## Acknowledgements

While writing is a solitary affair, creating a book rarely is. For this long-term project, which stretched over three research grants, thanking everyone involved is one of the more pleasant activities of the last stage of getting the book to press, revisiting the various stages, faces, exchanges, and travels with a deep sense of gratitude.

I begin by gratefully acknowledging the grants that made the research and writing of this book possible in the first place. The Deutsche Forschungsgesellschaft (DFG) funded the main bulk of the research through an "Eigene Stelle" (2011-2015, project GE 2235/1-2) at the Institute for Asian and African Studies at Humboldt University, Berlin. The Austrian Science Fund (FWF) supported me during a Lise-Meitner senior post doc project on Tibetan precious pills (2015-2018, project M1870) and my current FWFproject on potent substances in Tibetan medical and Buddhist ritual practices (2018-2022, project 30804) at the Department of South Asian, Tibetan, and Buddhist Studies, University of Vienna. Throughout these projects, I developed new ideas and publications, broadened the scope of the book, and completed the research and writing of the chapters. I thank Prof. Dr. Toni Huber in Berlin and Prof. Dr. Klaus-Dieter Mathes in Vienna for their institutional support and guidance. Additionally, a generous fellowship by the Centro Incontri Umani, in the summer of 2015, allowed for quiet writing time and feedback from fellows-in-residence in Ascona, Switzerland.

While my training is mainly in medical and social anthropology, this book demanded an interdisciplinary approach, venturing into the history of the use of mercury in India and Tibet as well as understanding its modern chemistry and governmental regulations. In this I benefited greatly from talks with Michael Widhalm (Institute of Organic Chemistry, University of Vienna), Alexandra and Herbert Schwabl (PADMA AG, Switzerland), the biological chemist Anthony Butler (University of St. Andrews), the chemist Shiam Sharma in India, and historian of science Daniel Trambaiolo (University of Hong Kong). Trambaiolo read and commented on a full book draft and answered many questions along the way.

For the history sections I am indebted to Tashi Tsering Josayma, director of the Amnye Machen Institute, Dharamsala, India. I benefitted greatly from his having collated and published the *Collected Works on Mercury Formulations* in 1986 (see Appendix D). He liberally shared his expertise, time, and textual resources on the history of *tsotel* over many visits to Dharamsala.

This book would not exist without the many Tibetan physicians who generously shared their personal views, memoirs, experience, and knowledge over the years. For their voices to emerge from this book matters most, and I dedicate this book to them and the lineage holders of their medical traditions.

In Dharamsala, I am very grateful to the Men-Tsee-Khang (MTK) director Tashi Tsering Phuri, for several discussions on mercury, his kind permission to provide old photographs of the 1982 *tsotel* event from the MTK archive, access to the MTK library (thanks to the always helpful librarian Migmar), and to grant follow-up interviews with Tibetan physicians. I am also thankful to Dr. Dawa, who was MTK director in 2009 when the second *tsotel* study took place, for his permission to interview the research team, whom I also thank for their cooperation. Special thanks go to the lead researcher of the *tsotel* studies, Sarah Sallon.

I thank all the MTK-trained physicians, who since my early visits to Dharamsala in 2008, have been supportive of my research in so many ways. I am specifically grateful to (the late) Pema Dorjee, Dawa Dolma, Tenzin Thaye, Tsewang Tamdin, Pasang Yonten Arya, Jamyang Tashi, Choelothar, Penpa Tsering, Sonam Dolma, Epa Sonam Rinchen, Namgyal Qusar, Tsering Thakchoe Drungtso, Ngawang Soepa, Yeshe Gelek, Tokmey Paljor, Tsering Norbu, Rigzin Sangmo, Tenzin Lhundup, Wangdue, Jamyang Dolma, Pempa, Tenzin Namdul, Kelsang Dhonden, Namdul Lhamo, Choying Pema Dorjee, and all the other amchi who might not appear by name in this book (but in my other related publications) and whose informal conversations inspired my research throughout. Special thanks go to Tenzin Thaye and Penpa Tsering for reading and offering corrections to several draft sections, and to Kelsang Dhonden for showing me the processing of roasted cinnabar at his private pharmacy. Some of the MTK-trained Tibetan physicians have settled in New York, where I went to interview Namgyal Tsering and Dawa Ridrak; I thank them for sharing their time and answering my questions. I also thank Kunchog Tseten of Amdo for discussions, and Namoyal Lhamo Taklha for her email conversation.

In Sarnath, at the Central Institute of Higher Tibetan Studies, previously CUTS (Central University of Tibetan Studies), I am very grateful to Gen Rinpoche Rakdo Lobsang Tenzin, Dorje Damdul, and Zamyou Penpa Tsering and their students for interviews and interesting discussions. Gen Rinpoche and Zamyou Penpa Tsering were always open to answer my follow-up questions by email and reading and correcting draft sections.

I also thank the amchi trained by Sampel Norbu Trogawa Rinpoche (1932–2005) at the Chagpori Tibetan Medical Institute (CTMI) in Darjeeling, especially the CTMI director Teinlay Palsang Trogawa, as well as Sherab Tenzin and Ngawang Thinle, whom I interviewed in Kathmandu. In Nepal, I also thank all the amchi who attended the one-week Sowa Rigpa workshop in Kathmandu in December 2011 (and my organizing colleagues Calum Blaikie, Sienna Craig, and Theresia Hofer). Discussing mercury was high on the agenda, and I am especially grateful to Gen Gojo Wangdu from Lhasa, Tsultrim Gyatso, Amchi Nyima Sampel and the students of the Bonpo medical school in Dhorpatan, Kathmandu, as well as the other amchi from Tibet, Mustang, Dolpo, and Ladakh. I thank Amchi Wangchuk

Lama in Kathmandu for additional conversations and Katharina Ortner and Jan van der Valk for following up on my earlier interviews with him.

In Dharamsala, I researched the history of family lineage traditions of mercury practices. I am grateful to the late Dr. Yeshi Dhonden, Chöphel Kalsang, Lobsang Tenzin, and Kelsang Dhonden, as well as the family and physicians of Ama Lobsang Dolma's Khangkar clinic in McLeod Ganj (especially Norbu Chöpel, Pasang Gyelmo Khangkar, and her husband Tenzin Dargyas). Amchi Tashi Yangpel Tashigang in Delhi and Amchi Lama Rigzin and Amchi Nawang in Nee, Ladakh, were greatly helpful in reconstructing some of the historical *tsotel* events.

Tibetan medical texts have numerous technical terms and pose continuous translation challenges. I thank Shedup Tenzin (Dept. of Indo-Tibetan Studies, Visva-Bharati University, Santiniketan) for his help, the translator Tenzin Demey in Dharamsala for translating sections from the video recording of the Kathmandu workshop and assistance with complicated text passages, and Tenzin Choezom Khortsa in Kathmandu and Katrin Jäger in Kassel, Germany, for translations and editorial support.

Ayurvedic practitioners opened my eyes to the practical aspects of distilling mercury from cinnabar rock. Vaidya Balendu Prakash in Dehradun was exceptional with his hospitality and openness to share his mercury processing techniques. I am also very grateful to Anand Chaudhary, head of the Department of Ayurvedic Pharmaceutics (Rasa Shastra & Bhaishajya Kalpana) at Banaras Hindu University (BHU), and his colleagues and students for inspiring discussions. I also thank Dagmar Wujastyk for stimulating talks on Indian alchemy and her repeated feedback, especially on Sanskrit related sections, and for the enjoyable collaboration in co-organising workshops and conference panels on the topic over the years. And thanks to Andrew Mason for fascinating conversations on the alchemy of mercury and Ayurveda while walking the streets of Brighton, and in Vienna.

Further, thanks go to Robert Mayer for insightful discussions on Buddhist taming issues. Thanks go as well to Vincanne Adams, Sienna Craig, and Diana Lange for discussions and suggestions, especially on how to navigate the complex world of publishing. Thanks also to Jürgen Aschoff, Michael Balk, Madhulika Banerjee, Cathy Cantwell, Mingji Cuomu, Eric Jacobson, Brenda Li, Harilal Madhavan, Katharina Sabernig, Mona Schrempf, Anna Sehnalova, and Markus Viehbeck for the help they gave along the way.

Receiving critical feedback from academic colleagues and friends during the process of writing is invaluable, and in the following I collectively thank my colleagues who read through various draft chapters or sections at different stages in the process of writing this book. This work has benefitted considerably from their suggestions, and all remaining errors are my own. I am grateful to Vincanne Adams, Calum Blaikie, Olaf Czaja, Theresia Hofer, Stephan Kloos, Dylan Lott, William McGrath, Tenzin Namdul, Florian Ploberger, Herbert and Alexandra Schwabl, Susanne Strässle, Daniel Trambaiolo, Dagmar Wujastyk, and my current project collaborator Jan van der Valk. Special thanks also go to Tawni Tidwell, who commented on

the entire manuscript. I treasure that Tawni Tidwell, a biological anthropologist and qualified amchi herself, also shared many of her insights from working with amchi on the Tibetan plateau, which was outside my research area. Our discussions have always been enriching and have made me realize the broadness and variety of the Sowa Rigpa traditions across different geographical regions, as well as the mountain of research that still needs to be done, for which this book lays some of the groundwork.

Not all results of this long-term research are included in this book. Numerous details found their way into separately published papers, book chapters, and conference presentations. I acknowledge the valuable feedback I received at the numerous guest lectures I gave on the topic. Here, special thanks go to Robbie Barnett (University of Columbia), Nadine Beckmann (University of Roehampton London), Daniel Berounský and Anna Sehnalova (Charles University, Prague), Cathy Cantwell and Carmen Meinert (Ruhr Universität Bochum), Elisabeth Hsu and Ulrike Roesler (University of Oxford), Stephan Kloos and Calum Blaikie (Austrian Academy of Sciences), Leonard van der Kuijp (Harvard University), Benedetta Lomi (SOAS), Geoffrey Samuel (Cardiff University), and others.

Extra thanks to the two anonymous reviewers and the editorial team of the Heidelberg University Publishing series on Transculturality at Heidelberg University, who with great patience saw this book to press.

Books get partially written at home, and partners are often the closest witnesses of the struggles and joys entailed. For partners of anthropologists, fieldwork adds another layer of adventure. First, I am grateful to my family in Germany for putting up with my long absences. Most of all, I am enormously thankful to my husband Thomas K. Shor, a writer and photographer, for joining me on many bumpy jeep rides on dusty roads in India and Nepal, being by my side through phases of enthusiasm and doubts when developing analytical ideas from messy field notes, sharing deep writing retreats in various places of this world, and reading what I write with a critical, loving eye. May there be many more journeys ahead.