

## Acknowledgement

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This book derives from my doctoral thesis, which I successfully defended at Humboldt-Universität zu Berlin in the summer of 2023. It represents the culmination of extensive contemplation on how ideas originate and evolve through emotions and experience, particularly within biomedical technologies. It posits that ideas and their later materialisation are an expression of what one feels and cares about (as a result of individual experience), be it oneself, the environment, or the future and that this is a relationship that takes place in mutual dependence, whether in the context of biomedical technologies or beyond, as I realised. The book's cover serves as an interpretation of this: it depicts multiple hands, symbolising the diverse individuals who contribute and influence the developmental process through their standards.

Moreover, this book is not only the result of interdisciplinary studies across various disciplines of the humanities and social sciences under the guidance of exceptional mentors but also of years of contemplation and exploration within the field of technology development. This book is situated within the realm of Science and Technology Studies and contributes to both. In the realm of Science Studies, this book examines the interplay of different disciplines and their inherent norms and beliefs in the act of fabrication. Like eminent scholars preceding me, I illustrate that researchers are not impartial agents but rather influenced by the established structures in which they operate. Simultaneously, this book contributes to Technology Studies by examining the genesis of ideas as prototypes within the context of their conception and the surrounding world and structures, such as incubators, into which these ideas are born.

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