

# Contents

---

*Acknowledgments* ix

## **Introduction and Theory**

Introduction: Seeking a Better Conversation 5

PAUL BRAMADAT

1 Crises of Trust and Truth: Religion, Culture, and Vaccine  
Hesitancy in Canada 16

PAUL BRAMADAT

2 Vaccine Hesitancy: Ethical Considerations from  
Multiple Perspectives 56

KIERAN C. O'DOHERTY, CHRISTINE SMITH,  
AND C. MEGHAN MCMURTRY

3 The Role of Risk Perception in Vaccine Hesitancy  
and the Challenge of Communication 80

CONRAD G. BRUNK

## **History**

4 Learning from Smallpox Inoculation Refusal: Early  
Scientific Debates and the Evolution of Vaccine Refusal 111

RÉAL ROY

5 Not without Risk: The Complex History of  
Vaccine Resistance in Central Canada, 1885–1960 129

HEATHER MACDOUGALL AND LAURENCE MONNAIS

**Biomedicine, the State, and Vaccine-Hesitant/  
Rejecting Communities**

6 A Portrait of Vaccine-Hesitant Canadians 165

MARYSE GUAY, EVE DUBÉ, AND CAROLINE LABERGE

7 Vaccine Hesitancy and the Use of Complementary  
and Alternative Medicine 195

EVE DUBÉ, CHANTAL SAUVAGEAU, AND DOMINIQUE GAGNON

8 Epidemiologic Trends in Vaccine-Preventable Diseases  
and Immunization in Canada 229

JULIE A. BETTINGER AND SHANNON E. MACDONALD

9 Canada's Vaccine Safety System 261

MONIKA NAUS, BARBARA LAW, AND ALINE RINFRET

**Vaccine Politics in Clinical, Media, and Community Settings**

10 “It’s Your Body, Your Decision”: An Anthropological  
Exploration of HPV Vaccine Hesitancy 293

JENNAFER ROBERTS AND LISA M. MITCHELL

11 Approaching Vaccine-Hesitant Parents:  
A Clinician’s Perspective 321

FRANÇOIS D. BOUCHER

12 The Roots of Vaccine Hesitancy 342

ANDRÉ PICARD

13 Public Health and Personal Heuristics 348

NONI E. MACDONALD

**Conclusion**

**14 Continuing the Conversation 355**

PAUL BRAMADAT, JULIE A. BETTINGER, AND MARYSE GUAY

*Appendix 365*

*Contributors 377*

*Index 385*

*This page intentionally left blank*