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| 9:30 – 11:00 am | REGISTRATION (prefunction area) | (28) Nikolova, Ganka | Novel Mouse Locus Influencing Sex Determination Identified Using a Congenic Approach P-44 |
| 11:00 – 11:30 am | <i>Roger Short</i> KEYNOTE ADDRESS: What does sex determine? | (29) Olsson, Per-Erik | Co-Expression of Fushi Tarazu Factor-1d (FF1D) and Anti-Mullerian Hormone in Zebrafish P-46 |
| Gonadogenesis | | (30) Orvis, Grant | Determining the Basis for the Development of the Müllerian Duct P-48 |
| 11:30 – 12:00 pm | Session Chair – <i>Ken Morohashi, Okazaki</i> Transcriptional regulation of genes implicated in gonad development 1 | (31) Ostrer, Harry | Genetic Analysis of Human Sex Reversal P-50 |
| 12:00 – 12:15 pm | <i>Nagahama, Yoshiro</i> DMY is the sex-determining gene of the medaka, <i>Oryzias latipes</i> 3 | (32) Pask, A. J. | The Role of ATRX and DMRT1 During Gonadogenesis; From Marsupials To Mice P-51 |
| 12:15 – 12:30 pm | <i>Wilhelm, Dagmar</i> Elucidation of regulatory pathways involved in gonad development 5 | (33) Pazin, Dorothy | Analysis of the Role of Heparan Sulfate Proteoglycans in Gonad Development P-53 |
| 12:30 – 2:00 pm | LUNCH | (34) Queipo, Gloria | Workup of Ambiguous Genitalia in the Intersex Patient P-55 |
| 2:00 – 2:15 pm | <i>Kim, Yuna</i> <i>Egf9</i> and <i>Wnt4</i> act as antagonistic signals to regulate mammalian sex determination 6 | (35) Rodriguez-Mari, Adriana | <i>Anti-Müllerian Hormone</i> in Zebrafish: Characterization and Expression Pattern Relative to <i>sox9a</i> , <i>sox9b</i> and <i>cyp19a1a</i> During Gonad Development P-57 |
| 2:15 – 2:30 pm | <i>Renfree, Marilyn</i> Characterization and expression patterns of <i>WNT4</i> during gonadal development in marsupial, <i>Macropus eugenii</i> 7 | (36) Saito, Daisuke | Mutations Affecting Survival and Proliferation of Germ Cells in Medaka P-58 |
| 2:30 – 2:45 pm | <i>Lovell-Badge, Robin</i> A gonad specific enhancer from <i>Sox9</i> 5 | (37) Shima, Yuichi | VM11- And Pituitary Gonadotrope-Specific Enhancer of Ad4BP/SF-1 Gene P-60 |
| <u>2:45 – 3:00 pm</u> | <u><i>Tanaka, Minoru</i></u> Analyses of somatic cell lineages in the formation of gonads using cell tracing experiments and mutant medaka 10 | (38) Strussman, Carlos | Potential Use of Otolith Microchemistry for Field Studies of Temperature-Dependent Sex Determination in Fish P-62 |
| 3:00 – 3:15 pm | <i>Kanai-Azuma, Masami</i> A possible signaling pathway to induce SRY-dependent glycogenesis in pre-Sertoli cells in mouse early testis differentiation 12 | (39) Suzuki, A. | Expression of <i>DMY</i> -EGFP and <i>DMRT1</i> -DSRED Transgenes in the Medaka, <i>Oryzias Latipes</i> P-64 |
| 3:15 – 3:35 pm | BREAK | (40) Svingen, Terje | Homeobox Genes, Sex Differentiation and Development: The Identification of New Candidate Regulators of Gonadogenesis P-65 |
| 3:35 – 3:50 pm | <i>Katoh-Fukui, Yuko</i> Dual functions of a polycomb component, M33, in gonadal sex determination and development 14 | (41) Tang, Hao | Gm114, a Potential Germ Cell Differentiation Factor P-67 |
| | | (42) Tremblay, Jacques | Identification of Novel Homeoproteins During Mouse Epididymal Development P-68 |