

## ACKNOWLEDGEMENTS

First of all, I would like to thank Prof. Dr. Dieter Naumann for giving me the opportunity to work in such an exciting scientific field and environment (i.e. the Robert Koch-Institute ☺). I am also grateful to Prof. Dr. Gust for reviewing my thesis. Many thanks to the whole “Naumann group” for making my time at the RKI as enjoyable as work can be. Peter Lasch has always been helpful and his expertise provided me with huge amounts of important information. Furthermore, I enjoyed the daily trips to the nearby “TFH Mensa”, since I have always been an awful cook and will probably always be. I am glad to have had such great office and group mates as I had in Maren Stämmler, Anh Ngo Thi, Sashko Spassov, Fabian Sokolowski, Enrico Siegbrecht and Ramona Famulla.

Michael Beekes, my „unofficial vice boss“, kindly provided me with the animals and gave me access to the best equipped, cleanest, ultra-modern lab I have ever seen. I am very, very thankful to Dominique Krüger, Marion Joncic and Kristin Krampf for all their help and support, not only in the animal facility. Furthermore I would like to thank Achim Thomzig, Jessica Mai, Karin Lemmer and Christine Kratzel from P24.

Last but not least for the people from the RKI I am deeply grateful to Frau Sim-Brandenburg who helped me with cultivating the virus. It is still a miracle to me how I managed to never cultivate anything else in the flasks than fibroblasts!

I’d like to thank Dr. Dieter Wolff and his staff from the “Bundesinstitut für Risikobewertung”, extremely friendly people, who helped me with the virus experiment, provided me with the cute little baby hamsters and who took really good care of them! Thank you guys very much!!

At the NSLS in Upton, NY, I would like to thank my tutor Dr. Lisa Miller for all her fruitful discussions, mental support and motivation over the last years! I also want to thank my group members Andreana Leskovjan, Qi Wang, Meghan Ruppel, Anne Schirmer, Randy Smith, Imke Bodendiek, Hui Zhong and Tony Lanzirotti from X26a.

I need to mention that I am glad to know great people like Moritz Lenzner, who accompanied me for so many years and Kevin H. Stone, who made me feel at home, even though it’s far away!

Last but definitely not least, I am grateful to my family, my parents and siblings in particular, who always supported me and which I really miss here, far away from home!!

