Poster Presentations List

Poster Number:

1. **The Role of MSWS Concerning The Improvement of Autopsy Rates of Prion Diseases**
   Shoken Aizawa, Mihara Memorial Hospital

2. **Prion Protein Immuunohistochemistry Using Automatic Immunostainer**
   Shinichi Aoyagi, Mihara Memorial Hospital

3. **Synthesis and evaluation of radioiodinated flavonoid-related compounds as SPECT probes for imaging cerebral prion deposits**
   Takeshi Fuchigami, Nagasaki University

4. **Thin-slice diffusion-weighted imaging and arterial spin labeling for the diagnosis of Creutzfeldt-Jakob disease**
   Koji Fujita, The University of Tokushima

5. **Detection specificity of salivary BSE PrP^{Sc} by PMCA**
   Shigeo Fukuda, Hokkaido Animal Research Center

6. **Serial magnetic resonance imaging changes in a patient in the early stages of sporadic Creutzfeldt-Jacob disease with valine homozygosity at codon 129 of *PRNP***
   Fumiko Furukawa, Tokyo Medical and Dental University

7. **A family of hereditary progressive dementia with five-octapeptide repeat insertion in prion protein gene : An unique case of genetic Creutzfeldt-Jakob disease**
   Shinsuke Hamada, Hokuyukai Neurological Hospital

8. **Comparison of dura mater graft-associated Creutzfeldt-Jakob disease between Japan and other countries**
   Tsuyoshi Hamaguchi, Kanazawa University

9. **Reaction of complement factors on scrapie-infected primary-cultured neurons temporarily increases permeability of plasma membrane**
   Rie Hasebe, Hokkaido University

10. **Clinicopathological findings of an autopsy case of MM2-thalamic-type sporadic Creutzfeldt-Jakob disease**
    Yuichi Hayashi, Gifu University

11. **Human prion diseases in Japan: a prospective surveillance from 1999**
    Masaki Hizume, Tokyo Medical and Dental University/ Saitama Prefecture Rehabilitation Center

12. **Analysis of microglial activation state in brains of prion-infected mice**
    Motohiro Horiuchi, Hokkaido University

13. **Neuropathological investigation of the olfactory bulb and olfactory tract in sporadic Creutzfeldt-Jakob disease**
    Yasushi Iwasaki, Aichi Medical University

14. **Identification and characterization of multispecific monoclonal antibody G2 directed against chicken prion protein**
    Yuji O. Kamatari, Gifu University

15. **Identification of the cryptic mitochondrial targeting sequence for PrP^{C}/mitochondria-dependent neuronal cell death**
    Hiroki Kato, Tokyo Medical University

16. **Establishment of transgenic mice expressing a human prion protein**
    Chi-Kyeong Kim, Korea Centers for Disease Control & Prevention

17. **Revision of Sporadic Creutzfeldt-Jakob Disease with MV2 prions**
    Atsushi Kobayashi, Tohoku University

18. **Mechanisms of anti-prion factors in yeast**
    Hiroshi Kurahashi, Tohoku University

19. **Type I IFN signal pathway of host innate immune response regulates prion infection**
    Daisuke Ishibashi, Nagasaki University

20. **The emergence of novel BSE prions by the serial transmission of H-type BSE in bovinized mice**
    Kentaro Masujin, National Institute of Animal Health

21. **Transmissible properties of field scrapie isolates to GT1-7 cells**
    Kohtaro Miyazawa, National Institute of Animal Health

22. **Linear epitopes on the surface of PrP^{res} of sporadic Creutzfeldt-Jakob disease**
    Masanori Morita, Japan Blood Products Organization

23. **FK506 reduces abnormal prion protein through the activation of autolysosomal degradation and prolongs survival in prion-infected mice**
    Takehiro Nakagaki, Nagasaki University

24. **Prions impair post-Golgi trafficking of membrane proteins**
    Suehiro Sakaguchi, The University of Tokushima

25. **Glycerol enhances the PrPres production via a PI3K signaling pathway in prion-infected neuroblastoma cells**
    Yuji Sakasegawa, Tohoku University

26. **Prospective surveillance data of human prion disease in Chugoku and Shikoku regions in Japan**
    Kota Sato, Okayama University

27. **Brain microglia were silent in fatal familial insomnia and G114V genetic CJD, but activated in sporadic CJD**
    Qi Shi, Chinese Center for Disease Control and Prevention

28. **PrP octarepeats region determined the interaction with caveolin-1 and phosphorylation of caveolin-1 and Fyn**
    Qi Shi, Chinese Center for Disease Control and Prevention

29. **Infection of prions and treatment of PrP106-126 downregulate the endogenous levels of protein 14-3-3 and trigger the mitochondrial apoptosis possibly via activating Bax pathway**
    Qi Shi, Chinese Center for Disease Control and Prevention

30. **Abundant intracellular and neuritic autophagic vacuoles in hippocampus of PrP-deficient mice**
    Hae-Young Shin, Hallym University

31. **TSE amplification between wild type mouse by *in vitro* conversion of prion protein**
    Hyun-Joo Sohn, Animal and Plant Quarantine Agency

32. **The mechanism of asymmetric distribution of prion proteins in the yeast cell**
    Genjiro Suzuki, RIKEN

33. **An autopsy case of familial Creutzfeldt-Jakob disease with M232R-129M/V**
    Mikiko Tada, Yokohama City University

34. **Mechanism underlying difference between transmissible prions and nontransmissible amyloids**
    Hideki Taguchi, Tokyo Institute of Technology

35. **A family and patient guidebook about genetic testing of prion disease**
    Chieko Tamura, Kiba Park Clinic / Juntendo University Hospital

36. **Structural basis for conformational plasticity of yeast prion amyloid**
    Motomasa Tanaka, RIKEN

37. **Comparative analysis of gene expression profiles between cortex and thalamus in Chinese fatal familial insomnia patients**
    Chan Tian, Chinese Center for Disease Control and Prevention

38. **SIRT1 activity is associated with cellular PrP^{Sc} level in scrapie agent 263K-infected hamster and SMB.s15 cells**
    Jing Wang, Chinese Center for Disease Control and Prevention

39. **Nearly reversible conformational change of H2 amyloid fibrils as revealed by pH-jump experiments**
    Kei-ichi Yamaguchi, Gifu University

40. **A cation exchanger specifically enhances cell-protein misfolding cyclic amplification of variant Creutzfeldt-Jakob disease prion despite its weaker adsorbing ability**
    Takashi Yokoyama, Japan Blood Products Organization

41. **Defining Korean Creutzfeldt-Jakob disease strains and their transmissible properties**
    Yun-Jung Lee, Hallym University

42. **Quantitative analysis of seeding activity in human prion disease materials using end-point RT-QUIC**
    Hanae Takatsuki, Nagasaki University

43. **Transient PrP^{Sc} propagation in dead cells**
    Kenichi Takahashi, Gifu University

44. **The role of Aldolase A in transcytosis of PrP^{Sc} by intestinal M cells**
    Yuya Nagasawa, Tohoku University

45. **Analysis of Interferon Regulatory Factor-3 (IRF-3) Promoter: Implications for Prion Infection**
    Takujiro Homma, Nagasaki University

46. **p62/SQSTM1 promotes the sequestration and clearance of pathogenic prion protein**
    Takujiro Homma, Nagasaki University

47. **New method for discovery of novel anti-prion compounds: Intermediate structure-based drug design (IBDD)**
    Biao Ma, Gifu University

48. **Possible involvement of a novel mitochondrial quality control system for the PrP^{C}-dependent neuronal cell death**
    Kana Miyashita, Tokyo Medical University

49. **Experimental transmission of AA amyloidosis in vaccinated white hens**
    Tomoaki Murakami, Gifu University

50. **The effect of metal ions on the structural stability of prion protein**
    Kaori Ubagai, Nagasaki University