

# Contents

<b>Introduction .....</b>	<b>1</b>
<b>1 Making It to the Synapse: Measles Virus Spread in and Among Neurons .....</b>	<b>3</b>
V.A. Young and G.F. Rall	
<b>2 Modeling Subacute Sclerosing Panencephalitis in a Transgenic Mouse System: Uncoding Pathogenesis of Disease and Illuminating Components of Immune Control .....</b>	<b>31</b>
M.B.A. Oldstone	
<b>3 Measles Studies in the Macaque Model .....</b>	<b>55</b>
R.L. de Swart	
<b>4 Ferrets as a Model for Morbillivirus Pathogenesis, Complications, and Vaccines.....</b>	<b>73</b>
S. Pillet, N. Svitek, and V. von Messling	
<b>5 Current Animal Models: Cotton Rat Animal Model .....</b>	<b>89</b>
S. Niewiesk	
<b>6 Current Animal Models: Transgenic Animal Models for the Study of Measles Pathogenesis .....</b>	<b>111</b>
C.I. Sellin and B. Horvat	
<b>7 Molecular Epidemiology of Measles Virus .....</b>	<b>129</b>
P.A. Rota, D.A. Featherstone, and W.J. Bellini	
<b>8 Human Immunology of Measles Virus Infection .....</b>	<b>151</b>
D. Naniche	

<b>9 Measles Control and the Prospect of Eradication.....</b>	173
W.J. Moss	
<b>10 Measles: Old Vaccines, New Vaccines .....</b>	191
D.E. Griffin and C.-H. Pan	
<b>11 Measles Virus for Cancer Therapy .....</b>	213
S.J. Russell and K.W. Peng	
<b>12 Measles Virus-Induced Immunosuppression .....</b>	243
S. Schneider-Schaulies and J. Schneider-Schaulies	
<b>13 Hostile Communication of Measles Virus with Host Innate     Immunity and Dendritic Cells .....</b>	271
B. Hahm	
<b>Index.....</b>	289