Humane Professions

In this compelling history of the co-ordinated, transnational defence of medical experimentation in the nineteenth and early twentieth centuries, Rob Boddice explores the experience of vivisection as humanitarian practice. He captures the rise of the professional and specialist medical scientist, whose métier was animal experimentation and whose guiding principle was 'humanity' or the reduction of the aggregate of suffering in the world. He also highlights the rhetorical rehearsal of scientific practices as humane and humanitarian and connects these often defensive professions to meaningful changes in the experience of doing science. *Humane Professions* examines the strategies employed by the medical establishment to try to cement an idea in the public consciousness: that the blood spilt in medical laboratories served a far-reaching human good.

Rob Boddice is currently a senior research fellow at the Academy of Finland Centre of Excellence in the History of Experiences, Tampere University, Finland. He is an internationally renowned scholar in the histories of emotions, science and medicine. His previous volumes include *The Science of Sympathy* (2016), *Pain: A Very Short Introduction* (2017), *The History of Emotions* (2018) and *A History of Feelings* (2019). This is his tenth book.

Humane Professions

The Defence of Experimental Medicine, 1876–1914

Rob Boddice Tampere University



CAMBRIDGE

Cambridge University Press 978-1-108-49009-2 — Humane Professions Rob Boddice Frontmatter <u>More Information</u>

CAMBRIDGE UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom

One Liberty Plaza, 20th Floor, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India

79 Anson Road, #06-04/06, Singapore 079906

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

www.cambridge.org Information on this title: www.cambridge.org/9781108490092 DOI: 10.1017/9781108780087

© Rob Boddice 2021

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2021

A catalogue record for this publication is available from the British Library.

ISBN 978-1-108-49009-2 Hardback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.

CAMBRIDGE

Cambridge University Press 978-1-108-49009-2 — Humane Professions Rob Boddice Frontmatter <u>More Information</u>

For Wolfgang Behringer

Contents

	List of Illustrations	page viii
	Acknowledgements	ix
	Introduction: Experior	1
1	Darwin's Compromise	20
2	Medical Monsters?	50
3	Of Laboratories and Legislatures	80
4	Paget's Public	103
5	Cannon Fire	138
	Epilogue: Humanity and Human Experimentation	175
	Select Bibliography Index	186 200

Illustrations

0.1	'Vivisectional Research'	page 5
1.1	Members of the International Medical Congress, 1881	33
2.1	'Der Vivisector'	51
2.2	'Die Vivisektion des Menschen'	53
2.3	Carl F. Ludwig	60
3.1	'The Great Educator'	81
3.2	Max Broedel, 'Some Welch Rabbits', 1910	83
4.1	Stephen Paget, founder of the Research Defence Society	110
4.2	Research Defence Society Shop, Piccadilly	134
5.1	'Vivisection'	139
5.2	'Thumbs Down'	141
5.3	'The Greatest Thing in America'	173

viii

© in this web service Cambridge University Press

Acknowledgements

This book has been more than ten years in the making. It began with a year's postdoctoral fellowship at the Department of the History of Science at Harvard in 2009–10. The research I did that year at the Countway Library of Medicine in Boston was foundational for what became a much broader and international archival search.

For feedback on work in progress, thanks to the history department at the University of Saskatchewan, and Rob Englebert in particular; the attendees of the European Social Science History Conference at Belfast in 2018, on a panel organized by Pilar Leòn Sanz; the participants of the Society for the Social History of Medicine conference in Liverpool, 2018, and especially my co-presenters, Leticia Fernández-Fontecha Rumeu, Dolorès Martin Moruno and Gian Marco Vidor; Will Abberley and the participants of the Emotional Knowledge workshop at the University of Sussex, 2018; the research seminar of the Department of Social Studies of Medicine at McGill, and David Wright, Margaret Lock, Thomas Schlich and George Weisz, in particular, for their insightful questions (George Weisz and Thomas Schlich are owed extra gratitude for their material help in getting this project off the ground in the first place); the Explorations in the Medical Humanities workshop at Columbia University, 2019, particularly the organizers Arden Hegele and Rishi Goyal, and also Thomas Dodman, who provided commentary; the participants of the Canadian Society for the History of Medicine congress in Vancouver, 2019, and my co-presenter on that occasion, Cynthia Tang; and the participants of the Northeast Conference on British Studies in Montreal, 2019.

Invaluable institutional and administrative support has come from Thomas Weitner and Andrea Ladányi in Berlin, who have relieved me of enormous headaches in the process of repeatedly working across international borders. The book would have been impossible without the trust given and freedom afforded by Martin Lücke in Berlin. I reserve special mention for the long-term help and support of Christina Becher, sadly lost to us.

ix

CAMBRIDGE

Cambridge University Press 978-1-108-49009-2 — Humane Professions Rob Boddice Frontmatter <u>More Information</u>

x Acknowledgements

Rine Veith provided an essential piece of the research puzzle from the National Archives in London, as did Mike Esbester from the Bodleian Library in Oxford. To them and to Tom Rosenbaum, Lee Hiltzik (Rockefeller Archive Center) and Stephen Novak (Columbia), many thanks. Mary Yearl and Bozena Latincic at the Osler Library in Montreal greatly facilitated the core contextual work, as part of the curation of the exhibition 'Experiment, Experience, Expertise', which was first blighted by a fire at the Osler Library and was latterly blighted by COVID-19. With any luck, the exhibition will actually take place in 2021. Jan Casper helped enormously to sort and make sense of German primary materials. Elsbeth Heaman wondered aloud what I would make of the MRC, thus alerting me to the fact that I should indeed make something of the MRC. Greg Fisher and Paola Russo provided warmth, sympathy and nourishment, both culinary and human. Inge Rumler Olsen and Gerald W. Olsen provided essential support, making both living and working possible when it otherwise would not be.

The project was funded by the European Union's Horizon 2020 research and innovation programme under the Marie Sklodowska-Curie grant agreement no. 742470 and was completed at the Department of Social Studies of Medicine, McGill University; the Department of History and Cultural Studies, Freie Universität Berlin; and the Academy of Finland Centre of Excellence in the History of Experiences, Tampere University.

Chapter 2 employs material (largely revised, excerpted and expanded) from 'German Methods, English Morals: Physiological Networks and the Question of Callousness, c. 1870–1881', in *Anglo-German Scholarly Networks in the Long Nineteenth Century*, ed. Heather Ellis and Ulrike Kirchberger (Leiden: Brill, 2014). Re-used with permission.

The book is dedicated to Wolfgang Behringer, who set me on a path between 2001 and 2003 that was defined by his intellectual curiosity, constant writing and the assumption that great things would happen. Such profound positivity is rare in academia, and I feel blessed to have been touched by his inspiration.

The work stands indebted to Tony Morris for getting the book over the start line at Cambridge University Press; to Lucy Rhymer for believing in the book's promise; to Liz Friend-Smith for reaching out to me in Belfast and for putting the proposal in Lucy's hands; and to Stephanie Olsen for sharing every minute of the writing process, as she has with every other book. And finally, a big thank-you to Sébastien, for endless cheer between winter lands, whether in lockdown or at 35,000 feet.