

Acknowledgment

Time is passing by without trace. Only age will remember the life in this green rainy forest in Berlin, in the corner of Dahlem, the cradle of science for the pioneers and tiny persons.

Late 2002, a little girl gave me an interview at dusk on the first floor of Turm IV in Max-Planck-Institut für Molekulare Genetik. Fortune's wheel changed from that time on. She introduced me to the Nierhaus family and helped me out during the beginning difficult period. Yoshika Teraoka, I'd like to thank you deeply from myheart.

Through these years, I've got enormous help from Viter Marquez, who taught me most of the methods; Witold Szaflarski for the generous and honest material offers; Uwe Vogel, Edda Einfeld and Detlev Kamp for the kindly technical support. Without the inspiring discussions with Daniel Wilson, Madina Isakova and Oliver Vesper, my projects couldn't go such forward. Enzo Russo is always a good friend there for discussing life. Gabi Edda is the sweetest secretary. Jörg, Renate, Klaus and Uschi are warm-hearted colleagues always with helping hands. Paola and Richard are not only mild neighbour bosses but also advisable friends.

For the LepA project, I really appreciate your help: Daniel, Oliver, Uwe and Paola. Sean and Prof. Christian Spahn are the most reliable friends for the cooperation of structural analysis. For the EF-P project, I've learned so much from Dr. Kyoko Hanawa-Suetsugu (Riken, Japan). For the L7/L12 project, I've got great material support from Prof. Toshio Uchiumi (Niigata University, Japan). Special thanks goes to Dr. Norbert Polacek for his important help in the rRNA modification assays and to Dr. Eike Staub for his straightforward help in the bioinformatic analysis of LepA.

Thousand days passed by, everyday I've learned so much from you: Knud. Thank you from the bottom of my heart! Remember when I joined you, I could hardly tell what a ribosome is. Daily tireless teaching, weekly intensive treatment of literature understanding and endless help with work and life, only makes me feel that I'm in a big warm family. What made me so grateful is that even when you were in so hard time with your hand operation, you still managed to finish writing the paper within such a short time. This kind of things is countless. I can only say, THANK YOU, Knud!

Tianyu, my dear husband, I can not go so far without you. Father, mother, I do everything for you for ever.

Berlin, a legend for spring!