

Abigail Woods · Michael Bresalier
Angela Cassidy · Rachel Mason Dentinger

Animals and the Shaping of Modern Medicine

One Health and its Histories

palgrave
macmillan

CONTENTS

1	Introduction: Centring Animals Within Medical History	1
1.1	<i>Why Animals?</i>	4
1.2	<i>Writing Animal Histories</i>	7
1.3	<i>Animals in Medical History</i>	11
1.4	<i>One Health and its Histories</i>	14
	<i>Bibliography</i>	20
2	Doctors in the Zoo: Connecting Human and Animal Health in British Zoological Gardens, c.1828–1890	27
	Abigail Woods	
2.1	<i>Disease and Death in the Zoo</i>	32
2.1.1	<i>Public Health</i>	35
2.1.2	<i>Bedside Medicine</i>	39
2.1.3	<i>Hospital Medicine</i>	43
2.2	<i>Comparative Perspectives</i>	46
2.2.1	<i>The Pursuit of Comparative Pathology</i>	49
2.2.2	<i>Tuberculosis and Rickets</i>	54
2.3	<i>Conclusion</i>	58
	<i>Bibliography</i>	61

3	From Coordinated Campaigns to Watertight Compartments: Diseased Sheep and their Investigation in Britain, c.1880–1920	71
	Abigail Woods	
3.1	<i>Coordinated Campaigns</i>	75
3.2	<i>Research Reconfigurations</i>	87
3.3	<i>Watertight Compartments</i>	97
3.4	<i>Conclusion</i>	103
	<i>Bibliography</i>	107
4	From Healthy Cows to Healthy Humans: Integrated Approaches to World Hunger, c.1930–1965	119
	Michael Bresalier	
4.1	<i>Cows in Interwar Medicine and Agriculture</i>	123
4.2	<i>War and its Aftermath</i>	130
4.3	<i>Healthy Cows, Healthy Humans</i>	136
4.4	<i>Conclusion</i>	147
	<i>Bibliography</i>	150
5	The Parasitological Pursuit: Crossing Species and Disciplinary Boundaries with Calvin W. Schwabe and the <i>Echinococcus</i> Tapeworm, 1956–1975	161
	Rachel Mason Dentinger	
5.1	<i>Pursuing Echinococcus in Beirut: The Parasitology of Calvin W. Schwabe</i>	165
5.2	<i>Echinococcus Leaves the Laboratory: Schwabe's Parasitology at the Population Level</i>	171
5.3	<i>Following Echinococcus Across the Globe: Schwabe's Persistent Parasitology</i>	176
5.4	<i>Conclusion</i>	184
	<i>Bibliography</i>	187
6	Humans, Other Animals and 'One Health' in the Early Twenty-First Century	193
	Angela Cassidy	
6.1	<i>One Health or Many?</i>	198
6.1.1	<i>Calvin Schwabe and One Medicine</i>	200
6.1.2	<i>The Wildlife Conservation Society</i>	205

6.1.3	<i>The Swiss Tropical and Public Health Institute</i>	207
6.1.4	<i>The One Health Initiative and Commission</i>	209
6.2	<i>The Animal Subjects of One Health</i>	214
6.2.1	<i>Animals in One Health Research Texts</i>	215
6.2.2	<i>Animals in One Health Imagery</i>	219
6.3	<i>Conclusion</i>	225
	<i>Bibliography</i>	227
7	Conclusion	237
	Appendix: Annotated Bibliography of Animals in the History of Medicine	247
	Index	269