

## LIST OF ABBREVIATIONS

AB	antibody
BfR	Bundesinstitut für Risikobewertung, Berlin, Germany
BNL	Brookhaven National Laboratory, Upton, NY
BSA	bovine serum albumine
BSE	bovine spongiform encephalopathy (“mad cow disease”)
cc	central canal
CJD	Creutzfeldt-Jacob disease
CMGC	celiac mesenteric ganglion complex
CNS	central nervous system
CPE	cytopathic effect
CWD	chronic wasting disease
DAB	3,3'-diaminobenzidine (dye used in immunohistochemical staining procedures)
DMNV	dorsal motor nucleus of the vagus nerve
dpi	days post infection
DRG	dorsal root ganglia
ecm	extracellular matrix
ER	endoplasmic reticulum
FCS	fetal calf serum
FFI	fatal familial insomnia
FPA	focal plane array
FSE	fast Fourier Transform
FTIRM	Fourier Transform Infrared Microspectroscopy
GFAP	glial fibrillar acidic protein
GSSS	Gerstmann-Straeussler-Scheinker syndrome
HÄ	Hirn Äquivalent (engl.: brain equivalent)
HypN	nucleus nervi hypoglossi
mAb	monoclonal antibody
MCT	mercury-cadmium-telluride (detector material)
NMR	nuclear magnetic resonance
NSLS	National Synchrotron Light Source, BNL
PBS	phosphate buffered saline

## List of Abbreviations

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PFU	plaque forming units
PK	proteinase K
PMCA	protein misfolding cyclic amplification
PMD	protein misfolding diseases
PNS	peripheral nervous system
PrP <sup>C</sup>	cellular prion protein
PrP <sup>Sc</sup>	misfolded prion protein
PVDF	polyvinylidene fluoride (used in Western Blot analysis)
RKI	Robert Koch-Institute
RPMI	cell culture medium (developed at Roswell Park Memorial Institute)
SolN	nucleus of the nervus tractus solitarius
TBS	tris-buffered saline (used in Western Blot analysis)
TBST	tris-buffered saline tween20 (used in Western Blot analysis)
vCJD	new variant CJD
XRF	X-Ray Fluorescence