






Poster Presentations at a glance

Group	No.	Best Presentation Award Candidates	Name	Affiliation	Abstract Title
Cell Biology	1		Megumi Yatabe	Jichi Medical University	Identification M2 macrophages in human anterior pituitary gland
	2		Kanae Kitatani	Tokai University	Long-term administration of estrogen induce the multi-hormone producing tumor in rat pituitary
Receptor	3		Hiroto Nishihara	Meiji University	Regulation of pituitary specific transcription factor Prop1 by retinoic acid signaling
	4		Morio Azuma	Jichi Medical University	Expression of basal cell adhesion molecule (BCAM), a specific receptor for the laminin $\alpha 5$ chain, in rat embryonic pituitary gland
	5		Ryota Terashima	Kitasato University	Augmentation of Nr4a3 expression in the anterior pituitary gland precedes the preovulatory LH surge in ovarian steroids dependent manner
	6		Jun Negishi	Meiji University	Effect of metal ions on the activation of zebrafish ovarian cancer G-protein-coupled receptor 1
	7		Yuta Mochimaru	Meiji University	OGR1 activations by metal ions compared between animal species.
	8		Ryutaro Moriyama	Kindai University	Effect of estrogen and progesterone on the expression of long-chain fatty acid receptor GPR120 in mouse gonadotrophs
	9		Taka-aki Koshimizu	Jichi Medical University	Extracellular sodium ion is essential for internalization of vasopressin V1B receptors
	10		Hiroaki Iijima	Tokai University	Impact of hypoleptinemia to constitution of lymphocyte in patients with weight loss-related amenorrhea
Folliculo Stellate Cell	11		Khongorzul Batchuluun	Jichi Medical University	Characterization of T-cadherin, a novel proliferation-associate protein, in the rat anterior pituitary gland
	12		Rita Maliza	Jichi Medical University	Retinoic acid stimulates expression of midkine in the anterior pituitary gland of rat
	13		Ken Fujiwara	Jichi Medical University	Identification of bone morphogenetic protein 6-expressing cells in the anterior pituitary gland of adult rats
GnRH/ Kisspeptin	14		Tomomi Hara	Shimane University	Expression of GnRH and kisspeptin in primary cultures of fetal rat brain
	15		Aki Oride	Shimane University	Mutual regulation by GnRH and kisspeptin of their receptor expression and its impact on the gene expression of gonadotropin subunits
	16		Kei Horihata	Nagoya University	Establishment of rat kisspeptin neuronal cell lines
	17		Ryoki Tatebayashi	Nagoya University	Modification of KISS1 gene in goat embryonic fibroblasts using TALEN
	18		Riho Ozaki	Nagoya University	Establishment of immortalized cell lines derived from cattle GnRH neurons
	19		Kana Ikegami	Nagoya University	Cell-to-cell communication via gap junctions may play a role in gonadotropin-releasing hormone pulse generation
	20		Mitsumori Kawaminami	Kitasato University	Gonadotropin releasing hormone (GnRH) stimulation of annexin A5 and insulin mRNA expression in islet of Langerhans
PRL/GH	21		Kazuki Minami	University of Toyama	Involvement of somatolactin- α and - β in regulation of pigmentation in goldfish
	22		Lihui Lai	Meiji University	Isolation and structural characterization of glycosylated mouse prolactin
	23		Kazunori Morohoshi	Meiji University	Vasoinhibins increase TNF- α and IL-6 mRNA expression in human cardiac fibroblasts
	24		Ryo Mochinaga	Meiji University	The analysis of binding capacity between vasoinhibin and integrin
HPA axis	25		Kanta Mizusawa	Kitasato University	Morphological color change in koi carp during background color adaptation
	26		Mitsuru Nishiyama	Kochi Medical School	Loss of Hypothalamic-Pituitary-Adrenal Axis Improves Obese Phenotype in Leptin-Deficient ob/ob Mice
	27		Takeo Awaji	Saitama Medical University	Development of novel brain aging model using intermittent hypoxia treatment
	28		Noriko Ishigame	Hirosaki University	Possible stimulatory effects of pyroglutamylated RFamide peptide (QRFP) on the hypothalamic-pituitary-adrenal axis: regulation of corticotropin-releasing factor gene by QRFP in rat hypothalamic cells
	29		Yuka Inagaki	University of Toyama	Functional characterization of Vasotocin V2a-type receptor knockout Medaka generated by transcription activator-like effector nucleases (TALENs) technology
	30		Yuko Asari	Hirosaki University	Inhibitory effects of a selective Jak2 inhibitor on adrenocorticotrophic hormone production and proliferation of corticotroph tumor AtT-20 cells
Placenta	31		Shingo Suzuki	Shimane University	Regulation of kisspeptin and gonadotropin-releasing hormone expression in rat placenta: Study using primary cultures of rat placental cells
	32		Rihito Kinami	Tokai University	Analysis of TrkB and PD1/PDL1 expression in Common Marmoset placenta
	33		Yusuke Ohno	Tokai University	Humanized mouse as a model of human pregnant immunity
	34		Hirofumi Kashiwagi	Tokai University	Comparison of pregnancy associated proteins -PZP, A2ML1, PSG-expression in human and Common marmoset
	35		Takeshi Okabayashi	Gunma University	Secretion of free activin A from human amniotic epithelial cells
	36		Yuko Haida	Tokai University	Analysis of TrkB isoform expression in the placental tissue of fetal growth restriction
Clinical Report	37		Yuki Nakada	Hirosaki University	Diagnostic development of growth hormone-releasing peptide-2 test in thyrotropin-producing pituitary adenomas
	38		Atsushi Yasuda	Tokai University	Successful somatostatin analog therapy in a case of TSH and GH secreting pituitary adenoma
	39		Takeshi Kato	Tokushima University	Different circulating levels of monocyte chemoattractant protein-1 and interleukin-8 during the menopausal transition.
	40		Kazuhisa Maeda	Shikoku Medical Center	Prader-Willi syndrome(PWS) diagnosed at 38 years old
	41		Akane Kondo	Shikoku Medical Center	Translocations involving X chromosome and an autosome related to Amenorrhea – a case report and review-