Acknowledgments
Here we are: the end of my PhD! 4 and half years of work (and lots of fun) resulting in this thesis would have never been possible without all of you.

I miei primi ringraziamenti vanno alla mia famiglia (mamma, papa, Livio). Grazie per essermi sempre stati vicini, per avermi aiutata e consigliata in ogni momento della mia vita, ma soprattutto grazie per avermi sempre lasciata libera di fare le mie scelte sapendo di avere il vostro supporto. Grazie anche a tutti i parenti per il vostro sostegno, entusiasmo e interesse in quello che faccio.

I would like to thank my supervisors (Martha, Thomas, and Till) for guiding me in this wonderful adventure. I still remember my skype interview for this PhD position. I could not speak proper English at that time and I had never heard of chronobiology before. However, you believed in me and I will always be grateful for that. Thanks Martha for your “long-distance” supervision. Although in Munich, you have always been there to advise me, discuss data, and to suggest ideas for new experiments. Every time I visited you and your lab in Munich, I had a great time both from a scientific and from a social point of view. On top of what I have learned from you about chronobiology and research in general, I think that the best lesson you have ever taught me was to work hard and aim high (e.g. Scientific Report paper). Thanks Till for your valuable comments and feedback on experiments and studies and for your patience in solving all my Chronosapiens problems! A special thank to Thomas for guiding me during my first steps into my PhD. Your door was always open and when I heard that other PhD students needed to make appointments with their supervisors I could not believe it. I have been so privileged to have you as daily supervisor, always ready to help and teach me all I needed to know. Thanks for all the time you dedicated to me, for the endless discussions about our data, and for your enthusiasm and support.

In addition, I would like to thank Wim for introducing me to the wonderful world of R and for your enthusiasm and genuine curiosity in my data.

My paraninphs! My pink ladies! I love you and I have no words to thank you for sharing with me each single moment (good and bad but mostly awesome!) of these years. I still remember like it was yesterday the first time I met each of you. Theresa I saw you first at a journal club, but we did not talk for weeks. Vincent (thanks!!) introduced us and a beautiful friendship started. Meghan we met at a party (of course!) and the first night that the three of us hung out together you showed up with a crate of beer. I immediately knew we would have been great friends! We have literally done everything together: the lunch breaks, the awesome trips (Berlin, Vienna, Montreal, Munich, London…), the parties, the hangovers, the concerts and the festivals. My life in Groningen would have not been the same without you and your friendship. I cannot believe that our time together is over, but as much as this makes me sad I know that we will meet again and it will always be awesome. Oktoberfest here we come!
A big thank to the chronobiology group. You guys are awesome! I have learned so much during our meetings and I always appreciated how open, interested, and supportive you all were in relation to my project. I really value how you encourage and stimulate young scientists to think, discuss, and develop as independent researchers. A big thank to all professors and supervisors (Domien, Serge, Menno, Roelof, Marijke, Peter) for helping and advising me at each step of my PhD although you were not directly related to my project.

Thanks to my awesome PhD and Post Doc colleagues (Vincent, Tom, Sjaak, Moniek, Renske, Laura, Sjoerd, Emma, Margien, Jasper, Simone, Patricia)! It took some time for the Dutch to warm up, but eventually we had a great time both at and outside work. A special thank to Vincent for being first a friend and then my PhD mentor (I would have not survived the first months without you!), to Tom for being my heRo, to Sjaak for the always interesting questions and ideas, to Moniek for helping me out with the melatonin analysis and for being Moniek, and to Renske for our unforgettable Bahamas experience that started our friendship.

Thanks also to the rest of the chronobiology staff: the secretaries (Pleunie and Maria) for assisting me in the preparation of my experiments (stickers!) and to Bonnie for teaching me how to work in the lab.

Thanks to all my students (Kevin, Lars, Jorrit, Hilde, Eline, Marieke, Arjan, Lana, Nienke, Arjan, Claudia)! You were essential for the realization of all the projects that became chapters in my thesis and thank to you I learned that I love teaching and supervising (I am sorry I had to practice on you!). A special thank to Anne and Amy: half of this thesis is based on our first project together, which was so successful because of your enthusiasm!

Thanks to everyone working in the Linnaeusborg (Neeraj, Jenke, Nele, Shane (and Whitney), Jean-Christoph, Antonella)! Although we were not colleagues we shared many lunches and other nice moments together. A special thank to Nele for the most beautiful thesis cover I could wish for! Grazie Antonella per avermi ricordato quanto sia bello parlare italiano in Olanda e per le partite di pallavolo e beach volley (mani out!). Peccato esserci conosciute dopo qualche anno ma abbiamo tempo per recuperare!

Thanks to everyone in Munich (Susanne, Alex, Helmut, Astrid, Mirjam, Connie, Yao yao, Eva, Dorothee, Hanna, Joana, Sara, Bala, Tanja, David, Luisa, Lena). You have made me feel very welcome every time I visited the lab and your inputs to my work have always been very much appreciated.

Thanks to all my Erasmus friends. This awesome experience with you changed my life and taught me how much I love travelling, living abroad and meet new people with different cultures. Without you I might have never decided to do my PhD abroad. Erasmus and Gruppe 7 forever!

Nu wil ik graag in het Nederlands een paar mensen hartelijk bedanken. Dank aan alle coole huisgenoten van Schoolholm 36 (Thijs, Ben, Jorn, Julia, Jisk, Brent, Harry). Ik heb echt een mooie tijd met jullie gehad (in mijn leven nog nooit zo veel bier gedronken!). Het gaat niet alleen maar om feestjes, jullie zijn er altijd voor mij geweest, na zware dagen op het werk.
Bedankt daarvoor! “Het leven is èèn groot feest, maar je moet wel! zelf de slingers ophangen!”; dat heb ik van jullie geleerd. Met name wil ik Thijs en Julia bedanken, ik heb in jullie echt twee vrienden gevonden. Thijs, ik heb door jou Nederlands geleerd (min of meer!). Dankje! Bedankt voor alle mooie momenten samen, wij zullen elkaar weer zien, dat weet ik zeker!

Dank aan het Groningen-Almelo team (Wout, Jette, Sander en Bart). Het is altijd leuk geweest met jullie!

Dank aan mijn volleybal teams (Kroton en Lycurgus). Ik heb veel plezier met jullie gehad!

Un ultimo ringraziamento (ma sicuramente non per importanza!) a tutti i miei amici italiani. Grazie per essermi stati vicini anche da lontano! Grazie alla mitica 5A! In tutti questi anni (abbiamo festeggiato da poco il nostro decimo anniversario dalla maturità!) non mi avete mai dimenticata e mi avete sempre accolta a braccia aperte quando tornavo a casa! Grazie soprattutto alla mia bionda (Ele) e alla mia rossa (Fra) preferite! Grazie SUPA DUPA!! Avete reso gli anni universitari indimenticabili. Ormai viviamo tutti in città diverse ma l’amore per i tornei alcolici ci permette di vederci e pretendere che gli anni non stiano passando! Un grazie particolare alle mie troiottole (Fra, Jueles, Divana, Sere): senza di voi non saprei cosa fare!