



## SCIENTIFIC PAPERS

### SEAC/SCI/APR 05/1

Aguzzi A, Sigurdson CJ. Antiprion immunotherapy: to suppress or to stimulate? *Nat Rev Immunol*. 2004; **4**(9):725-36.

### SEAC/SCI/APR 05/2

Alexander BM, Stobart RH *et al*. The incidence of genotypes at codon 171 of the protein gene (PRNP) in five breeds of sheep and production traits of ewes associated with those genotypes. *J Anim Sci*. 2005; **83**: 455-459

### SEAC/SCI/APR 05/3

Bainbridge J, Walker KB. The normal cellular form of prion protein modulates T cell responses. *Immunol Lett*. 2005; **96**(1):147-50.

### SEAC/SCI/APR 05/4

Bellworthy S J, Hawkins S A C *et al*. Tissue distribution of bovine spongiform encephalopathy infectivity in Romney sheep up to the onset of clinical disease after oral challenge. *Vet Rec* 2005; **156**: 197-202.

### SEAC/SCI/APR 05/5

Bosschere H De, Roels S *et al*. Scrapie case similar to Nor98 diagnosed in Belgium via active surveillance. *Vet Rec*. 2004; **155**: 707-8

### SEAC/SCI/APR 05/6

Brown P, Cervenakova L. The modern landscape of transfusion-related iatrogenic Creutzfeldt-Jakob disease and blood screening tests. *Curr Opin Hematol*. 2004;**11**(5):351-6. Review.

**SEAC/SCI/APR 05/7**

Brown SA, Merritt K *et al.* Effects on Instruments of the World Health Organization-Recommended Protocols for Decontamination after Possible Exposure to Transmissible Spongiform Encephalopathy-Contaminated Tissue. *J Biomed Mater Res B Appl Biomater.* 2005; **72**(1):186-90.

**SEAC/SCI/APR 05/8**

Browning SR, Mason GL *et al.* Transmission of Prions from Mule Deer and Elk with Chronic Wasting Disease to Transgenic Mice Expressing Cervid PrP. *J Virol.* 2004; **78**: 13345-50.

**SEAC/SCI/APR 05/9**

Campbell S, Warner M *et al.* CJD- a case of mistaken identity. *Lancet* 2004; **364**: 2068

**SEAC/SCI/APR 05/10**

Conner MM, Miller MW. Movement patterns and spatial epidemiology of a prion disease in Mule Deer population Units. *Ecol Soc Amer.* 2004; **14** (6):1870-81

**SEAC/SCI/APR 05/11**

Cunningham C, Deacon RMJ *et al.* Neuropathologically distinct prion strains give rise to similar temporal profiles of behavioural deficits. *Neurobiol Dis.* 2005; **18**(2):258-69.

**SEAC/SCI/APR 05/12**

Doran M, Larner AJ. EEG findings in dementia with Lewy bodies causing diagnostic confusion with sporadic Creutzfeldt-Jakob disease. *Eur J Neurol.* 2004; **11**: 838-41

**SEAC/SCI/APR 05/13**

Ebringer A, Rashid T *et al.* A possible link with multiple sclerosis and Creutzfeldt-Jakob disease based on clinical, genetic, pathological and immunological evidence involving *Acinetobacter* bacteria. *Med Hypotheses.* 2005; **64**(3):487-94.

**SEAC/SCI/APR 05/14**

Engelstein R, Grigoriadis N *et al.* Inhibition of P53-related apoptosis had no effect on PrPsc accumulation and prion disease incubation time. *Neurobiol Dis.* 2005; **8**: 282-5

**SEAC/SCI/APR 05/15**

Fioriti L, Quaglio E *et al.* The neurotoxicity of prion protein (PrP) peptide 106-126 is independent of the expression level of PrP and is not mediated by abnormal PrP species. *Mol Cell Neurosci* 2005; **28**: 165-76

**SEAC/SCI/APR 05/16**

Georgieva D, Rypniewski W *et al.* Synthetic human prion protein octapeptide repeat binds to the proteinase K active site. *Biochem Biophys Res Communi.* 2004; **325**: 1406-11

**SEAC/SCI/APR 05/17**

Glatzel M, Giger O *et al.* The Peripheral Nervous System and the Pathogenesis of Prion Diseases. *Curr Mol Med.* 2004; **4**: 355-59

**SEAC/SCI/APR 05/18**

Haïk S, Brandel JP *et al.* Compassionate use of quinacrine in Creutzfeldt-Jakob disease fails to show significant effects. *Neurology* 2004; **63**: 2413-5

**SEAC/SCI/APR 05/19**

Hamir AN, Kunkle R A *et al.* Experimental transmission of sheep scrapie by intracerebral and oral routes to genetically susceptible Suffolk sheep in the United States. *J Vet Diagn Invest* 2005; **17**: 3-9

**SEAC/SCI/APR 05/20**

Hornemann S, Schorn C *et al.* NMR structure of the bovine prion protein isolated from healthy calf brains. *EMBO reports.* 2004; **5**: 1159-64

**SEAC/SCI/APR 05/21**

Kim JI, Wang C *et al.* Simple and specific detection of abnormal prion protein by a magnetic bead-based immunoassay coupled with laser-induced fluorescence spectrofluorometry. *J Neuroimmunol.* 2005; **158**(1-2):112-9.

**SEAC/SCI/APR 05/22**

Kim SH, Huang TS et al. Production of Monoclonal Antibody for the Detection of Meat and Bone Meal in Animal Feed. *J Agric Food Chem* 2004; **52**: 7580-5

**SEAC/SCI/APR 05/23**

Klug G, Lewis VL et al. Creutzfeldt-Jakob disease surveillance in Australia January 1970 to December 2003. *Commun Dis Intell.* 2004; **28**; 356-8

**SEAC/SCI/APR 05/24**

Kobayshi A, Satoh S et al. Type 1 and Type 2 human PrPsc have different aggregation sizes, in methionine homozygotes with sporadic, iatrogenic and variant Creutzfeldt-Jakob disease. *J Gen Virol.* 2005; **86**: 237-40

**SEAC/SCI/APR 05/25**

Koolmees P A, Tersteeg MHG et al. Comparative Histological Studies of Mechanically Versus Manually Processed Sheep Intestines Used To Make Natural Sausage Casings. *J Food Prot.* 2004; **67**(12):2747-55.

**SEAC/SCI/APR 05/26**

Kovács G, Preusser M et al. Subcellular Localization of Disease-Associated Prion Protein in the Human Brain. *Am J Pathol.* 2005; **166**(1):287-94.

**SEAC/SCI/APR 05/27**

Leffers K W, Schell J. The Structural Transition of the Prion Protein into its Pathogenic Confirmation is Induced by Unmasking Hydrophobic Sites. *J Mol Biol* 2004; **344**: 839-3

**SEAC/SCI/APR 05/28**

Linsell L, Cousens S N et al. A case-control study of sporadic Creutzfeldt-Jakob disease in the United Kingdom. *Neurology.* 2004; **63**: 2077-83

**SEAC/SCI/APR 05/29**

Lu Z Y, Baker C A et al. New Molecular Markers of Early and Progressive CJD Brain Infection. *J Cell Biochem.* 2004; **93**: 644-52

**SEAC/SCI/APR 05/30**

Mabbott N A. The complement system in prion diseases. *Curr opin Immunol.* 2004; **16**: 587-93

**SEAC/SCI/APR 05/31**

Mallucci G, Collinge J. Rational Targeting for Prion Therapeutics. *Nat Rev Neurosci.* 2005; **6**(1):23-34.

**SEAC/SCI/APR 05/32**

Mangé A, Crozet C *et al.* Scrapie-like prion protein is translocated to the nuclei of infected cells independently of proteasome inhibition and interacts with chromatin. *J Cell Sci.* 2004; **117**: 2411-6

**SEAC/SCI/APR 05/33**

Mohan J, Bruce M E *et al.* Follicular dendritic cell dedifferentiation reduces scrapie susceptibility following inoculation via the skin. *Immunology.* 2005; **114**: 225-34

**SEAC/SCI/APR 05/34**

Mohan J, Bruce M E *et al.* Neuroinvasion by Scrapie following Inoculation via the Skin Is Independent of Migratory Langerhans Cells. *J Virol.* 2005; **79**:1888-97

**SEAC/SCI/APR 05/35**

Nishida Y, Sodeyama N *et al.* Creutzfeldt-Jakob disease with a novel insertion and codon 219 Lys /Lys polymorphism in PRNP. *Neurology.* 2004; **63**: 1978-9

**SEAC/SCI/APR 05/36**

Norfolk D R, Glaser A *et al.* Americans fresh frozen plasma for neonates and children. *Arch Dis Child.* 2005; **90**:89-90

**SEAC/SCI/APR 05/37**

Pan T, Li R *et al.* Biochemical fingerprints of prion diseases: scrapie prion protein in human prion diseases that share prion genotype and type. *J Neurochem.* 2005; **92**: 132-42

**SEAC/SCI/APR 05/38**

Pauri F, Amabile G *et al.* Sporadic Creutzfeldt-Jakob disease without dementia at onset: clinical features, laboratory tests and sequential diffusion MRI (in an autopsy-proven case). *Neurol Sci.* 2004; **25**: 234-7

**SEAC/SCI/APR 05/39**

Sasaki K, Doh-ura K *et al.* Fatal familial insomnia with an unusual prion protein deposition pattern: an autopsy report with an experimental transmission study. *Neuropathol Appl Neurobiol.* 2005 Feb;**31**(1):80-7.

**SEAC/SCI/APR 05/40**

Satoh K, Shirabe S *et al.* Toxicity of Quinacrine Can be Reduced By Co-Administration of P-Glycoprotein Inhibitor in Sporadic Creutzfeldt-Jakob Disease. *Cell Mol Neurobiol.* 2004; **24**: 873-5

**SEAC/SCI/APR 05/41**

See SJ, Pan A *et al.* Case Reports of Two Biopsy-proven Patients with Creutzfeldt-Jakob Disease in Singapore. *Ann Acad Med Singapore.* 2004; **33**(5):651-5.

**SEAC/SCI/APR 05/42**

Steinacker P, Schwarz P *et al.* Unchanged Survival Rates of 14-3-3 $\gamma$  Knockout Mice after Inoculation with Pathological Prion Protein. *Mol Cell Biol.* 2005; **25**:1339-46

**SEAC/SCI/APR 05/43**

Thuring C M A, van Keulen L J M *et al.* Immunohistochemical Distinction between Preclinical Bovine Spongiform Encephalopathy and Scrapie Infection in Sheep. *J Comp Path.* 2005; **132**: 59-69

**SEAC/SCI/APR 05/44**

Townsend S J, Warner R *et al.* PrP genotypes of rare breeds of sheep in Great Britain. *Vet Rec.* 2005; **156**: 131-4

**SEAC/SCI/APR 05/45**

Wells GAH, Spiropoulos J *et al.* Pathogenesis of experimental bovine spongiform encephalopathy : preclinical infectivity in tonsil and observations on the distribution of lingual tonsil in slaughtered cattle. *Vet Rec.* 2005; **156**: 401-7

**SEAC/SCI/APR 05/46**

Wood K E, Bryan D O *et al.* Care of the Potential Organ Donor. *N Engl J Med.* 2004; ;**351**(26):2730-9.

**SEAC/SCI/APR 05/47**

Yakovleva O, Janiak A *et al.* Effects of protease treatment on plasma infectivity in variant Creutzfeldt-Jakob disease mice. *Transfusion.* 2004; **44**: 1700-5

**SEAC/SCI/APR 05/48**

Yuan J, Kinter M *et al.* Concealment of epitope by reduction and alkylation in prion protein. *Biochem Biophys Res Commun.* 2005; **326**(3):652-9.