

## Program Poster Session

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- P-1** Characterization of antimicrobial resistance and class 1 integrons in *Escherichia coli* isolated from shrimp (*Litopenaeus vannamei*)  
Kanjana Changkaew
- P-2** Molecular characterization of multidrug-resistant *Mycobacterium tuberculosis* isolates from Nepal  
Ajay Poudel
- P-3** Role of NF-kappa B signal inhibitor A20 and ABIN-3 in regression of TDM-induced tuberculoid granuloma in mice  
Yusuke Sakai
- P-4** An analysis of hospital-based sentinel surveillance data on leptospirosis in Sri Lanka, 2005 - 2008  
Chandika D. Gamage
- P-5** Genotyping of *Ehrlichia ruminantium* by multiple-locus variable-number tandem-repeat analysis  
Ryo Nakao
- P-6** Whole genome next-generation sequencing reveals genome-wide nucleotide level polymorphisms in *Theileria parva*  
Kyoko Hayashida
- P-7** Population genetic analysis and sub-structuring of *Theileria parva* in the northern and eastern parts of Zambia  
Walter Muleya
- P-8** Development of a molecular diagnostic method for differentiation and quantification of *T. orientalis* Genotypes  
Joseph Kamau
- P-9** Molecular detection and sequence characterization of three novel piroplasm spp from wild felids in Kenya  
Naftaly Githaka
- P-10** Molecular epidemiological studies on Animal Trypanosomiasis in Ghana  
Jesca Nakayima
- P-11** Population genetic analysis of *Trypanosoma evansi* in the Sudan  
Bashir Salim
- P-12** Modeling Cutaneous Leishmaniasis Transmission in Costa Rica  
Luis Fernando Chaves
- P-13** Reaction of complement factors varies with prion strains in vitro and in vivo  
Rie Hasebe
- P-14** Prion-infected neurospheres as ex vivo models for investigation of prion-induced neurodegeneration  
Yukiko Sassa
- P-15** Surveillance of Marek's disease virus in migratory and sedentary birds in Hokkaido, Japan  
Shiro Murata
- P-16** The identification of the rodent reservoir of Montano virus, a novel hantavirus in Mexico  
Ngonda Saasa
- P-17** Development of immunochromatography strip-test for detecting of anti-hantavirus antibody in human and rat sera  
Takako Amada
- P-18** Cytotoxic T lymphocyte (CTL) responses to hantavirus in laboratory and wild rats  
Shumpei P. Yasuda
- P-19** Analysis of pulmonary edema in hantavirus-infected SCID mouse  
Takaaki Koma
- P-20** Development of the lethal animal model of human hantavirus infection  
Takahiro Seto

- P-21 Isolation of Hokkaido virus cultured cells derived from the kidney of gray red-backed vole (*Myodes rufocanus*)**  
Takahiro Sanada
- P-22 Role of hantavirus nucleocapsid protein in intracellular traffic of glycoproteins**  
Kenta Shimizu
- P-23 Construction and Characterization of Chimeric Virus between Tick-Borne Encephalitis Virus and Omsk Hemorrhagic Fever Virus**  
Kentaro Yoshii
- P-24 Steric shielding of host proteins by filovirus glycoproteins**  
Osamu Noyori
- P-25 Functional role of TIMP-1 after influenza A virus infection**  
Yosuke Nakayama
- P-26 An H5N1 highly pathogenic avian influenza virus that invaded Japan through waterfowl migration**  
Masahiro Kajihara
- P-27 Characterization of avian influenza viruses isolated from domestic ducks in Vietnam in 2009 and 2010**  
Naoki Nomura
- P-28 Comparison of potency of whole virus particle and ether split pandemic influenza vaccine prepared from A/swine/Hokkaido/2/1981 (H1N1)**  
Masatoshi Okamoto
- P-29 Potency of an inactivated avian influenza vaccine prepared from a non-pathogenic H5N1 virus against the challenge with an antigenically drifted highly pathogenic avian influenza virus of clade 2.3.4**  
Shintaro Shichinohe
- P-30 Rapid replication of H7 highly pathogenic avian influenza virus induces hyper expression of cytokine mRNA in chickens**  
Saya Kuribayashi
- P-31 Cross-reactivity of HA-specific antibodies induced by immunization with inactivated influenza viruses in mice**  
Mieko Muramatsu
- P-32 Cross-protective peptide vaccine against influenza A viruses developed in HLA-A\*2402 human immunity model**  
Toru Ichihashi
- P-33 Pathological examination of lung tissues in influenza A virus-infected aged mice**  
Nilton Akio Muto
- P-34 Study on in Born Disease Virus Glycoprotein**  
Yayoi Otsuka
- P-35 Detection of Polyomaviruses from Vervet monkey and Baboon in Zambia**  
Hiroki Yamaguchi
- P-36 Possible origin of CSF antibodies induced by intrathecal immunization and apply to rabies control in experimental animals**  
Yuji Sunden
- P-37 Chemokine improved anti-neurotropic virus immune response by attracting antibody secreting cells to the CNS**  
Hyunkyong Lee
- P-38 Characterization of protooncogene TCL1b as an Akt kinase co-activator**  
Manabu Hashimoto
- P-39 Molecular characterization of immunoinhibitory factors PD-1/PD-L1**  
Ryoyo Ikebuchi
- P-40 The role of non-receptor tyrosine kinase TYK2 in Toll-like receptor signaling**  
Makoto Kuroda