Foot and Mouth Disease: Current Perspectives

Sobrino, Francisco


Table of Contents

Stepping stones in foot-and-mouth research: a personal view
F. Brown

Genome organisation, translation and replication of foot-and-mouth disease virus RNA
Graham J. Belsham, Encarnacion Martinez-Salas

Foot-and-mouth disease virus proteinases
Martin D. Ryan, Michelle L. L. Donnelly, Mike Flint, Vanessa M. Cowton, Garry Luke, Lorraine E. Hughes, Caroline Knox, Pablo de Felipe

Structure of foot-and-mouth disease virus particles
Cristina Ferrer-Orta, Ignacio Fita

Clinical signs of foot-and-mouth disease
Alex Donaldson

Persistence of foot-and-mouth disease virus
Jeremy Salt

Molecular aspects of foot-and-mouth disease virus virulence and host range: role of host cell receptors and viral factors
Barry Baxt, Elizabeth Rieder

Immunology of foot-and-mouth disease
Kenneth C. McCullough, Francisco Sobrino

Functional and structural aspects of the interaction of foot-and-mouth disease virus with antibodies
Mauro G. Mateu, Nuria Verdaguer

Quasispecies dynamics and evolution of foot-and-mouth disease virus
Esteban Domingo, Carmen M. Ruiz-Jarabo, Armando Arias, Juan Garcia-Arnaza, Cristina Escamis

Modern inactivated foot-and-mouth disease (FMD) vaccines: historical background and key elements in production and use
S. J. Barteling

Foot-and-mouth disease virus peptide vaccines
David J. Rowlands

Mathematical models of the epidemiology and control of foot-and-mouth disease
Mark E. J. Woolhouse

Natural habitats in which foot-and-mouth disease virus is maintained
Wilna Vosloo, Gavin R. Thomson

Diagnosis and control of foot-and-mouth disease
R. P. Kitching

Control of foot-and-mouth disease: role of international organizations
J. Blancou, Y. Leforban, J. E. Pearson

Overview of foot-and-mouth disease and its impact as a re-emergent viral infection
Brian W. J. Mahy