



## SCIENTIFIC PAPERS

1. Aguzzi A. Prion Biology: the Quest for the Test. *Nature methods* 2007; **4** (8): 614-616
2. Arsac JN, Biacabe AG, Nicollo J *et al.* Biochemical identification of bovine spongiform encephalopathies in cattle. *Acta Neuropathol* (Berl). 2007 Nov;**114**(5):509-16.
3. Baron T, Biacabe AG, Arsac JN *et al.* Atypical Transmissible Spongiform Encephalopathies (Tses) in Ruminants *Vaccine* 2007;**25** (30): 5625-5630
4. Bilheude JM, Brun A, Morel N *et al.* Discrimination of Sheep Susceptible and Resistant to Transmissible Spongiform Encephalopathies by an Haplotype Specific Monoclonal Antibody. *J Virol Methods.* 2007; Nov; **145**(2): 169-72.
5. Boxer AL, Rabinovici GD, Kepe V *et al.* Amyloid Imaging in Distinguishing Atypical Prion Disease From Alzheimer Disease. *Neurology* 2007; **69** (3): 283-290
6. Clarke P, Will Robert G, and Ghani A. Is There the Potential for an Epidemic of Variant Creutzfeldt-Jakob Disease Via Blood Transfusion in the Uk? *Journal of the Royal Society* 2007; **4** (15): 675-84
7. Di Fede G, Giaccone G, Limido L *et al.* The Epsilon Isoform of 14-3-3 Protein Is a Component of the Prion Protein Amyloid Deposits of Gerstmann-Straussler-Scheinker Disease. *J Neuropathol Exp Neurol* 2007;**66** (2):124-130
8. Dlakic WM, Grigg E and Bessen RA. Prion infection of muscle cells in vitro. *J Virol.* 2007 May;**81**(9):4615-24.
9. Doherr MG. Brief Review on the Epidemiology of Transmissible Spongiform Encephalopathies (Tse). *Vaccine* 2007;**25** (30): 5619-5624

10. Gale P. The prion/lipid hypothesis – further evidence to support the molecular basis for transmissible spongiform encephalopathy risk assessment. *J Appl Microbiol.* 2007; 1-13. Review.
11. Harrison CF, Barnham KJ and Hill AF. Neurotoxic species in prion disease: a role for PrP isoforms? *J Neurochem.* 2007 Oct 17; [Epub ahead of print]
12. Jeffrey M and Gonzalez L Classical Sheep Transmissible Spongiform Encephalopathies: Pathogenesis, Pathological Phenotypes and Clinical Disease. *Neuropathol Appl Neurobiol* 2007; **33** (4): 373
13. Jones M, Peden AH, Prowse CV *et al.* In Vitro Amplification and Detection of Variant Creutzfeldt-Jakob Disease Prp(Sc). *Journal of pathology* 2007;**213** (1): 21-26
14. Kincaid AE and Bartz JC. The nasal cavity is a route for prion infection in hamsters. *J Virol.* 2007 May;**81**(9):4482-91.
15. Krebs B, Bader B, Klehmet J *et al.* A Novel Subtype of Creutzfeldt-Jakob Disease Characterized by a Small 6 Kda Prp Fragment. *Acta Neuropathologica* 2007; **114** (2): 195-199
16. Kurt TD, Perrott MR, Wilusz CJ *et al.* Efficient in vitro amplification of chronic wasting disease PrPRES. *J Virol.* 2007 Sep;**81**(17):9605-8.
17. Kuwata K, Nishida N, Matsumoto T *et al.* Hot Spots in Prion Protein for Pathogenic Conversion. *Proc Natl Acad Sci U S A.* 2007; **104** (29): 11921-11926
18. Lampo E, Van Poucke M, Hugot K *et al.* Characterization of the Genomic Region Containing the Shadow of Prion Protein (Sprn) Gene in Sheep. *BMC Genomics* 2007; **8**: 138
19. Lau AL, Yam AY, Michelitsch MMD *et al.* Characterization of Prion Protein (Prp)-Derived Peptides That Discriminate Full-Length Prpsc From Prpc. *Proc Natl Acad Sci U S A* 2007;**104** (28):11551-6
20. Li A. M, Piccardo P, Barmada SJ *et al.* Prion Protein With an Octapeptide Insertion Has Impaired Neuroprotective Activity in Transgenic Mice. *Embo Journal* 2007 **26**(11):2777-2785
21. Ligios C, Cancedda GM, Margalith I *et al.* Intraepithelial and interstitial deposition of pathological prion protein in kidneys of scrapie-affected sheep. *PLoS ONE.* 2007 Sep 12;**2**(9):e859.
22. Meade-White K, Race B, Trifilo M *et al.* Resistance to Chronic Wasting

- Disease in Transgenic Mice Expressing a Naturally Occurring Allelic Variant of Deer Prion Protein. *J Virol* 2007; **81** (9): 4533-4539
23. Michalczyk K and Ziman M. Current Concepts in Human Prion Protein (Prp) Misfolding, Prnp Gene Polymorphisms and Their Contribution to Creutzfeldt-Jakob Disease (Cjd). *Histol Histopathol* 2007;**22** (10): 1149-1159
  24. Moreno CR, Moazami-Goudarzi K, Laurent P *et al.* Which Prp Haplotypes in a French Sheep Population Are the Most Susceptible to Atypical Scrapie? *Archives of Virology* 2007;**152** (6): 1229-1232
  25. Nakamura HK, Takano M and Kuwata K. Modeling of a propagation mechanism of infectious prion protein; a hexamer as the minimum infectious unit. *Biochem Biophys Res Commun.* 2007 Sep 28;**361**(3):789-93.
  26. Noguchi-Shinohara M, Hamaguchi T, Kitamoto T *et al.* Clinical Features and Diagnosis of Dura Mater Graft Associated Creutzfeldt. *Neurology* 69 July 2007.
  27. Pan TAO, Jasmeet S, Craig N *et al.* Detection of Misfolded Prion Protein in Blood With Conformationally Sensitive Peptides. *Transfusion* 2007;**47** (8): 1418-25.
  28. Pappalardo M, Milardi D, Grasso D *et al.* Steered Molecular Dynamics Studies Reveal Different Unfolding Pathways of Prions From Mammalian and Non-Mammalian Species. *New Journal of Chemistry* 2007;**31** (6): 901-05
  29. Prattle DJ, Morris RS, Cannon RM *et al.* A Model (Bsurve) for Evaluating National Surveillance Programs for Bovine Spongiform Encephalopathy. *Prev Vet Med.* 2007 Oct 16; **81**(4): 225-35.
  30. Reckzeh C, Hoffmann C, Buschmann A *et al.* Rapid testing leads to the underestimation of the scrapie prevalence in an affected sheep and goat flock. *Vet Microbiol.* 2007 Aug 31;**123**(4):320-7. Epub 2007 Apr 8.
  31. Satoh K, Shirabe S, Tsujino A *et al.* Total tau protein in cerebrospinal fluid and diffusion-weighted MRI as an early diagnostic marker for Creutzfeldt-Jakob disease. *Dement Geriatr Cogn Disord.* 2007;**24**(3):207-12.
  32. Simoneau S, Rezaei H, Sales N *et al.* In vitro and in vivo neurotoxicity of prion protein oligomers. *PLoS Pathog.* 2007 Aug 31;**3**(8):e125.

33. Siso S, Doherr M, Botteron, C *et al.* Neuropathological and Molecular Comparison Between Clinical and Asymptomatic Bovine Spongiform Encephalopathy Cases *Acta Neuropathologica* 2007 Sep 4 e-print only.
34. Spiropoulos J, Casalone C, Caramelli M *et al.* Immunohistochemistry for PrP<sup>Sc</sup> in natural scrapie reveals patterns which are associated with the PrP genotype. *Neuropathol Appl Neurobiol.* 2007 Aug;**33**(4):398-409.
35. Vascellari M, Nonno R, Mutinelli F *et al.* Prpsc in Salivary Glands of Scrapie-Affected Sheep. *J Virol.* 2007 ; **81**(9) : 4872-4876.
36. Wadsworth JD and Collinge J. Update on human prion disease. *Biochim Biophys Acta.* 2007 Jun;**1772**(6):598-609.
37. Watts JC, Drisaldi B, Ng V *et al.* The CNS glycoprotein Shadoo has PrP(C)-like protective properties and displays reduced levels in prion infections. *EMBO J.* 2007 Sep 5;**26**(17):4038-50.