

## 8. Acknowledgements

I am indebted to Prof. Dr. Turgay for supervision throughout the last 3,5 years. Kürsad, I thank you for all the support and encouragement, but also freedom and last but not least patience with me. I highly appreciate to got the opportunity to work several times 'abroad' in the labs of our cooperation partners and to attend a number of excellent conferences.

I would like to thank Prof. Dr. R. Hengge for accepting to review my thesis and her and her lab members for sharing facilities and equipment.

I want to thank Ilka Slosarek for technical assistance and Noël Moliere for taking over the projects.

I thank all my former Heidelberg colleagues at the ZMBH for a great time at the start of my PhD: Bernd, for the warm welcome whenever I went 'back' for some experiments. Axel, for the continuous cooperation, discussion and encouragement, and the whole Bukau lab, but especially Axel, David, Ronny, Rainer and Holschi for a fabulous time, and Holschi in particular for his generous hospitality in Heidelberg and the constant paper-supply.

I want to thank all cooperation partners, especially:

Tim Clausen (IMP Vienna) and his group for the introduction to the structural and biophysical view on ClpC and three very intense weeks in Vienna.

Hauke Lilie (Universität Halle-Wittenberg) for introducing me to the spectroscopic techniques and Miroslav Malesevic (MPRU for enzymology of protein folding, Halle) for his assistance in the synthesis of peptide libraries.

I thank Leendert Hamoen and Jeff Errington (ICAMB, University of Newcastle, UK) for hosting me in their lab. Leendert, thanks for all your effort exploring the countryside with me, the really entertaining discussions and finally bets and for organizing the Friday venue.

I would also like to thank Dave Dubnau and Jeanette Hahn (PHRI, Newark, US) who I already met as undergraduate student. I want to thank both of them for the continuous encouragement and interest in my ongoing work. It was always a pleasure to discuss and develop ideas together.

My special thanks to all those (if not already listed above) who cheered me up, encouraged me, although most time far away: Jan S., Falk, Frank, Suse, Karo, Philipp, Ilja, Dunja, Jan PF., Sven, Fredrik, Anita, Thomas, Christian, the whole Fenham community in Newcastle and of course Jonathan and Charlie, who made it now into the thesis!