP9 co-evolve as a single adaptive unit linking ubiquitination and ADP-ribosylation in antiviral immunity                                    |
| 11  | Mst Ruksana      | Yesmin            | OIST                          | Social experience modulates responses the neurons in locus coeruleus and physiological reaction to social behavior in zebra finch pairs              |
| 12  | Satoru           | Arimitsu          | The University of the Ryukyus | Enantioselective Synthesis of $\alpha$ -Monofluorinated $\alpha$ -Amino Acid Derivatives and Their Application to $\alpha$ -Monofluorinated Peptides |
| 13  | Narae            | Kim               | OIST                          | TBD                                                                                                                                                  |
| 14  | Nirilanto        | Ramamonjisoa      | OIST                          | MRI Support for Animal Research                                                                                                                      |
| 15  | Toru             | Takahata          | The University of the Ryukyus | Exploration of thalamus-derived cortical differentiation factor genes in primates                                                                    |
| 16  | Saurav           | Raj               | OIST                          | Position-Dependent Functionalization of a Highly Luminescent and Photostable Nanographene Toward Super-Resolution Bioimaging                         |
| 17  | Taisuke          | Higuchi           | OIST                          | Behavior-dependent clustering of astrocytic $\text{Ca}^{2+}$ activity in posterior parietal cortex of awake mice                                     |
| 18  | Wataru           | Uehara            | The University of the Ryukyus | Impact of Concomitant Statins and Fibrates on Daptomycin-Associated Muscle Toxicity.                                                                 |
| 19  | Vadim            | Samardak          | OIST                          | Manipulation and State Readout of Electrons Confined in Microstructures for Quantum-CCD Architecture                                                 |
| 20  | Yuichi           | Morohashi         | OIST                          | Molecular profiles of auditory tutor song memory neurons that transiently project to song premotor area in zebra finches                             |