

AFRC Institute for Animal Health, Compton Laboratory, Compton, Newbury,
Berkshire, RG16 0NN, UK.

**WS 9.3 THE EFFECT OF IMMUNOSUPPRESSION WITH
CORTICOSTEROID ON THE INFECTION OF CALVES
WITH BOVINE VIRUS DIARRHOEA VIRUS**

M. C. Clarke, J. Brownlie and C. J. Howard

Pairs of gnotobiotic calves were immunosuppressed by treatment with a corticosteroid (dexamethasone) and exposed, intranasally, to either or both of the two biotypes of bovine virus diarrhoea virus (BVDV). The viruses were an "homologous" pair of strains, cytopathogenic (Pe515c) and non-cytopathogenic (Pe515nc), isolated from a case of mucosal disease.