Dear Reader,
As it is likely that you skipped the last 300 pages and came straight to this chapter, I will try my best to be as complete as possible in thanking all the people that have contributed to my succeeding in finishing this thesis—scientifically or otherwise.

Dear Marco. I will be forever grateful for the position in your group and for the scientific success resulting from it. You are an exceptional supervisor and I couldn’t have wished for anything more than what I experienced here. Your constantly calm and positive attitude, your flexible approach in granting guidance or vast independence as required, your constant availability in person and by mail, your humor, honesty, tolerance, fairness, support and trust will always be an inspiration for me. You are a role model as scientist, group leader and person and I hope that you always keep your spirit, and wish you success and good health for your future. Thanks also to Marleen, Niek and Laura for being lovely hosts at group dinners.

Dear Andrea. You have been a mentor and inspiration during these four years. It was such a pleasure to work with you and I very much appreciate your swift manuscript corrections, the visionary scientific conversations and the positive attitude both related and unrelated to science. Thank you for always making us think both ahead and bigger and for your continuing support.

Dear Dick. Even if you are not aware of it, you had a lasting impact on me. Your knowledge, honesty, genuineness and critical thinking were truly inspiring. Thank you also for promoting my work on conferences and for arranging meetings with visitors.

Dear Prof Reetz and Dr. Guangyue Li. It has been an honor and a pleasure to collaborate with you; thank you for this opportunity.

Dear collaborators in Graz, Margit, Bianca, Claudia, Anna. Thanks for your efforts and for making the P450 chapter a publishable story. Margit, Ich bin dir sehr dankbar für den professionellen Austausch und deine Korrekturen.

Dear members of my reading committee, Profs. Scrutton, van Berkel and Poelarends. Although we had little or no contact during my PhD, I value your inspirational research and am highly grateful for your time and the helpful corrections.

Dear Elvira. If I would list all the things that I want to thank you for, it would add another couple of pages. I restrict it to thanking you for your friendship first, which was so strong that it was completely unharmed by the many disagreements and fights we had and for which I take responsibility to a large part. Thank you for being forgiving and never resentful, for being serious when required and funny when not, for giving 100% at work and 100% at parties, for always seeing the good side and never giving
up. Thank you also for the combined success in establishing the highly productive “silent office” and having been an ideal colleague in general—always helping out and never letting your mood out on others.

Dear Nikola, my paranymph. Thank you for being a true and unconditional friend. It was great to know that I could always count on you, both outside and inside the lab. Thanks for being always close but for giving me space when I needed it. You are an exceptional character and I'm highly grateful for your ensuring that in four years it never got boring in Groningen. I'm very happy that you showed me the fantastic Balkan; I will forever cherish the exciting adventures we shared and hope more are to come. Thanks also for helping me with the AKTA, for the many tips and tricks in the lab, and for being an inexhaustible source of (science) trivia.

Dear Misun, my paranymph. Our friendship took some time to grow, but now it is all the more strong. Thank you for all the fun and your commitment to this brilliant social group. I hope you forgive me throwing beer at you. You also get the credit for launching our band, which developed into the favorite hobby I ever picked up and Wednesday a day to look forward to. Being at Martin and your wedding in Korea is ranking high on the list of the best things I did in these four years, thanks to you both for that.

Dear Ilia. I don’t know how I managed to become such good friends with you, but it makes me incredibly happy. There is something in the reliability of our interactions that seems to greatly satisfy my German mind. Borrels, band practice and basketball is only half the fun without you, and whenever we have a conversation I can be sure it’s neither superficial nor boring. Thanks for your intellect and compassion and for being forgiving when I have one of my outbursts. You and Kiki are wonderful and I will do my best to manage a visit in Greece eventually.

Dear Eli. I was so happy when you came and so sad when you left. In between, I had a great time being your friend. In hindsight I even miss the noise in the corridor and the many “UH?!“s. I’m glad that we keep the contact and hope to see you and your wonderful little family more often. Thanks Malcolm and Aki for being wonderful hosts.

Dear Simone. Thank you for the funny and/or deep conversations over the years. Thanks for taking care of me in Pavia and teaching me crystallography. Never give up and keep going your path, and your dreams will become true.

Dear Friso. I am glad to have shared this path with you. From the moment I met you, I knew that this was gonna work out. Thanks for being a great colleague and a Rock hero companion.

Dear Hemant. I will always miss your joyfulness and your smile. Thank you for all the fun times we had together and for making me your paranymph—it’s been a big honor.

Dear Marzena, also with you it has been an honor to stand at your side at the defense, and I’m grateful for the many laughs and interesting conversations we had.

Dear Mathias. It was both great to have you as a visitor here and to see you and Judith in Graz. I very much enjoyed to talk German without having to hide the southern accent.

Dear Cate. OK. Thanks for the positive energy wherever you are, and for trying to speak a little less loud in the many discussions with your students in the office.

Dear Matt. Likewise thanks for making me your paranymph and for the friendship, parties in the car, and the boys nights during our time together. I wish you success in
the peptone business and the marriage with your lovely wife. Raquel, cuidale bien hasta que nos veamos otra vez todos.

Dear Alex. You’re a crazy Italian and I’m very happy to have gotten to know you. Though I don’t agree with most of your theories, it’s been highly entertaining to hear them.

Dear Milos. It’s been great to have you around, both as a friend and as a chemistry teacher. You, Jasna and Sophia are a great team, and I’m happy I got to know you. Thanks for being always helpful and encouraging in learning some chemistry.

Dear Ale. Despite your frequent and disappointing absence, I can’t help but love you. I’m a bit sad that we didn’t fully exploit the potential for a great friendship, and if it is because you can’t stand my criticism then I’m very sorry. I’m grateful to have met Mel and you and that you showed us some awesome dance moves.

Dear Mohamed. Believe it or not, but you’re being loved. I will fondly remember our conversations and hanging out with you. I hope you’ll find happiness, be it through destiny and compatible with your chilling lifestyle or by pursuing it more proactively.

Dear Jorge. It’s a shame we didn’t have more time to get to know each other, but I’m glad for the good times we had. You are a brilliant musician, basket ball player, and—supposedly—physicist and husband, so I’m sure your future will be bright.

Dear Qinglong. Thanks for many nice conversations and introducing us to your wonderful family. I’m sorry my Chinese pronunciation is horrible.

Dear Marco and Sylvia. I’m happy for you both and glad we met and partied together.

Dear Hugo. Thanks for freeing up the best office spot in the group. I’m happy you came back and confirmed my impression of a partner in crime when it comes to high-efficiency experiments. Bedankt ook voor het corrigeren van mijn samenvatting!

Dear Hesam. Thanks for having been a wonderful colleague. I very much enjoyed our conversations in the past years and you keep impressing me with your unbroken positivity, which I hope you keep up until your recovery.

Dear Hein. It’s been great to have you as a colleague and I very much enjoyed our irregular conversations. I’m very grateful for the opportunity to participate a little bit in developing FRESCO—it’s been fantastic to push programming from a former hobby to a professional skill at the beginning of the PhD. Thanks also for showing me YASARA.

Dear Arne. Thanks for tremendously raising the bar for the image of Germans in NL. Danke auch für die kurze Hilfe im Labor und besonders für das Verbreiten von guter Laune, wann immer man dich trifft.

Dear Latin-American friends. Ezekiel, siempre recuerdo con alegría los días cuando estabas tú en Groningen. Los asados este verano eran los mejores que hacíamos aquí, y todo parecía más fácil y tranquilo en tu presencia. Espero que nos veamos en Argentina un día. María Laura, espero que te encuentre ahí también, era un placer conocerte. Sigue el buen trabajo de bioinformática y suerte con todo.

Dear chemists. For some reason it always gave me great satisfaction to work in the Physics/Chemistry building. Thanks to the borrel I met all of you (plus the plus ones and former members) and you have been an extension of the family which is my group. First of all, of course, Sambi. Thanks for staying a good friend even when we were bitching at each other. You have a big heart and I hope you someone soon is going to receive a lot of love from it. Thanks for always being honest. The same goes for Manu.
I miss the presence of your unique personality, including the entertaining outbursts. Thanks for all the parties, for providing me with nicotin when I needed it, and for hosting me in UK. **Ivana**, we had our differences for quite some time, but then I grew very fond of you. Thanks for being the perfect host in Graz and for your support in finding a future job. **Lili**, do you want a beer? Thanks for being a source of positive energy wherever you go and take care of your hopefully soon to be husband. **Francesco**, I wish you had been in the building with us. Molti dicono che the level of laughter in our breaks would have increased dramatically. Thanks to **Dowine** for being an excellent representative of the natives and same goes to **Ruben**. I’m so happy for you and **Ana**, you will make great parents with ease. **Anita**, me alegro mucho conocerte, y me hubiera gustado conocerte mas aún. Tu fuerza y carisma siempre me impresionaban mucho. **Pablo**, nadie me entiende m ás con las cosas de comer que tú. Gracias por los borrels, las fiestas e invitarnos al sur de Hollanda. I wish you, **Gerda**, and **Alaia** a joyful family life. ¡Vaya fiésta! ¿Sabes quien se va a pelear? ¡Cinco! **Lara** y **Sara**, que divertido mirar vosotras estando en vuestros mundos. Era un placer interactuar a veces. **Nathalie**, it was a short time, but I’m happy to have met you. **Yans**, I hope your hard work pays out, all the best. **Lur**, thanks for food and parties, I hope you’ll find even more joys in Groningen than you already did. **Annika**, I hope you find happiness. I know you have it in you, as those parties in the early days showed. **Linda**, I waited long for your party, but then it was great. I wish you and **Mohamed** happiness and joy together. Teach these chemists some biology and make sure to follow the promising path of the next-generation Roefles/Mayer group with **Reuben**, **Zhi**, **Roos**, **Rudy**, **Claudia** and **Titia**. To **Gerard**, thanks for letting me follow your organic chemistry lecture. To **Clemens**, vielen Dank für deine Ratschläge und die hilfreichen und interessanten Gespräche. Obwohl es gedauert hat sich an deine „spezielle Art“ zu gewöhnen, bist du eine Bereicherung in jedweder Diskussion und ich bin froh dass ich den liebenswerten Kern unter der harten Schale entdecken durfte. **Boris**, thanks for being a living reminder of the hilarious Balkan character and for the parties. **Ivana**, the same goes for you. Take good care of those plants, especially the Italian flower inside the house. **Simone** and **Cicci**, I enjoyed watching the comedy movie called your life, thanks for making me laugh many times. Viel Glück, **Nadja**! **Balint**, it was very nice to go from GC enemies to friends. Thanks also to the other past and present members of the chemistry borrel crew, **Giulia**, **Tilde**, **Juanfer**, **Mamen**, **Michele**, **Guille**, **Francesca**, **Marco**, **Juani**, **Paula**, **Roxana**, **Diego**, **Babis**, **Maria Jose**, and more for making sure that every Friday there was an interesting conversation in various languages.

Greetings also to the colleagues in the corridor who didn’t look the other way, I enjoyed the occasional chats and parties with you, **Kostas**, **Jonas**, **Varkil**, **Andreas**, **Kuba**, and **Alex**. **Nacho**, eres una fuente de sorpresas en las conversaciones, siempre me alegro hablar contigo. **Dusun**, thanks for letting us taste eternal glory at the night volleyball tournament.

Dear **Marjon** and **Selle**, “my” students. I am very grateful for your work and your patience with me. **Marjon**, I know it was tough with me, I hope you forgive my inexperience. I learned a lot with you, and I hope **Selle** you could benefit from that. I am glad our combined work resulted in a puxblication together.

Dear **Christiaan**, **Piet**, **Henriette** and **Sandra**. Thank you for your dedication to the group and making things run smoothly. Apologies especially to **Christiaan**, for my rebellious attitude towards certain rules. Thanks **Peter** for making me smile so many times.
Dear former office members. Thanks for making our office the most productive one. Dana, I enjoyed your company and your constant willingness to help. Suzan, I had a great time while you were here and I enjoyed a lot to play with your kids. Thanks to you, Robson and Karina for showing me the incredible kindness of Brazilians. Thanks also to Sam for relocating your siestas to the lab. Andrea, gracias por ser tan divertido y por tu entusiasmo en las fiestas.

Dear colleagues of the present and the past. Working in this group has been fantastic, because you all contributed in creating this vibrant social construct which to me feels like a family. My appreciations to the ones of the “founding mothers and fathers” of this family that I still met. Hanna, thanks for your help in the beginning and the nice time at borrels and in the Car. Ana, Willem and Geoffrey, thanks for your help getting acquainted to the lab and the nice coffee chats. Cyntia, me alegro conocerte y salir de fiestas en los dias antes. Igual Marcelo, y gracias también por tu ayuda al principio. Cheers to the not so new “newbies”, Jeroen, Estela, Fabiola, Elvira, Gautier, Eleonora, Brenda, Nina, Eduardo, Carlos, Nikolas, and Yiming. Pass on the torch of making our group a special place to work. Special thanks to Antonia, the pleasant evening you organized on the day of my interview convinced me that this group is great.

Dear ROBOX companions. Thanks for making the best out of this huge project and creating a lively group with lots of fun activities and great collaborations. Murray and Marie, it was nice to have you in Groningen and it’s been great to see your successes in the PhD. Cheers to Anna, Alex, Astrid, Mafalda, Jan, Mikele, Tsvetan, it's been great.

A big thank you also goes to Pavia, where I met some great people during my stay. Thanks a lot to Federico, the night at the synchrotron was brilliant and I’m still stunned by how much I learned in these 24 hours. Thanks Filippo, though you weren’t there most of that time, we kept contact throughout and it was great to write the review together. Special thanks to Thai, though you ignored me in the collegio, I enjoyed working with you and I’m happy that everytime we meet I know it won’t get boring. Thanks Valentina for helping me out in the lab and thanks to Arianna for taking me out in the night. Thanks Rúben, for your efficient production of crystal structures. Cheers also to Elisa, Biagina, Chiara, Claudia, Francesca, Simone, Simona and Stefano—all of you made a great working environment there.

A big thanks goes out to Elmar Krieger, the developer of YASARA. It has become my favorite software, not least because you are always open for user support and feature requests. After all these emails, I hope to meet and thank you one day in person.

I’d also like to thank several (sometimes unnamed) people that contribute to the nice working environment in NB4: Thanks Monique, for not scolding me too much and fixing the GC so many times. Thanks also to the really friendly guys from security, maintenance and cleaning, as well as the people at the CIT who are doing a brilliant job in both their IT support and in providing IT infrastructure. Thanks to the cantine staff, who have the thankless task of selling overpriced and horrible food, but are mostly friendly and fun. Thanks to that half of the magazijn staff that did not treat me like something they pulled out of their ear and thanks for letting me pick up primers after 1pm so many times. Most importantly, thanks so much to the past and current members of the chemische binding who came in even in their holidays to organize the amazing borrel, which is probably the single most successful measure to encourage inter-group networking, and which never ended before I wanted, as I got too hungry.
Thanks a lot to the few places in Groningen that we occupied and frequented excessively. The unnamed bartenders in the Car that took so much money from me, as well as the few friendly waiters in the places we were forced to go for dinner again and again. Thanks to the Crown crew, Osman, Miglē, and especially Ashley. You knew how much we needed those beers! A big thank you to the royal house band, Saikat, Dimitris, Erik, Hugo, Herman and Kris! If you think we spent a lot of energy jumping and shouting centimeters away from for faces and instruments, you have no idea how much energy we gained by your awesome Rock’N’Roll.

I would probably not have been able to start this PhD, if it wasn’t for my training and output during my master thesis. Lieber Jürgen, vielen Dank für diese Gelegenheit, deine Geduld mit meinen Sonderheiten und Kämpfen, und dass du aus mir—nach Vorarbeit von Niklas—einen wissenschaftlichen Molekularbiologen gemacht hast. Danke Simon, du weis(s)er Hase, dass du über die Jahre ein treuer und verlässlicher Freund geblieben bist und den Kontakt aufrechterhalten hast.

Cora, mi sol. Eso no hubiera sido posib(i)le sin ti. Tu amor, tu energía y simplemente el espíritu de tu presencia me daban tanta fuerza que todo parecía fácil. Gracias por hacer estos años, en vez de los mas estresantes, los mas felices de mi vida. Gracias por recargarme cada día, si eran qince horas en el lab o un dia caminando sin parar por Tokyo. Gracias por hacerlo tan fácil que nos acostumbrábamos a nuestros ritmos y por ahora ser un equipo perfecto. Gracias por tu inteligencia y honestidad, con que me enseñabas tantas veces que es el correcto hacer. Eres una santa, y lo sabes.

Geliebte Familie. Alles was ich bin, bin ich dank euch. Wir sagen uns immer es gäbe nichts zu danken, aber was außer Dank und Liebe kann ich euch geben? Ich hoffe ihr könnt mir die Ferne verzeihen und vergesst nie, dass ihr immer das wichtigste in meinem Leben bleiben werdet, egal wie weit weg ich bin und wie selten ihr von mir hört.

I wish each one of you—and everyone I have forgotton to specifically mention—happiness, health, success and fulfilment in life. For accompanying me on a part of mine and making these years a rollercoaster ride of joy:

Thank you!