

TIMING OF DEFRA-FUNDED RESEARCH TO INVESTIGATE ATYPICAL SCRAPIE

	Experiment start date ¹	Status in April 2006	Results expected/delivered	Project end date
TRANSMISSION TO SHEEP (SE1847)				
Intracerebral challenges	Sheep challenged Nov 2004–Feb 2005 and Jan 2006	Challenges completed	2006 onwards	2011
Oral challenges	Sheep to be challenged in Jul 2006	Planned	2008 onwards	2011
TRANSMISSION TO MICE (SE1850)				
To C57BL/6 and VM mice	Mice challenged July - Dec 2005	In progress	Late 2006 onwards	Oct 2007
To transgenic lines carrying <ul style="list-style-type: none"> • sheep VRQ (tg338) • sheep ARQ (TgShpXI) 	Mice challenged July - Dec 2005	In progress	Early 2006 onwards	Oct 2007
To transgenic lines carrying human or bovine PrP (SE1439)		In discussion with contractors	Late 2008 onwards	
BIOCHEMICAL STUDIES (SE1789)				
PrP PK digestion kinetics, Western Blots	Jan 2006	In progress	May - Sep 2006	Jul 2007
PrP fragment characterisation	Sep 2006	Planned	Feb 2007	Jul 2007
MOLECULAR GENETICS (SE0240)				
PRNP DNA sequence analysis – ORF, 5'promoter region, 3'UTR	Jan 2005	Sequencing completed; data analysis in progress	Apr 2005 onwards	Mar 2006
EPIDEMIOLOGICAL STUDIES				
Estimation of prevalence of infection from all data sources (part of SE0243)	Nov 2005	In progress	Sep 2006 (initial analysis) Sep 2007 (extended analysis)	Sep 2007
Investigations on the flocks of origin/case control study (VLA and Defra's Sheep TSEs Policy Group)	Approved by the Chief Veterinary Officer	In progress	Feb 2007 (initial analysis) Feb 2009 (extended analysis)	Mar 2009

¹ It should be noted that the timing and extent of many projects was often limited by the availability of material.

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	Experiment start date	Status in April 2006	Results expected/delivered	Project end date
RELATIVE HUMAN RISK				
A number of proposals are being considered for funding	(Subject to approval) Sept 2006	Undergoing appraisal	2008 onwards	
PATHOGENESIS				
Pathogenesis studies and/or generation of tissues for such studies	(Subject to approval) Autumn 2006	Call for proposals to be issued July 2006 or before		
DIAGNOSTICS				
M03038: Development of a rapid, high throughput, pre-clinical test (may include atypical scrapie, subject to availability)	Oct 2005	In progress	2006 onwards	Sept 2008
Further diagnostic work, with particular focus on identifying the infective agent	(Subject to approval) Autumn 2006	Call for proposals to be issued July 2006 or before		