

Publications and presentations

Publications

Kneipp, J., L. Miller, M., S. Spassov, F. Sokolowski, P. Lasch, M. Beekes and D. Naumann (2004). "Prion structure investigated in situ, ex vivo, and in vitro by FTIR spectroscopy." Proc. SPIE 5321: 17-25.

Kneipp, J., L. Miller, S. Spassov, F. Sokolowski, P. Lasch, M. Beekes and D. Naumann (2004). "Scrapie-infected cells, isolated prions, and recombinant prion protein: a comparative study." Biopolymers 74: 163-167.

Thomzig, A.*, S. Spassov*, M. Friedrich, D. Naumann and M. Beekes (2004). "Discriminating scrapie and BSE isolates by infrared spectroscopy of pathological prion protein" J. Biol. Chem. 279: 33847-33854.

* Both authors contributed equally to this work.

S. Spassov, M. Beekes and D. Naumann (2005) "Structural differences between TSEs strains investigated by FT-IR spectroscopy" (accepted paper, 15.02.2006; BBAGEN-26097)

Poster

S. Spassov, M. Beekes and D. Naumann "The FT-IR spectra of abnormal prion protein from different TSEs strains show distinct secondary structure" 10th European Conference on the Spectroscopy of Biological Molecules, 2003, Szeged Hungary.

