



## Reports

1. *Rapporteur:* WHO South-East Asia Regional Office (SEARO) Technical Informal meeting to Develop Regional Working Reference Standards (RWRS) for JE and Polio Vaccines.  
19 - 21 November, 2013, Yogyakarta, Indonesia
2. *Rapporteur:* Technical Workshop on the Standardisation of Serological and PCR Assays for the Detection of Ebolavirus.  
5-6 March, 2015, NIBSC, UK

## Published

1. Badhan A, Eichstaedt CA, Almond NM, Knapp LA and Rose NJ (2015). Analysis of full-length mitochondrial DNA D-loop sequences from *Macaca fascicularis* of different geographic origins reveals novel haplotypes. *J Med Primatol* 44: 125–136
2. Haus T, Ferguson B, Rogers J, Doxiadis G, Certa U, Rose NJ, Teepe R, Weinbauer GF and Roos C (2014). Genome typing of nonhuman primate models: implications for biomedical research. *Trends Genet* 30: 482–487
3. Ferguson D, Mattiuzzo G, Ham C, Stebbings R, Li B, Rose NJ, Mee ET, Page M, Cranage M, Almond N, Towers G and Berry N (2014). Rapid establishment of persisting live attenuated SIV in multiple lymphoid tissues elicits innate immune responses linked with protective vaccination. *PLoS ONE* 9(8): e104390
4. Borsetti A, Ferrantelli F, Maggiorella MT, Sernicola L, Bellino S, Gallinaro A, Farcomeni S, Mee ET, Rose NJ, Cafaro A, Titti F and Ensoli B (2014). Effect of MHC haplotype on immune response upon experimental SHIV<sub>SF162P4CY</sub> infection of Mauritian cynomolgus macaques. *PLoS ONE* 9(4): e93235
5. Mee ET, Stebbings R, Hall J, Giles E, Almond N and Rose NJ (2014). Allogeneic lymphocyte transfer in MHC-identical siblings and MHC-identical unrelated Mauritian cynomolgus macaques. *PLoS ONE* 9(2): e88670
6. Aarnink A, Mee ET, Savy N, Congy-Jolivet N, Rose NJ and Blancher A (2014). deleterious impact of foeto-maternal MHC compatibility on the success of pregnancy in a macaque model. *Immunogenetics* 66:105–113
7. Hood S, Mee ET, Perkins H, Bowen O, Dale JM, Almond N, Karayannis P, Bright H, Berry NJ and Rose NJ (2014). Changes in immune cell populations in the periphery and liver of GBV-B-infected and convalescent tamarins (*Saguinus labiatus*). *Virus Res* 179: 93–101
8. Hood S, Mitchell JL, Sethi M, Almond NM, Cutler KL and Rose NJ (2013). Horizontal acquisition and a broad biodistribution typify simian foamy virus infection in a cohort of *Macaca fascicularis*. *Virology* 410: 326
9. Mitchell JL, Mee ET, Wigglesworth E, Sethi M, Auda G, Almond NM and Rose NJ (2013). STLV-I alters the proviral load and biodistribution of SRV-2 in co-infected macaques, supporting advancement of immunosuppressive pathology. *J Gen Virol* 94: 622–632

10. Mattiuzzo G, Rose NJ, Almond N, Towers GT and Berry N (2013). Upregulation of TRIM5alpha gene expression after live attenuated Simian Immunodeficiency Virus vaccination in Mauritian cynomolgus macaques but TRIM5alpha has no impact on virus acquisition or vaccination outcome *J Gen Virol* 94: 605–610
11. Stebbings R, Février M, Li B, Lorin C, Koutsoukos M, Mee ET, Rose NJ, Hall J, Page M, Almond N, Voss G and Tangy F (2012). Immunogenicity of a recombinant measles-HIV-1 Clade B candidate vaccine. *PLoS ONE* 7(11): e50397
12. Page M, Stebbings R, Berry N, Hull R, Ferguson D, Davies L, Duffy L, Elsley W, Hall J, Ham C, Hassall M, Li B, Mee ET, Quartey-Papafio R, Rose NJ, Mathy N, Voss G, Stott EJ and Almond N (2012). Heterologous protection elicited by candidate monomeric HIV-1 rgp120 vaccine in the absence of cross neutralising antibodies in a macaque model. *Retrovirology* 9: 56
13. Borsetti A, Maggiorella MT, Sernicola L, Bellino S, Ferrantelli F, Belli R, Fulgenzi D, Mee ET, Rose NJ, Cafaro A, Ensoli B and Titti F (2012). Influence of MHC class I and II haplotypes on the experimental infection of Mauritian cynomolgus macaques with SHIVSF162P4cy. *Tissue Antigens* 80: 36–45
14. Berry NJ, Marzetta F, Towers GJ and Rose NJ (2012). Diversity of TRIM5 $\alpha$  and TRIMCyp sequences in cynomolgus macaques from different geographical origins. *Immunogenetics* 64: 267–278
15. Mitchell JL, Mee ET, Almond NM, Cutler KL and Rose NJ (2012). Characterisation of MHC genetics in an Indonesian cynomolgus macaque cohort reveals a high level of diversity. *Immunogenetics* 64:123–129
16. Berry N, Ham C, Mee ET, Rose NJ, Mattiuzzo G, Jenkins A, Page M, Elsley W, Robinson M, Smith D, Ferguson D, Towers G, Almond N and Stebbings R (2011). Early potent protection against heterologous SIVsmE660 challenge following live attenuated SIV vaccination in Mauritian cynomolgus macaques. *PLoS ONE* 6: e23092
17. Mee ET, Greenhow J and Rose NJ (2011). Characterisation of *Mhc* class I and class II DRB polymorphism in red-bellied tamarins (*Saguinus labiatus*). *Immunogenetics* 63: 619–626
18. Mitchell JL, Murrell CK, Auda G, Almond N and Rose NJ (2011). Early immunopathology events in simian retrovirus, type 2 infections prior to the onset of disease. *Virology* 413: 161–168
19. Ylinen LMJ, Price AJ, Rasaiyaah J, Hué S, Rose NJ, Marzetta F, James LC and Towers GJ (2010). Conformational adaptation of Asian Macaque TRIMCyp directs lineage specific antiviral activity. *PLoS Pathog* 6: e1001062
20. Mee ET, Berry N, Ham C, Lines J, Aubertin A-M, Stebbings R, Page M, Almond N and Rose NJ (2010). *Mhc* haplotype M3 is associated with early control of SHIVsbg infection in Mauritian cynomolgus macaques. *Tissue Antigens* 76: 223–229
21. O'Connor SL, Lhost JJ, Becker EA, Detmer AM, Johnson RC, MacNair CE, Wiseman RW, Karl JA, Greene JM, Burwitz BJ, Bimber BN, Lank SM, Tuscher JJ, Mee ET, Rose NJ, Desrosiers RC, Hughes A, Friedrich TC, Carrington M and O'Connor DH (2010). MHC heterozygote advantage in simian immunodeficiency virus-infected Mauritian cynomolgus macaques. *Sci Transl Med* 2: 22ra18
22. Mee ET, Murrell CK, Watkins J, Almond NM, Cutler KL and Rose NJ (2009). Low rates of transmission of SRV and STLV to juveniles in a population of *M. fascicularis* facilitate establishment of specific-retrovirus-free colonies. *J Med Primatol* 38: 160–170

23. Mee ET, Berry N, Ham C, Sauermann U, Maggiorella MT, Martinon F, Verschoor EJ, Heeney, JL, Le Grand R, Titti F, Almond NM and Rose NJ (2009). Mhc haplotype H6 is associated with sustained control of SIVmac251 infection in Mauritian cynomolgus macaques. *Immunogenetics* 61: 327–339
24. Okroj M, Mark L, Stokowska A, Wong SW, Rose N, Blackbourn DJ, Spiller OB and Blom A (2009). Characterization of the complement inhibitory function of rhesus rhadinovirus complement control protein (RCP). *J Biol Chem* 284: 505–514
25. Mee ET, Badhan A, Karl J-A, Wiseman R, Almond NM, Cutler KL, O'Connor D and Rose NJ (2009). MHC haplotype frequencies in a UK breeding colony of cynomolgus macaques mirror those found in distinct populations derived from the same geographic origin. *J Med Primatol* 38: 1–14
26. Mee ET, Murrell CK, Sauermann U, Wilkinson RC, Heath A, Ladhani K, Cutler KL, North D, Almond NM and Rose NJ (2008). The MHC class II *DRB* genotype of *M. fascicularis* does not influence infection by simian retrovirus, type 2. *Tissue Antigens* 72: 369–378
27. Rose NJ and Lever AML (2007). HTLV-1 inhibition by rapamycin involves an NF- $\kappa$ B pathway rescued by c-Myb. *Retrovirology* 4: 24
28. Wilkinson RC, Murrell CK, Guy R, Davis G, Hall JM, North DC, Rose NJ and Almond NM (2003). Persistence and dissemination of SRV-2 viral DNA in relation to viremia, seroresponse and experimental transmissibility in *M. fascicularis*. *J Virol* 77: 10751–10759
29. Rose NJ and Lever AML (2001). The rapamycin sensitivity of human T-cell leukaemia virus type I-infected T cells is mediated independently of polypyrimidine motifs in the 5' long terminal repeat. *J Gen Virol* 82: 435–439
30. Richardson JH, Rose NJ, Mann S, Ferguson-Smith M and Lever AML (2001). Chromosomal positioning of human T-lymphotropic type 1 proviruses by fluorescence in situ hybridisation. *J Virol Methods* 93: 65–74
31. Rose NJ, Richardson JH, Desselberger U and Lever AML (2000). Virus inactivation in a proportion of human T-cell leukaemia virus type I-infected T-cell clones arises through naturally occurring mutations. *J Gen Virol* 81: 97–104
32. Rose NJ, Mackay K, Byers PH and Dagleish R (1995). A Gly238Ser substitution in the alpha 2 chain of type I collagen results in osteogenesis imperfecta type III. *Hum Genet* 95: 215–218
33. Rose NJ, Mackay K, de Paepe A, Steinmann B, Punnett HH and Dagleish R (1994). Three unrelated individuals with perinatally lethal osteogenesis imperfecta resulting from identical Gly502Ser substitutions in the alpha 2-chain of type I collagen. *Hum Genet* 94: 497–503
34. Rose NJ, Mackay K, Byers PH and Dagleish R (1994). A Gly859Ser substitution in the triple helical domain of the alpha 2 chain of type I collagen resulting in osteogenesis imperfecta type III in two unrelated individuals. *Hum Mutat* 3: 391–394
35. Rose NJ, Mackay K, Byers PH and Dagleish R (1993). A novel glycine to glutamic acid substitution at position 343 in the alpha 2 chain of type I collagen in an individual with lethal osteogenesis imperfecta. *Hum Mol Genet* 2: 2175–2177