

RA#	Notification	Title	Attachments	Staff	CL	PI	Comments
1990/01		An examination of the in vivo behaviour of immortalized mouse glial progenitor cells following transplantation into areas of primary demyelination in rats		WF Blakemore, AJ Crang	Lab Level 1	WFB	
1992/01	GM407	Inoculation of mice with EHV-1 deletion mutants		AR Awan	Animal Level 2	HJF	
1993/01		The infection of rodent glial cells and fibroblasts with the BAG and DAP retroviruses and the subsequent transplantation of transfected cells into normal and lesioned regions of the rodent CNS in vivo		WF Blakemore, AJ Crang	Lab Level 1	WFB	
1993/02		Transfection of 3T3 cells to produce EHV-1 gB and gD glycoproteins		AR Awan	Lab Level 1	HJF	
1994/02		Use of a DNA probe specific to the rat Y chromosome as a means of detecting male rat cells by in situ hybridisation		WF Blakemore	Lab Level 1	WFB	
1994/04		Molecular genetic analysis of PRA		DR Sargan, D Gould, M Squire	Lab Level	DRS	
1994/05		Maedi Visna Virus LTR Function		DR Sargan.	Lab Level	DRS	
1995/01	GM407	Investigation and characterisation of substitution mutants of EHV-1 in vivo and in vitro.		AR Awan	Lab Level 2	HJF	
1995/02		Use of EHV-1 BamH1 fragments as DNA probes to study the latency associated transcripts by in situ hybridisation in various tissues of mice and horse		AR Awan	Lab Level 1	HJF	
1995/03		Transplantation of glial cell lines ONEC and O-2A into demyelinating lesions prepared in adult rat spinal cord.		RJM Franklin, AJ Crang, J Gilson	Lab Level 1	WFB	
1995/05	GM407/95/	Growth factor delivery to the CNS using Adenoviral vectors		RJM Franklin	Lab Level	RJME	
1995/06		Intracerebral tyrosine hydroxylase delivery by an Adenoviral vector in a primate model of Parkinson's disease		L Annett	Lab Level 2	LA	
1995/07		Transfection of DNA into eukaryotic cells			Lab Level	RJE	
1995/08		Screening of cDNA libraries in eukaryotic cells			Lab Level	RJE	
1995/09.1		Making cloned gene products of MVV in E. coli K-12		BA Blacklaws, CX Wu, S Chen	Lab Level	BAB	
1995/09.2		Making cloned gene products of MVV in E. coli		BA Blacklaws, CX Wu, S Chen	Lab Level	BAB	
1995/09.3		Cloning MVV genes into vaccinia virus transfer plasmids		BA Blacklaws, CX Wu, S Chen	Lab Level	BAB	
1995/09.4	GM407/95/	Expression of MVV genes in vaccinia virus		BA Blacklaws, CX Wu, S Chen	Lab Level 2	BAB	
1995/09.5		Expression in bacterial pGEX vector		BA Blacklaws, CX Wu, S Chen	Lab Level	BAB	
1995/10.1		Retrovirus mediated gene transfer to the retina - Production of BAG retrovirus		DR Sargan	Lab Level 1	DRS	
1995/10.2		Retrovirus mediated gene transfer to the retina - Infection of retinal cells in vitro by BAG retrovirus		DR Sargan	Lab Level 1	DRS	
1995/10.3		Retrovirus mediated gene transfer to the retina - Infection of retinæ		DR Sargan	Lab Level 1	DRS	
1995/11.1	GM407/95/	Herpes virus vectors in retinal cells - BE8		DR Sargan	Lab Level	DRS	
1995/11.2		Herpes virus vectors in retinal cells - VP16- ScgH-		DR Sargan	Level 2	DRS	
1995/12		DAF Transgenic pigs		Dr AJ Crang P Smith Ms D Loser Ms J Gilson	Lab Level	WFB	
1996/01		Expression of meadi visna virus proteins in yeast		BA Blacklaws, L Tiley, DR Sargan	Lab Level 1	BAB LST DRS	
1996/02		Expression of sheep cytokines in yeast		BA Blacklaws, L Tiley, DR Sargan, s Chan	Lab Level 1	BAB LST DRS	
1996/03		Expression of meadi visna virus proteins in baculoviruses		BA Blacklaws, L Tiley, DR Sargan, CX Wu, S Chan	Lab Level 1	BAB LST DRS	
1996/04		Transgenic gene knock-out mice		R Bujdoso	Lab Level	RB	
1996/04.1	See note						New RA submitted
1996/04.2	See note						New RA submitted
1996/05		Transgenic rats		R Bujdoso	Lab Level	LB	
1996/06		Human cDNA probes for type VI collagen			Lab Level	LB	
1996/07		Horse cDNA probes for IGF-2			Lab Level	LB	

1996/08		Cloning canine fucosidase genes. i. Plasmid-based cloning			DR Sargan	Lab Level	DRS	
1996/09		Cloning canine fucosidase genes. ii. Lambda clones			DR Sargan	Lab Level	DRS	
1996/10	See note							New RA submitted
1996/11.1		Expression of MVV/Human IgG Fc fusion protein using the Semliki Forest Virus Expression system - Part 1			LS Tiley	Lab Level 1	LST	
1996/11.2	GM407/97/1	Expression of MVV/Human IgG Fc fusion protein using the Semliki Forest Virus Expression system - Part 2			LS Tiley	Lab Level 2	LST	
1996/12		Creation of cell lines that express IL2 receptor alpha chain (TAC 2A) under the inducible control of the Maedi visna virus Rev protein			LS Tiley	Lab Level 1	LST	
1996/13		HSV-1 infection and chemotherapy in a murine model			AR Awan, HJ Field, A Thackery, P Calvi	Lab Level	HJF	
1996/14	GM407	Construction of modified Equine Herpesvirus Type-1 genomes: Tools for the investigation of pathogenesis and latency			J Slater, H Field, A Thackray, AR Awan	Lab Level 2	HJF	
1996/15	GM407	Equine herpesvirus type-1: Cell tropism, latency and reactivation in the horse			J Slater, H Field, A Thackray, AR Awan	Lab Level 2	HJF	
1996/16	GM407/95/5	Expression and purification of influenza virus RNA polymerase using recombinant vaccinia virus vectors			L Tiley, Mike Lee	Lab Level 2 Animal Level 1	LST	
1997/01	GM407/97/1	Cloning of Proteus mirabilis genes			Pablo Zunino, Andrew Allen	Lab Level	DJM	
1997/02	GM407/97/1	Mutagenesis of uropathogenic Proteus mirabilis			Pablo Zunino, Andrew Allen	Lab Level	DJM	
1997/03	GM407/97/2	Expression of Proteus mirabilis fimbrial and flagellar genes in E. coli and vaccine strains of S. typhimurium			Pablo Zunino, Andrew Allen	Lab Level 2	DJM	
1997/04	GM407/97/2	Transposon mutagenesis of Streptococcus suis using			Andrew Allen	Lab Level	DJM	
1997/05	GM407/97/2	Mutagenesis of Streptococcus suis virulence genes, including capsule biosynthesis genes			Andrew Allen	Lab Level 2	DJM	
1997/06	GM407/97/2	Cloning of capsule biosynthesis genes from Streptococcus suis and generation of disrupted constructs for allelic exchange experiments.			Andrew Allen	Lab Level 2	DJM	
1997/07	GM407/97/2	Investigation of the metabolic blocks that prevent Bordetella pertussis from growing on L agar.			Andrew Allen, R Thomas	Lab Level 2	DJM	
1997/08	GM407/97/2	Complementation of B. paraptussis defective in LPS band A biosynthesis using cosmids from B. bronchiseptica			Andrew Allen, R Thomas	Lab Level 2	DJM	
1997/09	GM407/97/2	Expression of Bordetella genes for LPS biosynthesis in E. coli and Salmonella typhimurium.			Andrew Allen, T Isobe	Lab Level 2	DJM	
1997/10	GM407/97/2	Mutagenesis of LPS genes in Bordetella spp.			Andrew Allen, R Thomas, T Isobe	Lab Level	DJM	
1997/11	GM407/97/2	Generation of genomic libraries from Bordetella spp. in cosmid vectors			Andrew Allen, Richard Thomas	Lab Level 2	DJM	
1997/12	GM407/97/2	Cloning and manipulation of LPS genes from Bordetella spp. in E. coli			Andrew Allen, Richard Thomas, Tomoko Isobe	Lab Level 2	DJM	
1997/13	GM407/97/2	Complementation of B. pertussis bplL mutants using rfb genes from Pseudomonas aeruginosa.			Andrew Allen, Richard Thomas, Tomoko Isobe	Lab Level 2	DJM	
1997/14	GM407/99.3	Use of HSV-1L-beta-A to establish latent infections in mice			H Field, A Thackray, M Shaw, A Awan	Lab Level 2, Animal Level 2	HJF	
1997/15		The use of gH-negative Herpes vectors for gene-delivery into the central nervous system of rats			WF Blakemore, AJ Crang, JM Gilson	Lab level 1, Animal Level 1	WFB	
1997/16		The regulation of macrophage and vascular smooth muscle function by Lipocortin-1			CE Bryant	Lab Level 1	CEB	
1997/17.1		The regulation of inducible nitric oxide synthase and cyclooxygenase-2 in macrophage and vascular smooth muscle cells: Generation of plasmids in E. coli			CE Bryant	Lab Level 1	CEB	

1997/17.2		The regulation of inducible nitric oxide synthase and cyclooxygenase-2 in macrophage and vascular smooth muscle cells: Transfection of constructs to eukaryote host			CE Bryant	Lab Level 1	CEB	
1997/18		The use of the 1312 mutant Herpes virus as a vector for gene delivery into the central nervous system			Dr AJ Crang, Mrs J Gilson	Lab Level 2 Animal Level 2	WFB	
1997/19		Cloning of sugar biosynthesis gene from Mycobacterium			D Maskell	Lab Level	DJM	
1997/20		Expression of sugar biosynthesis genes from Mycobacterium spp			D Maskell	Lab Level 1	DJM	
1997/21		Generation of constructs for the mutagenesis of sugar biosynthesis genes in Mycobacterium spp.			D Maskell	Lab Level 1	DJM	
1997/22		Generation of constructs for the mutagenesis of Shigella flexneri			D Maskell	Lab Level 1	DJM	
1997/23		Mutagenesis of Shigella flexneri to inactivate genes for lipid A biosynthesis			D Maskell	Lab Level 2	DJM	
1997/24		Cloning of genes for lipid biosynthesis from Shigella flexneri			D Maskell	Lab Level	DJM	
1997/25		Cloning and identification of the MVV receptor			L Tiley, J Lyall	Lab Level 2	LST	
1997/26	GM407/95/	Cloning cGMP-PDE beta cDNA from a canine cardiac muscle library			DR Sargan	I	DRS	
1997/27		Development of expression cloning technology in Drosophila cell system - I				Lab Level 1	PJL	
1997/28		Development of expression cloning techniques in Drosophila cell system - II				Lab Level 1	PJL	
1997/29		Characterization of mouse gamma herpes virus 68 (MHV68) ORF4 with homology to human DAF and MCP - I			Dr. Alexandra Davies, Mrs. Barbara Fernie, Ms. Chrissie Willers, Prof. Peter Lachmann	Lab Level 1	PJL	
1997/30		Characterization of mouse gamma herpes virus 68 (MHV68) ORF4 with homology to human DAF and MCP - II			Dr. Alexandra Davies, Mrs. Barbara Fernie, Ms. Chrissie Willers, Prof. Peter Lachmann	Lab Level 1	PJL	
1997/31		Characterization of mouse gamma herpes virus 68 (MHV68) ORF4 with homology to human DAF and MCP - III			Dr. Alexandra Davies, Mrs. Barbara Fernie, Ms. Chrissie Willers, Prof. Peter Lachmann	Lab Level 1	PJL	
1997/32		Raising antibodies to mouse gamma herpes virus 68 (MHV68) ORF4 by DNA vaccination into mice and/or rabbits				Lab Level 1	PJL	
1997/33		Development of a novel probe for in vivo complement activation				Lab Level 1	PJL	
1998/01		Construction of a recombinant MVV that expresses GFP			Laurence Tiley and Jonathan Lyall	Lab Level	LST	
1998/02		Construction of recombinant MVV expressing GFP			Laurence Tiley and Jonathan Lyall	Lab Level	LST	
1998/03		Isolation of avian cell lines stably expressing Budgerigar Fledgling disease virus large T antigen			Laurence Tiley and Jonathan Lyall	Lab Level 1	LST	
1998/04		Characterization of mouse gamma herpes virus 68 (MHV68) ORF4 with homology to human DAF and MCP			Mrs. Barbara Fernie, Dr. Alexandra Davies, Prof. P. J. Lachmann	Lab Level 1	PJL	
1998/05		Development of expression cloning technology in COS cells			Dr. Sandra Navarette, Dr. Alex Davies, Prof. Peter	Lab Level	PJL	
1998/06		Construction and screening of cDNA expression libraries from various micro-organisms			Dr. Gabi Margos, Dr. Alex Davies, Mrs. Barbara Fernie, Prof. Peter Lachmann	Lab Level 1	PJL	
1998/07		Raising antibodies to herpes virus saimiri human CD59 homologue by DNA vaccination into rats and/or rabbits			Dr. Alexandra Davies, Ms. Chrissie Willers, Mr. Martin Fleming, Prof. Peter Lachmann	Lab Level 1	PJL	
1998/08	GM407/95/2	Construction and characterisation of recombinant adenoviral vectors			R.J.M. Franklin, W.F. Blakemore	Lab Level 2	RJMF	
1998/09		Construction of LPS mutants in Bordetella bronchiseptica and their use in cell culture, organ culture and animal models of infection.			Andrew Preston, Tomoko Isobe, Wayne Kark and Nicola Wiggs	Lab Level 2	DJM	This proposal had no RA number and was inserted 21/05/03 after checking archives.
1999/01		Production and in vivo injection of lentivirus vectors			RJM Franklin	Lab Level	RJMF	Represented as 2000/22
1999/02		Inducible inhibition of gene expression using external guide sequence libraries and RNaseP			Laurence Tiley, Jonathan Lyall, Lizzir Grose	Lab Level 1	LST	
1999/03	GM407/00.1	Inhibition of virulence gene expression using targeted redirection of RNaseP			Laurence Tiley, Angelina Turner	Lab Level 3	LST	

1999/04	GM407/99.3	Use of strains of HSV-1 containing the Lac Z reporter gene as a marker for infection in murine tissues.			A Thackray, A Awan, M Shaw, P Calvi	Lab Level 2 Animal Level 2	HJF	
1999/05		Lipid transfection of canine cells with plasmid vectors carrying SV40 T Ag under the control of the MLV LTR. Selection for Neo or Hqr resistant colonies.			S. Baines, J. Lyall	Lab Level 1	LST	
1999/06		Expression of canine oral papillomavirus genes in adenovirus vectors	Annex		Dr Barbara Blacklaws, Mr Elmer Santos, Mr Paul Tonks	Lab Level 1	BAB	
1999/07	GM407/99.1	Expression of canine oral papillomavirus genes in vaccinia virus recombinants			Dr BA Blacklaws, Mr Elmer Santos, Mr Paul Tonks	Lab Level 2	BAB	
1999/08	GM407/97/	Transposon (Tn917) mutagenesis of Streptococcus equi			Dr Josh Slater, Dr Andrew Allen, Steve Bolitho	Lab Level	DJM	
1999/09		Characterization of the "Streptococcal Inhibitor of Complement" protein and its interaction with the membrane attack complex			Mrs. Barbara Fernie, Mr. David Seilly, Dr. Alexandra Davies, Prof. Peter Lachmann	Lab Level 1	PJL	
2000/01		Cloning of ovine IL-4			Mr Simon Chan, Mr Paul Tonks, Dr Barbara Blacklaws, Professor Ian McConnell	Lab Level 1	BAB	
2000/02		Expressing ovine IL-4			Mr Simon Chan, Mr Paul Tonks, Dr Barbara Blacklaws, Professor Ian McConnell	Lab Level 1	BAB	
2000/03		Cloning and expression of Maedi Visna antigens in E. coli			Mr Simon Chan, Dr Pietro Mastroeni, Dr Barbara Blacklaws, Professor Ian McConnell	Lab Level 1	BAB	
2000/04		Expression of IL12 p40 in live attenuated Salmonella enteritidis			Pietro Mastroeni, Jorg Lehmann	Lab Level 2	PM	
2000/05	GM407/97/	Expression of IL12 p40 in wild-type Salmonella enteritidis			Pietro Mastroeni, Jorg Lehmann	Lab Level	PM	
2000/06	GM407/99.3	The interaction of dendritic cells and HSV			Raymond Bujdoso, Alana Thackray, Jo smith	Animal Level 2	RB	
2000/07		Enhancing plasmid DNA vaccination			Raymond Bujdoso, Alana Thackray, Jo smith	Lab Level	RB	
2000/08		Modifying herpes amplicons for biological containment: 1. construction			David Sargan, Tasneen Zahir, Mike Squire	Lab Level 1	DRS	
2000/09	GM407/95/4	Modifying herpes amplicons for biological containment: 2. Use of modified amplicons in cultured cell lines			David Sargan, Tasneen Zahir, Mike Squire	Lab Level 2	DRS	
2000/11		Cloning murine tlr (Toll-like receptors) and their dominant-negative mutants into pBleuscript and eukaryotic expression vectors			C Bryant, S Totemeyer, M Cable, M Coppola	Lab Level 1	CEB	
2000/12		Expression of Tlr (Toll-like receptors) and their dominant-negative mutants in eukaryotic cells			C Bryant, S Totemeyer, M Cable, M Coppola	Lab Level 1	CEB	
2000/13		Cloning of genes for lipid-A biosynthesis from Salmonella typhimurium			AR Emilianus, P Mastroeni, S Totemeyer, M Royle, R Kalupahana, M Cable		DJM	
2000/14		Generation of constructs for the mutagenesis of Salmonella typhimurium			AR Emilianus, P Mastroeni, S Totemeyer, M Royle, R Kalupahana, M Cable		DJM	
2000/15		Mutagenesis of Salmonella typhimurium to inactivate genes for lipid-A biosynthetic enzymes. Infection of mice with S. typhimurium lipid-A mutants			AR Emilianus, P Mastroeni, S Totemeyer, M Royle, R Kalupahana, M Cable		DJM	
2000/16		Complementation of Salmonella typhimurium lipid-A mutants. Infection of mice with complemented mutants			AR Emilianus, P Mastroeni, S Totemeyer, M Royle, R Kalupahana, M Cable		DJM	
2000/17		Transformation of Salmonella typhimurium by GFP-encoding plasmids. Infection of mice with GFP-expressing S. typhimurium			AR Emilianus, P Mastroeni, S Totemeyer, M Royle, R Kalupahana, M Cable		DJM	
2000/18		Delivery of therapeutic genes into the hemiparkinsonian marmoset brain using attenuated herpes simplex viral vectors, non-lytic (NL) HSV-1			LE Annett, RM Cummings	Animal Level 1	LA	
2000/19		Techniques for Gene Delivery to Adult CNS			Peter Smith, RJM Franklin	Lab Level	RJMF	
2000/20	GM407/97/2	Investigations into the pathogenesis of Campylobacter spp. using signature tagged mutagenesis	Annex		D. J. Maskell, Neil Oldfield, Claire Woodhall, Andrew Hall	Lab Level 2	DJM	

2000/21		Dendritic cell presentation of recombinant Salmonella expressing viral antigens	Annex		Mr Simon Chan, Mr Paul Tonks, Dr Pietro Mastroeni, Dr Barbara Blacklaws, Professor Duncan Maskell, Professor Ian McConnell	Lab Level 2 Animal Level 2	BAB	
2000/22	See note	Production and in vivo injection of lentiviral vectors			R.J.M. Franklin, C Zhao	Lab Level 2 Animal Level 1	RJME	Class 1 until something more hazardous than GFP or innocuous RNAi are inserted.
2000/23		Identification of microdeletion at human chromosome 9p			Fumio Kasai	Lab Level 1	MFS	
2001/01		Gene Expression During Endochondral Ossification			Miss L. Bowe, Miss S. Daikou, Miss K. Glaser, Dr A. Horner, Dr M.E. Davies, Professor L.B. Jeffcott	Lab Level 1	LBJ	
2001/02		The use of genetic fusions containing antigen and either complement fragment C3d or the Fc region of mouse IgG to target antigen presenting cells			P Mastroeni, DL Hinton	Lab Level 1 Animal Level 1	PM	
2001/03		Sub-retinal injection for gene transfer to the neural retina using adeno-associated virus vectors.			Sargan, Squire, Bainbridge*, Taylor, Williams, Ali*	Lab Level 1 Animal Level 1	DRS	
2001/04	GM407/01.1	Immortalisation of equine bone-marrow derived cells using retroviral mediated gene transfer of SV 40 T-Ag.			Dr C. Bryant, Dr Sabine Totemeyer, Matt Cable, Maria Coppola	Lab Level 3	CEB	
2001/05		Delivery of therapeutic genes into the hemiparkinsonian marmoset brain using a minimal Equine Infectious Anemia Virus (EIAV) as a vector	Annex		LE Annett, RM Cummings, Animal Care Staff at Innes Building	Animal Level 1	LA	
2001/06		Delivery of 1) glial cell line-derived neurotrophic factor (GDNF) and 2) -synuclein genes into the marmoset brain using recombinant adeno-associated viral (rAAV) vector	Annex1	Annex2	LE Annett, RM Cummings, Animal Care Staff at Innes Building	Animal Level 1	LA	
2001/07	GM407/97/2	Expression of Leishmania antigens in Salmonella typhimurium			P. Mastroeni, Uta Lange	Lab Level 2 Animal Level 2	PM	
2001/08		Comparative mapping project: reagent generation phase			Squire, Aguirre-Hernandez, Milne, Borg, Sargan	Lab Level	DRS	
2001/09	GM407/97/1	Transposon (Tn917) mutagenesis of Staphylococcus			Dr Andrew Allen, Paul Owen	Lab Level	DJM	
2001/10	GM407/97/1	Transposon (Tn917) mutagenesis of Staphylococcus			Dr Andrew Allen, Paul Owen	Lab Level	DJM	
2001/11	GM407/97/2	Investigations into the pathogenesis of Campylobacter spp. using signature tagged mutagenesis			Dr Andrew Grant, Dr Claire Woodall, Dr Chris Coward, Miss Heather Lindsay	Lab Level 2	DJM	
2001/12	GM407/97/2	Investigations into the pathogenesis of Campylobacter spp. through the use of directed mutants			Dr Andrew Grant, Dr Claire Woodall, Dr Chris Coward, Miss Heather Lindsay	Lab Level 2	DJM	
2002/01	GM407/01.1	Immortalisation of murine bone-marrow derived cells using retroviral mediated gene transfer of SV40 T-Ag			Dr Sabine Totemeyer, Dr Clare Bryant	Lab Level 3	CEB	
2002/02		Evaluation of attenuated ETEC vaccine strains in vivo	Annex		S. Lewis, S. Sharma, J. Cutter	Lab Level	M.Darsley	
2002/03	GM407/97/2	Investigations into the pathogenesis of Campylobacter spp. through the use of directed mutants			Dr Andrew Grant, Dr Claire Woodall, Dr Chris Coward, Miss Heather Lindsay	Lab Level 2	DJM	
2002/04		Cloning Neisseria genes in E. coli			Andrew Preston, Elizabeth Maxim	Lab Level	DJM	
2002/05		Cloning Bordetella genes in E. coli			Andrew Preston, Elizabeth Maxim, Tracy Anderton, (Andrew Allen, Richard Thomas, Elinor Toland)	Lab Level 1	DJM	
2002/06	GM407/97/2	Mutagenesis of genes in Bordetella spp and complementation of mutations			Andrew Preston, Elizabeth Maxim, Tracy Anderton, (Andrew Allen, Richard Thomas, Elinor Toland)	Lab Level 2	DJM	
2002/07		Expressing Bordetella genes in E. coli			Andrew Preston, Elizabeth Maxim, Tracy Anderton, (Andrew Allen, Richard Thomas, Elinor Toland)	Lab Level 1	DJM	
2002/08		Expression of Neisseria genes in E. coli			Andrew Preston, Elizabeth Maxim	1	DJM	
2002/09	Required	Complementation of Pseudomonas aeruginosa LPS mutations by Bordetella LPS genes			Andrew Preston, Elizabeth Maxim	Lab Level 2	DJM	
2002/10		Mechanisms of immunity to bacterial infections			P. Mastroeni, N. Menager, S. Ugrinovic, M. Sheppard, D. Hilton, J. Campos-Perez	Lab Level 1	PM	
2002/11	See note							New RA submitted
2002/12		Expression of T cell epitopes of maeedi visna virus in vaccinia with ovine cytokines			Dr Barbara Blacklaws, Changxin Wu	Lab Level 1 Animal Level 1	BAB	

2002/13		Cloning and expression of ovine major histocompatibility genes				Dr Barbara Blacklaws, Changxin Wu	Lab Level 1	BAB	
2002/14		Construction of lentiviral vector for expressing RNAi				Lizzie Grose, Laurence Tiley	Lab Level 1	LST	
2002/15	GM407/97/2	Mutagenesis of Streptococcus equi subsp. equi virulence genes by allelic exchange				Josh Slater, Douglas West, Caray Walker	Lab Level 2	JS	
2002/16		Assessment of the ability of Streptococcus equi subsp. equi to use quorum sensing to regulate the expression of virulence determinants, through the use of three reporter strains of Vibrio harveii				James May, Josh Slater	Lab Level 1	JS	
2002/17	GM407/97/2	Investigations into the pathogenesis of Campylobacter spp. through the use of directed mutants				Dr Andrew Grant, Dr Claire Woodall, Dr Chris Coward, Miss Heather Lindsay	Lab Level 2	DJM	
2002/18	GM407/97/2	Investigations into the pathogenesis of Campylobacter spp. through the use of directed mutants				Dr Andrew Grant, Dr Claire Woodall, Dr Chris Coward, Miss Heather Lindsay	Lab Level 2	DJM	
2002/19	GM407/97/2	Investigations into the pathogenesis of Campylobacter spp. through the use of directed mutants				Dr Andrew Grant, Dr Claire Woodall, Dr Chris Coward, Heather Lindsay	Lab Level 2	DJM	
2003/01		Complementation of putative virulence genes in Streptococcus equi subspecies equi previously disrupted by this laboratory.	Annex			Josh Slater, Douglas West, James May, Caray Walker, Heather Lindsay.	Lab Level 1	DJM	
2003/02	GM407/97/2	Cloning genes from one Bordetella species into a different Bordetella species	Annex			Andrew Preston, Elizabeth Maxim, Tracy Anderton, Jerry King	Lab Level 2	DJM	
2003/03		Identification and isolation of DC in chicken tissue.				XingWu Zhu	Lab Level 1	IMcC	
2003/04		Expression of antigens of Echinococcus granulosus in vaccinia virus				Gabriela Alvite , Prof. C.E. Hormaeche, Prof. D. Maskell	Lab Level 1	DJM	
2003/05		RNAi mediated inhibition of gene expression using self-inactivating lentiviral vectors.				Lizzie Grose, Angelina Turner, Jon Lyall, Laurence Tiley	Lab Level 1	LST	
2003/06	GM407/03.1	MOLECULAR CLONING AND EXPRESSION OF OVINE AND MURINE PrP DNA	Annex			Raymond Bujdoso; Alana Thackray; Edmond Wong; Sujeong Yang; Sowymia Moorthie; Chrisitna Greenwood; Robert Morqan-Warren; Tim Fitzmaurice	Lab Level 2 (derogated)	RB	RB has spoken with KH at HSE. Work can continue, but further justification required for derogation during next 6 months.
2003/07	GM407/03.1	MOLECULAR CLONING AND EXPRESSION OF OVINE AND MURINE PrP DNA	Annex			Raymond Bujdoso; Alana Thackray; Edmond Wong; Sujeong Yang; Sowymia Moorthie; Chrisitna Greenwood; Robert Morqan-Warren; Tim Fitzmaurice	Lab Level 2	RB	
2003/08	GM407/03.1	MOLECULAR CLONING AND EXPRESSION OF BOVINE AND CERVID PrP DNA	Annex			Raymond Bujdoso; Alana Thackray; Edmond Wong; Sujeong Yang; Sowymia Moorthie; Chrisitna Greenwood; Robert Morqan-Warren; Tim Fitzmaurice	Lab Level 2	RB	
2003/09	GM407/03.1	MOLECULAR CLONING AND EXPRESSION OF BOVINE AND CERVID PrP DNA	Annex			Raymond Bujdoso; Alana Thackray; Edmond Wong; Sujeong Yang; Sowymia Moorthie; Chrisitna Greenwood; Robert Morqan-Warren; Tim Fitzmaurice	Lab Level 2	RB	
2003/10		Manipulation of Salmonella genes				Dr Andrew Grant, Dr Chris Coward	Lab Level 1	DJM	
2003/11		Manipulation of Salmonella genes				Dr Andrew Grant, Dr Chris Coward	Lab Level 2 Animal Level 2	DJM	
2003/12	GM407/97/2	Complementation of putative virulence genes in Streptococcus equi subspecies equi previously disrupted by this laboratory.	Annex			Josh Slater, Douglas West, James May, Caray Walker, Heather Lindsay.	Lab Level 2	DJM	Upgraded to level 2 on confirmation of plasmid mob phenotype.
2003/13		Cloning of maedi visna virus proteins in adenovirus shuttle plasmids	Annex	Annex2	Annex3	Dr Barbara Blacklaws, Dr Cyril Barbezange	Lab Level 1	BAB	
2003/14		Expression of maedi visna virus proteins in adenovirus recombinants				Dr Barbara Blacklaws, Dr Cyril Barbezange	Lab Level 1 Animal Level 1	BAB	
2003/15	GM407/97/2	Random mutagenesis of Salmonella enterica serovar Typhimurium using transposon constructs delivered by conjugation or transpososome techniques.				Dr. S.Peters, Ms. C. Willers, Ms. H. Northen, 1 RA to be appointed	Lab Level 2 Animal Level 2	DJM	
2003/16	GM407/97/2	Transposon mutagenesis of Staphylococcus aureus				Dr. S.Peters, Ms. C. Willers, Ms. H. Northen, 1 RA to be appointed	Lab Level 2 Animal Level 2	DJM	

Transformation of Samonella typhmurium by DsRed-Express-encoding plasmid. Infection of mice with DsRed-express-expressing S.Typhmurium.			Lab Level 2 Animal Level 2	PM	
2003/17	GM407/97/2	Miss Hazel M Uppington, Dr N Menager			

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