

Personal information

Name Philip Plaeke
Date of Birth March 30th, 1990
Place of Birth Wilrijk, Belgium
Nationality Belgian

Education

2016 – 2021 PhD in Medical Sciences
Laboratory of Experimental Medicine and Pediatrics –
Gastroenterology Division

Dissertation: Developing experimental therapeutic strategies for impaired gastrointestinal permeability, bacterial translocation, intestinal inflammation, and adhesiogenesis during sepsis.

Promotors Professor Dr. Benedicte De Winter
Professor Dr. Guy Hubens

Co-promotors Professor Dr. Philippe Jorens
Eng. Joris De Man

2021 Master of Specialist Medicine: Surgery (Postgraduate training)

Dissertation: Performance and overview of models predicting type II diabetes remission after metabolic surgery.

Promotors Professor Dr. Guy Hubens
Co-promotors Dr. Anthony Beunis

2011-2015 Master of Medicine
Summa cum laude
Faculty of Medicine, University of Antwerp
Antwerp, Belgium

Dissertation: Early glycaemic changes in obesity after Roux-en-Y gastric bypass surgery.
Promotor Professor Dr. Guy Hubens

2008-2011 Bachelor of Medicine
Magna cum laude
Faculty of Medicine, University of Antwerp
Antwerp, Belgium

2002-2008 Latin – Science
Xaveriuscollege
Borgerhout, Antwerp, Belgium

Additional Education and Certificates

- Certificate “Clinical Electrocardiography”
Provided by the University of Antwerp, Antwerp, Belgium
2011-2012
- Certificate “International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use – Good Clinical Practice (ICH-GCP)”
Provided by the Antwerp University Hospital, Edegem, Belgium
2015 (Certificate renewed following re-evaluation in 2017 and 2019)
- Certificate “Laboratory Animal Science - FELASA type C”
Provided by the Faculty of Pharmaceutical, Biomedical and Veterinary Sciences, University of Antwerp, Antwerp, Belgium
2016-2017
- Certificate “Statistics in Medicine”
Online course provided by Stanford University, California, USA
2017
- Course “Writing Academic Papers”
Provided by the Antwerp Doctoral School, University of Antwerp, Antwerp, Belgium
2016-2017
- Online training “Da Vinci Xi surgical platform”
2016-2017
- Course “Access: basics”
Provided by the Antwerp Doctoral School, University of Antwerp, Antwerp, Belgium
2016-2017
- Certificate “Principles of Economics”
Online course provided by Stanford University, California, USA
2018
- Course “Multivariate Data Analysis”
Provided by StatUA, University of Antwerp, Antwerp, Belgium
2019
- Certificate “Basic Life Support – Full Instructor”
Completed at the University of Antwerp, Antwerp, Belgium
Provided by the European Resuscitation Council
2019

- ATLS Medical Course
Completed at the Curacao Medical Center, Curacao
2021

Surgical Training

2015-2016	Antwerp University Hospital, Antwerp (Belgium)
2016-2020	PhD University of Antwerp, Antwerp (Belgium) Obesity Clinic Antwerp University Hospital (Consultation), Antwerp (Belgium)
2020-2021	Stuivenberg Hospital, Antwerp (Belgium)
2021-2022	Curaçao Medical Center, Willemstad (Curaçao, Planned)
2022-2024	Antwerp University Hospital, Antwerp (Belgium)

Active scientific projects and interests

1. Bariatric – Metabolic surgery
 - a. Study on the influence of *Helicobacter pylori* on surgical outcomes after obesity surgery
 - b. Maintaining the bariatric surgery registry of the Antwerp University Hospital
 - c. Developing a patient-driven platform for follow-up and long-term research-data collection
 - d. Study on the bowel function after bariatric surgery
 - e. Psychiatric health after obesity surgery
2. The gastrointestinal tract and abdominal cavity during sepsis (PhD continuation)
3. Statistics
 - a. Predictive modelling
 - b. Mixed linear effects models
4. Teaching/tutoring

Publications

1. Sillen H, Van Looveren J, Plaeke P, Van Os L, Tassignon MJ. Real-time intraoperative optical coherence tomography imaging of the vitreolenticular interface during pediatric cataract surgery. *Journal of Cataract and Refractive Surgery*. 2021. DOI: 10.1097/j.jcrs.0000000000000609
2. Plaeke P, Beunis A, Ruppert M, De Man JG, De Winter BY, Hubens G. Review, Performance Comparison, and Validation of Models Predicting Type 2 Diabetes Remission After Bariatric Surgery in a Western European Population. *Obesity Surgery*. 2021; 31(4):1549-1560. DOI: 10.1007/s11695-020-05157-0.
3. Wijtvliet VPWM, Plaeke P, Abrams S, Hens N, Gielis EM, Hellemans R, Massart A, Hesselink DA, De Winter BY, Abramowicz D, Ledeganck KJ. Donor-derived cell-free DNA as a biomarker

for rejection after kidney transplantation: a systematic review and meta-analysis. *Transplant International*. 2020; 33(12):1626-1642. DOI: 10.1111/tri.13753.

4. [Plaeke P](#), Hubens G, Van Den Eede F. Importance of Heterogeneity in Bariatric Surgery Candidates-Comment on: Psychiatric Medication Use and Weight Outcomes 1 Year After Bariatric Surgery. *Psychosomatics*. 2020; 61(6):860-861. DOI: 10.1016/j.psych.2020.04.016.
5. [Plaeke P](#), De Man JG, Smet A, Malhotra S, Pintelon I, Timmermans JP, Nullens S, Jorens PG, Hubens G, De Winter BY. Effects of intestinal alkaline phosphatase on intestinal barrier function in a cecal ligation and puncture (CLP)-induced mouse model for sepsis. *Neurogastroenterology & Motility*. 2019. DOI: 10.1111/nmo.13754.
6. Madadi F, Jawad R, Mousati I, [Plaeke P](#), Hubens G. Remission of type 2 diabetes and sleeve gastrectomy in morbid obesity : a comparative systematic review and meta-analysis. *Obesity Surgery*. 2019; 29(12):4066-4076. DOI: 10.1007/s11695-019-04199-3.
7. [Plaeke P](#), De Man JG, Coenen S, Jorens PG, De Winter BY, Hubens G. Clinical- and surgery-specific risk factors for post-operative sepsis : a systematic review and meta-analysis of over 30 million patients. *Surgery Today*. 2019; DOI: 10.1007/s00595-019-01827-4.
8. Gys B, [Plaeke P](#), Lamme B, Lafullarde T, Komen N, Beunis A, Hubens G. Endoscopic gastric plication for morbid obesity : a systematic review and meta-analysis of published data over time. *Obesity Surgery*. 2019; 29(9):3021-3029. DOI: 10.1007/s11695-019-04010-3.
9. Gys B, [Plaeke P](#), Lamme B, Lafullarde T, Komen N, Beunis A, Hubens G. Heterogeneity in the definition and clinical characteristics of dumping syndrome : a review of the literature. *Obesity Surgery*. 2019; 29(6):1984-1989. DOI: 10.1007/s11695-019-03818-3.
10. [Plaeke P](#), Van Den Eede F, Gys B, Beunis A, Ruppert M, De Man J, De Winter BY, Hubens G. Postoperative continuation of antidepressant therapy is associated with reduced short-term weight loss following Rouxen-Y gastric bypass surgery. *Langenbeck's Archives of Surgery*. 2019; 404(5):621-631. DOI: 10.1007/s00423-019-01784-z.
11. Foubert K, Heylen S, [Plaeke P](#), Somville J, Nicolai P. Tibial component in total knee replacement: the effect of overhang and sizing on outcome. *Acta Orthopaedica Belgica*. 2017; 83(4):659-663.
12. Nullens S, Staessens M, Peleman C, [Plaeke P](#), Malhotra S, Francque S, De Man JG, De Winter BY. Beneficial effects of anti-interleukin-6 antibodies on impaired gastrointestinal motility, inflammation and increased colonic permeability in a murine model of sepsis are most pronounced when administered in a preventive setup. *PLoS ONE*. 2016; 11(4):e0152914. DOI: 10.1371/journal.pone.0152914.
13. [Plaeke P](#), Ruppert M, Hubens G. Benefits of prophylactic proton pump inhibitors after Rouxen-y gastric bypass surgery : a retrospective study. *Acta Chirurgica Belgica*. 2015; 115(4):273-278. DOI: 10.1080/00015458.2015.11681111.

Publications in preparation/submitted

1. Plaeke P, De Man JG, Smet A, De Meester I, Augustyns K, Jorens PG, Hubens G, De Winter BY. Prevention of intraperitoneal adhesion formation with proteases and protease inhibitors – a systematic review of experimental *in-vivo* animal studies and clinical studies.
2. Plaeke P, De Man JG, Smet A, Nullens S, Jorens PG, Hubens G, De Winter BY. The role and therapeutic application of intestinal alkaline phosphatase in sepsis: a narrative review.
3. Plaeke P, De Man JG, Smet A, Jorens PG, Hubens G, De Winter BY. Preventive administration of Gelatin Tannate in a caecal ligation and puncture model does not protect the intestinal barrier and significantly increases mortality.
4. Plaeke P, Hong GS, De Man JG, Smet A, De Meester I, Augustyns K, Jorens PG, Wehner S, Hubens G, De Winter BY. Prevention of intraperitoneal adhesiogenesis by administration of protease inhibitors in two animal models for adhesions.
5. Plaeke P, De Man JG, Smet A, De Meester I, Augustyns K, Jorens PG, Hubens G, De Winter BY. Modulation of intestinal permeability and inflammation with Nafamostat Mesylate and UAMC-00050, two broad-spectrum serine protease inhibitors.
6. Plaeke P, Smet A, Beunis A, Ruppert M, De Man JG, De Winter BY, Hubens G. Impact of *Helicobacter pylori* after bariatric surgery – an underestimated concern (Review).
7. Plaeke P, Smet A, Beunis A, Ruppert M, De Man JG, De Winter BY, Hubens G. Influence of *Helicobacter pylori* colonization in bariatric surgery candidates on postoperative weight loss and metabolic outcomes.

Abstracts and Conference Presentations

1. Merckx N, Claes L, De Venter M, Plaeke P, De Backer E, Ruppert M, Hubens G, Van Den Eede F. The SCL-90-R as a predictor of weight loss following Roux-en-Y gastric bypass? Conference of the European Association of Psychosomatic Medicine (EAPM), June 2020, Vienna, Austria.
2. Wijtvliet VPWM, Plaeke P, Abrams S, Hens N, Gielis EM, Hellemans R, De Winter BY, Abramowicz D, Ledeganck KJ. The potential of donor-derived cell-free DNA as a biomarker for rejection in kidney transplantation: a systematic review and meta-analysis. 57th ERA-EDTA Congress 2020, June 2020, Milan, Italy.
3. Plaeke P, Smet A, De Man JG, Beunis A, Ruppert M, De Winter BY, Hubens G. Exhaled ¹³C during a ¹³C-urea breath test for the preoperative detection of *helicobacter pylori* is a marker for postoperative weight loss after bariatric surgery. Digestive Disease Week 2020, May 2020, Chicago, USA. Poster presentation

4. Plaeke P, De Man JG, Smet A, De Meester I, Augustyns K, Jorens PG, Hubens G, De Winter BY. Reduction of intraperitoneal adhesiogenesis by protease inhibitors in a cecal ligation and puncture model of sepsis and peritonitis. Digestive Disease Week 2020, May 2020, Chicago, USA. Oral presentation + invited speaker SSAT residents day
5. Plaeke P, De Man JG, Smet A, De Meester I, Augustyns K, Jorens PG, Hubens G, De Winter BY. Inhibition of adhesiogenesis with protease inhibitors Nafamostat Mesylate, UAMC-00050, and Enoxaparin in a murine model for sepsis and peritonitis. Belgian Week of Gastroenterology, March 2020, Antwerp, Belgium. Oral presentation.
6. Plaeke P, Smet A, De Man JG, Beunis A, Ruppert M, De Winter BY, Hubens G. Association of Helicobacter pylori with preoperative comorbidities and outcomes in bariatric surgery candidates, a retrospective study. XXXIrd Workshop of the European Helicobacter & Microbiota Study Group, September 2019, Innsbruck, Austria. Poster presentation.
7. Plaeke P, Van Den Eede F, Gys B, Beunis A, Ruppert M, De Man JG, De Winter BY, Hubens G. Association between antidepressants and reduced weight loss following bariatric surgery – a retrospective cohort study. Conference of the European Association of Psychosomatic Medicine (EAPM), June 2019, Rotterdam, The Netherlands. Poster presentation.
8. Plaeke P, De Man JG, Smet A, Jorens PG, Hubens G, De Winter BY. Nafamostat mesylate, a broad spectrum serine protease inhibitor, reduces intraperitoneal adhesion formation in a murine caecal ligation and puncture model for sepsis. Digestive Disease Week 2019, May 2019, San Diego, USA. Poster presentation.
9. De Winter BY, Plaeke P, Jorens PG, De Man JG, Hubens G, Smet A. The role of the gastrointestinal barrier in sepsis. European Histamine Research Society, May 2019, Krakow, Poland. Oral presentation.
10. Plaeke P, Breugelmans T, Smet A, De Man JG, Beunis A, Ruppert M, De Winter BY, Hubens G. Preoperative helicobacter pylori is not associated with preoperative dyslipidemia or liver steatosis in bariatric surgery candidates, but does affect weight loss during the first postoperative year. Belgian Surgical Week 2019, May 2019, Ostend, Belgium. Oral presentation.
11. Plaeke P, Vermeiren E, Breugelmans T, Smet A, De Man JG, Beunis A, Ruppert M, De Winter BY, Hubens G. Association of preoperative Helicobacter pylori status with comorbidities and outcome parameters in bariatric surgery candidates – a retrospective study. European Congress on Obesity, April 2019, Glasgow, United Kingdom. Poster presentation.
12. Van Maroey L, Van Den Bosch L, Wuyts K, Possemiers N, Plaeke P, Beckers PJM. Can Cardio-pulmonary exercise test-derived-markers predict mortality in heart transplant patients? A retrospective study. Europevent 2019, April 2019, Lisbon, Portugal. Poster presentation.
13. Van Den Bosch L, Van Maroey L, Wuyts K, Possemiers N, Plaeke P, Beckers PJM. Combined high intensity aerobic and strength training after heart transplantation has a significant favourable effect on various from cardio pulmonary exercise test derived prognostic factors.

Europevent 2019, April 2019, Lisbon, Portugal. Poster presentation.

14. Plaeke P, Gys B, Beunis A, Ruppert M, Dirinck E, De Man JG, De Winter BY, Hubens G. Prediction of type 2 diabetes remission after gastric bypass surgery: analysis of remission determinants and comparison of predictive models in a European patient cohort. 4th World Congress on Interventional Therapies for Type 2 Diabetes, April 2019, New York, USA. Poster presentation.
15. Plaeke P, De Man JG, Smet A, Jorens PG, Hubens G, De Winter BY. Effect of a broad-spectrum serine protease inhibitor on intraperitoneal adhesion formation in a murine caecal ligation and puncture model. Belgian Week of Gastroenterology, February 2019, Antwerp, Belgium. Oral presentation.
16. Madadi F, Jawad R, Mousati I, Plaeke P, Hubens G. T2DM Remission After Sleeve Gastrectomy vs Roux-en-Y Gastric Bypass: A Systematic Review and Meta-Analysis of 5 Randomized Studies. Antwerp Medical Students's Congress 2018, September 2018, Antwerp, Belgium. Oral presentation.
17. Plaeke P, De Man JG, Gys K, Lammens C, Malhotra-Kumar S, Jorens PG, Hubens G, De Winter BY. Modulation of the intestinal barrier during sepsis with a broad-spectrum serine protease inhibitor. 3rd meeting of the Federation of Neurogastroenterology and Motility 2018, August 2018, Amsterdam, The Netherlands. Poster presentation.
18. Plaeke P, De Man JG, Dua C, Hens S, Nullens S, Smet A, Malhotra S, Jorens PG, Hubens G, De Winter BY. Effects of the non-selective protease inhibitor Nafamostat Mesylate on intestinal permeability and bacterial translocation in a murine model of sepsis. Digestive Disease Week 2018, June 2018, Washington DC, USA. Poster presentation.
19. Plaeke P, Van Den Eede F, Beunis A, Ruppert M, De Man JG, De Winter BY, Hubens G. Chronic antidepressant use during the first year after gastric bypass surgery is associated with decreased long-term excess BMI loss. Belgian Surgical Week 2018, May 2018, Ostend, Belgium. Oral presentation.
20. Plaeke P, De Man JG, Jorens PG, De Winter BY, Hubens G. Sepsis after surgery: a surgery-specific meta-analysis of sepsis incidence rates. Belgian Surgical Week 2018, May 2018, Ostend, Belgium. Oral presentation.
21. Plaeke P, Stuer S, Gys B, De Man JG, Jorens PG, De Winter BY, Hubens G. A systematic literature overview of the incidence and patient-related risk factors for sepsis after bariatric surgery. Belgian Surgical Week 2018, May 2018, Ostend, Belgium. Oral presentation.
22. Plaeke P, De Man JG, Malhotra S, Jorens P, Hubens G, De Winter BY. Measuring intestinal permeability and bacterial translocation in a caecal ligation and puncture model for sepsis. Belgian Surgical Week 2018, May 2018, Ostend, Belgium. Oral presentation.
23. Plaeke P, De Man JG, Malhotra S, Nullens S, Jorens PG, Hubens G, De Winter BY. Intestinal alkaline phosphatase reduces gastrointestinal permeability and modulates the

gastrointestinal barrier in an experimental model for severe sepsis. Belgian Surgical Week 2018, May 2018, Ostend, Belgium. Oral presentation.

24. Plaeke P, De Man JG, Dua C, Hens S, Nullens S, Smet A, Malhotra S, Jorens PG, Hubens G, De Winter BY. Effects of Nafamostat Mesylate on intestinal permeability and bacterial translocation in an experimental model of sepsis. Belgian Week of Gastroenterology, February 2018, Antwerp, Belgium. Oral presentation.
25. Plaeke P, De Man JG, Smet A, Van Spaendonk H, Nullens S, Jorens PG, Hubens H, De Winter BY. Effect of Intestinal Alkaline Phosphatase on an impaired GI barrier during sepsis: Results in a CLP-induced murine model for sepsis. Autumn Meeting of the Belgian Society of Physiology and Pharmacology, October 2017, Brussels, Belgium. Poster presentation.
26. Plaeke P, De Man JG, Smet A, Van Spaendonk H, Nullens S, Jorens PG, Hubens G, De Winter BY. Intestinal Alkaline Phosphatase (IAP) enhances the gastrointestinal barrier function and modulates tight junction expression in an experimental model of polymicrobial sepsis. Sepsis 2017 Conference, September 2017, Paris, France. Poster presentation.
27. Plaeke P, De Man JG, Gys K, Lammens C, Malhotra S, Jorens PG, Hubens G, De Winter BY. Effects of intestinal alkaline phosphatase on intestinal permeability and bacterial translocation in an experimental model for sepsis. Neurogastro 2017 Meeting, August 2017, Cork, Ireland. Oral presentation.
28. Gys B, Plaeke P, Lamme B, Lafullarde T, Hubens G. Current role of continuous glucose monitoring in patients with dumping syndrome after Roux-en-y gastric bypass. IFSO World Congress XXII, August 2017, London, United Kingdom. Poster presentation.
29. Gys B, Plaeke P, Lamme B, Lafullarde T, Hubens G. Current definition of dumping syndrome: lack of consensus, misleading and out-of-date. IFSO World Congress XXII, August 2017, London, United Kingdom. Poster presentation.
30. Gys B, Plaeke P, Lamme B, Lafullarde T, Hubens G. Dumping syndrome after Roux-en-y gastric bypass: towards patient tailored guidelines. IFSO World Congress XXII, August 2017, London, United Kingdom. Poster presentation.
31. Gys B, Plaeke P, Lamme B, Lafullarde T, Hubens G. Current management of dumping syndrome after roux-en-y gastric bypass: when is surgical intervention justifiable? IFSO World Congress XXII, August 2017, London, United Kingdom. Poster presentation.
32. Plaeke P, De Man JG, Beunis A, Ruppert M, De Winter BY, Hubens G. Remission of type 2 diabetes mellitus after gastric bypass surgery, can it be predicted? Clinical validation of the DIAREM score. IFSO World Congress XXII, August 2017, London, United Kingdom. Poster presentation.
33. Van Cleef A, Plaeke P, Louarroudi M, Ruppert M, Beunis A, Hubens G. BMI as an evaluation tool for basal inflammation and influence of cofactors on this inflammatory state. Antwerp

Medical Students's Congress 2016, September 2016, Antwerp, Belgium. Poster presentation.

34. Plaeke P, Van Brandt V, Beunis A, Ruppert M, Van Den Eede F, Hubens G. Effects of depressive disorders and their therapies on the postoperative weight loss after a Roux-en-Y gastric bypass: Do they matter? European Obesity Summit, June 2016, Gothenburg, Sweden. Oral presentation.
35. Nullens S, Peleman C, Staessens M, Plaeke P, Francque SM, Lammens C, Malhotra-Kumar S, De Man JG, De Winter BY. The effect of anti-interleukin-6 antibodies on gastrointestinal motility, colonic inflammation and mucosal barrier function during in a mouse model of caecal ligation and puncture induced septic ileus. Belgian Week of Gastroenterology 2016, February 2016, Brussels, Belgium. Oral presentation.
36. Nullens S, Peleman C, Staessens M, Plaeke P, Francque SM, Lammens C, Malhotra-Kumar S, De Man JG, De Winter BY. Therapeutic and curative administration of antibodies to interleukin-6 ameliorates attenuated gastrointestinal motility, colonic inflammation and impaired mucosal barrier function in a mouse model of polymicrobial sepsis. Digestive Disease Week 2016, May 2016, San Diego, USA. Poster presentation.
37. Nullens S, Staessens M, Peleman C, Plaeke P, Francque SM, Lammens C, Malhotra-Kumar S, De Man JG, De Winter BY. Effect of gastrointestinal barrier protection on sepsis-induced changes of intestinal motility, inflammation and colonic permeability. Digestive Disease Week 2016, May 2016, San Diego, USA. Poster presentation.
38. Plaeke P, Van Brandt V, Beunis A, Ruppert M, Hubens G. The effects of psychiatric disorders and their drugs on the weight loss after Roux-en-Y Gastric Bypass Surgery: Do they matter? 4th National & 1st Mediterranean Congress for the Surgery of Obesity and Metabolic disorders, October 2015, Antalya, Turkey. Oral presentation.
39. Plaeke P, Ruppert M, Hubens G. Validation of the Diabetes Remission (DIAREM) score in a Belgian Obese population undergoing RYGB surgery. Belgian Surgical Week 2015, May 2015, Ghent, Belgium. Oral presentation.
40. Plaeke P, Hubens G. Is there a comfort zone as a surgeon in bariatric surgery? NASHKO Surgical conference, November 2021, Willemstad, Curacao. Oral Presentation.

Active Memberships

1. Member of the Society for Surgery of the Alimentary Tract (SSAT)
2. Member of the Royal Belgian Surgical Society (RBSS)
3. Member of the European Resuscitation Council (ERC)
4. Member of the American Gastroenterological Association (AGA)

Research Grants

- Research Grant of the Belgian Week of Gastroenterology, awarded at the 30th Edition of the Belgian Week of Gastroenterology, 2018, Antwerp, Belgium
- Young Investigator's Award for the best basic science research paper, awarded at the 19th Belgian Surgical week, 2018, Ostend, Belgium

Education: Guidance of master dissertations

- Cedric Dua and Sebastiaan Hens, "Een fundamentele studie naar het effect van alkalisch fosfatase en nafamostat mesylaate op de intestinale permeabiliteit in een muismodel voor sepsis". Master thesis in the Master of Medicine, University of Antwerp – Faculty of Medicine, Academic Years 2015-2018.
- Niel Merckx, "De predictieve waarde van de SCL-90-R voor gewichtsverlies na een Roux-en-Y Gastric Bypass". Postgraduate thesis Psychiatry – Faculty of Medicine, Defended in 2018.
- Rami Jawad, Ferdous Madadi, Ismail Mousati, "T2DM-remissie na sleeve gastrectomie bij morbide obesitas: een systematische review en meta-analyse". Master thesis in the Master of Medicine, University of Antwerp – Faculty of Medicine, Academic Years 2016-2019.
- Jeroen Fastenaekels, Esmé Honkoop, Ece Senok, "Studie naar de detectie en invloed van H. pylori voor en na bariatrische heelkunde". Master thesis in the Master of Medicine, University of Antwerp – Faculty of Medicine, Academic Years 2019-2022.
- Yousra Lafkih, "Het effect van obesitas op prenatale depressie". Bachelor dissertation Midwifery, Erasmus Hogeschool Brussel, Academic Year 2020-2021.
- Statistical guidance of several master dissertations and postgraduate dissertations

Education: Teaching

- Guidance of medical students during the dissections; academic years 2014, 2015, 2017, 2018, 2019, 2020
- Assistance during the training of medical students in the skills lab (2016-2021)