

ACKNOWLEDGEMENT

First of all, I would like to thank to my supervisor Pernille Rorth, for giving me the opportunity to work in her lab for almost four years. She helped me to solve not only scientific, but also personal problems. I really learned a lot from you Pernille!

I have to mention other members of the lab too. Stephanie Altin, Peter Duchek, Gemma Texeira, Sonja, Katalin! I really enjoyed working with you guys!

I should also mention the "girls" in Szeged. I thank Virágh Erika, Velkeyné Krausz Ilkó, Kopp Mária for your friendship and support.

To my Mom!

I thank my previous and also current supervisor Kiss István for his help. I learned the basics from him.

My family stood behind me during all these years. Without their help I couldn't have done it, so I thank to my Mom, and my brother Tamás for everything.

Last, but not least I should mention Pédi Róbert. I thank him for his patience, and also for the help during the final steps of this work.

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