

|       | Day1 - November 14 (Fri)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Day2 - November 15 (Sat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:00  | Registration Opens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8:30 – 9:00 <b>Morning Seminar</b><br>(Co-sponsored SBI Pharma)<br>Speaker: Kanae Ando (Dept. Biol. Sci., Grad. Sch. Sci., Tokyo Metro. Univ.)                                                                                                                                                                                                                                                                                                                                                                                             |
|       | 08:45 – 09:00 Opening Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 9:00  | 09:00 – 10:00 <b>Symposium 1 – Frontiers in Mitochondrial Dynamics and Organelle Interactions</b><br>Chairs: Naotada Ishihara (Dept. Biol. Sci., Osaka Univ.)<br>Koji Okamoto (Lab. Mitochondrial Dyn., Osaka Univ.)<br>Speakers: 1) Keiko Iwata (Wakayama Med. Univ.)<br>2) Shinya Tashiro (Yamagata Univ.)<br>3) Keiji Numata (Kyoto Univ, RIKEN)<br>4) Yuichi Matsushima (Dept. Biol. Sci., Osaka Univ.)                                                                                                          | 9:00 – 9:50 <b>Oral Session 3</b><br>Chairs: Yukiko Yatsuka (Diagn. & Ther. Intractable Dis., Juntendo Univ.)<br>Tatsuo Matsunaga (Natl. Inst. Sens. Org., Tokyo Med. Ctr.)<br>Speakers: 1) Yoshihito Kishita (Dept. Life Sci., Kindai Univ.)<br>2) Atsuko Okazaki (Dept. Diagn. & Ther. Intractable Dis., Juntendo Univ.)<br>3) Takamitsu Yano (Triplex Therapeutics Inc.)<br>4) Shun Watanabe (Dept. Clin. Biol. & Horm. Regul., Tohoku Univ.)                                                                                           |
| 10:00 | 10:10 – 11:10 <b>Symposium 2 – Frontiers in Mitochondrial tRNA Metabolism Regulation and Disease Mechanisms</b><br>Chairs: Fan-Yan Wei (Dept. Modomics Biol. Med., IDAC, Tohoku Univ.)<br>Hideki Uosaki (Dept. Biochem, Jichi Med. Univ.)<br>Speakers: 1) Haruna Tani (Tohoku Univ, IDAC)<br>2) Naoki Yahata (Dept. Dev. Biol., Fujita Health Univ. Sch. Med.)<br>3) Takeshi Tokuyama (Dept. Biochem, Jichi Med. Univ.)<br>4) Sena Niwa (Dept. Chem. Biotechnol., Univ. Tokyo)                                       | 10:00 – 11:15 <b>Oral Session 4</b><br>Chairs: Shun Nagashima (Tokyo Univ. Pharm. & Life Sci.)<br>Yuichi Matsushima (Dept. Biol. Sci., Osaka Univ.)<br>Speakers: 1) Mamiko Ishimatsu (Lab. Mol. Pathol. & Metab. Dis., Tokyo Univ. Sci.)<br>2) Yuhei Araiso (Dept. Clin. Lab. Sci., Kanazawa Univ.)<br>3) Ayumu Sugiura (Grad. Sch. Med., Juntendo Univ.)<br>4) Rikuto Toda (Dept. Life Sci. & Tech., Sch. Sci. & Tech., Tokai Univ.)<br>5) Aya Shiba (Diag. Pathol., Univ. Tsukuba)<br>6) Mitsuhiro Nishigori (Div. Biol., Fukuoka Univ.) |
| 11:00 | 11:20 – 12:20 <b>Oral Session 1</b><br>Chairs: Ayumu Sugiura (Grad. Sch. Med., Juntendo Univ.)<br>Yuhei Araiso (Dept. of Clin. Lab. Sci., Kanazawa Univ.)<br>Speakers: 1) Yuto Ishikawa (Gakushuin Univ.)<br>2) Masaki Nakahashi (Dept. Biol. Sci., Osaka Univ.)<br>3) Shigeru Matsuda (Dept. Modomics Biol. & Med., Tohoku Univ.)<br>4) Ko Suzuki (Dept. Mol. Biochem., Iwate Med. Univ.)<br>5) Katsumi Kasashima (Dept. Biochem., Jichi Med. Univ.)                                                                | 11:15 – 11:35 <b>General Assembly</b><br>11:35 – 12:35 <b>Symposium 4 – Frontiers of Mitochondrial Genomics in Neurodegenerative and Neuromuscular Disorders</b><br>Chairs: Yuichi Goto (Natl. Ctr. Neurol. Psychiatry)<br>Shigeto Sato (Dept. Neurol., Juntendo Univ.)<br>Speakers: 1) Manabu Funayama (Juntendo Univ)<br>2) Satoru Torii (Inst. Sci. Tokyo)<br>3) Takeshi Taketani (Dept. Pediatr., Shimane Univ. Fac. Med)<br>4) Itsumi Sato (Dept. Pediatr., Hokkaido Univ.)                                                           |
| 12:00 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|       | 12:30 – 13:30 <b>Luncheon Seminar 1</b><br>(Co-sponsored by Astellas Pharma Inc.)<br>"Toward a Society Where Cutting-Edge Therapies Reach Patients"<br>Chair: Akira Ohtake (Dept. Clin. Genomics & Pediatr., Saitama Med. Univ. Hosp.)                                                                                                                                                                                                                                                                               | 12:45 – 13:45 <b>Luncheon Seminar 2</b><br>(Co-sponsored by Dojindo Laboratories)<br>"Analysis of Membrane Permeability Increase Mechanisms Using Isolated Mitochondria"<br>Speaker: Shigeomi Shimizu (Inst. Sci. Tokyo)                                                                                                                                                                                                                                                                                                                   |
| 13:00 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 14:00 | 13:40 – 14:40 <b>Oral Session 2</b><br>Chairs: Atsuko Okazaki (Dept. Diagn. & Ther. Intractable Dis., Juntendo Univ.)<br>Yoshihito Kishita (Dept. Life Sci., Kindai Univ.)<br>Speakers: 1) Yukiko Yatsuka (Diagn. & Ther. Intractable Dis., Juntendo Univ.)<br>2) Ying Zou (Dept. Neurol., Capital Med. Univ., Beijing, China)<br>3) Kohta Nakamura (Diagn. & Ther. Intractable Dis., Juntendo Univ.)<br>4) Hisato Aihara (Dept. Pediatr., Juntendo Univ.)<br>5) Tatsunori Itabashi (Dept. Pediatr., Hokkaido Univ.) | 13:50 – 14:50 <b>Poster Presentation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 15:00 | 14:50 – 15:50 <b>Symposium 3 – New Developments in Diagnosis and Treatment of Pediatric Mitochondrial Diseases</b><br>Chairs: Kei Murayama (Intractable Dis. Res. Ctr., Juntendo Univ.)<br>Masakazu Mimaki (Dept. Pediatr., Teikyo Univ.)<br>Speakers: 1) Taro Nagatomo (Jpn. Red Cross Fukuoka Hosp.)<br>2) Erika Ogawa (Dept. Pediatr., Tokyo Metro. Hiroo Hosp.)<br>3) Shunsaku Kaji (Dept. Pediatr., Tsuyama Chuo Hosp.)<br>4) Tatsuo Matsunaga (Natl. Inst. Sens. Org., Tokyo Med. Ctr.)                        | 15:00 – 16:00 <b>Symposium 5 – Mitochondrial Molecular Quality Control and Diseases</b><br>Chairs: Shigeru Yanagi (Dept. Life Sci., Fac. Sci., Gakushuin Univ.)<br>Kazuto Nakada (Inst. Life Environ. Sci., Univ. Tsukuba)<br>Speakers: 1) Hiroaki Tamashiro (Grad. Sch. Sci. Technol., Univ. Tsukuba)<br>2) Taisei Wakigawa (RIKEN / Univ. Tokyo)<br>3) Isshin Shiiba (Gakushuin Univ.)<br>4) Taku Ozaki (Iwate Univ.)                                                                                                                    |
| 16:00 | 15:50 – 16:50 <b>Special Lecture</b><br>The Journey from Basic Science to Pharmaceutical Approval in Mitochondrial Disease –from the first encounter with mitochondrial disease to regulatory approval –<br>Speaker: Shigeo Ohta (Juntendo Univ., Grad. Sch. Med., Neurol. Med.; Nippon Med. Univ., Adv. Inst.)                                                                                                                                                                                                      | 16:00 – 17:00 <b>Oral Session 5</b><br>Chairs: Katsumi Kasashima (Dept. Biochem., Jichi Med. Univ.)<br>Isshin Shiiba (Gakushuin Univ.)<br>Speakers: 1) Takahisa Anada (Inst. Mater. Chem. & Eng., Kyushu Univ.)<br>2) Chiharu Abe (Fac. Pharm. Sci., Tokyo Univ. Sci.)<br>3) Kaoru Shiraki (Fac. Pharm. Sci., Hokkaido Univ. Inst. Med.)<br>4) Nobuyuki Morimoto (Fac. Mater. Energy, Shimane Univ.)<br>5) Shigehiro ENKAI (Dept. Pediatr., Teikyo Univ. Sch. Med.)                                                                        |
| 17:00 | 16:50 – 18:00 <b>Evening Seminar</b><br>(Co-sponsored by Koinobori Association)<br>"Challenges Emerging from Patients' and Families' Voices: Insights from the Frontline of Mitochondrial Drug Discovery"<br><div>Mitochondrial Society Award &amp; Encouragement Award</div>                                                                                                                                                                                                                                        | 17:00 – Closing Remarks<br><div>Best Oral and Poster Presentation Awards</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 18:00 | 18:00 – 20:00 <b>Reception</b><br>(4F Banquet Hall)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 19:00 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 20:00 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |