

CV – Prof. Dr. Sabina De Geest

1. Personal Information

Full Name: Sabina De Geest
Position: Professor of Nursing & Chair Department Public Health
Department: Public Health, Faculty of Medicine, University of Basel, Switzerland
Address: Bernoullistrasse 28, CH-4056 Basel, Switzerland
Phone: +41 61 2070951
E-mail: sabina.degeest@unibas.ch
Website: <https://nursing.unibas.ch/de/personen/sabina-m-de-geest/publikationen/>
<https://lirias.kuleuven.be/cv?u=U0005386>
ORCID: 0000-0001-6596-7237

2. Education

1996: **PhD in Social Health Sciences: Medical Social Sciences**, School of Public Health, Faculty of Medicine, KU Leuven, Leuven, Belgium
1992: **Master of Science in Medical and Social Sciences**, Clinical Nursing Track, KU Leuven, Leuven, Belgium.
Magna cum Laude

3. Employment history including current position(s)

2006 – present: *Chair* of Department Public Health, Faculty of Medicine, University of Basel, Switzerland
2000 – present: *Professor* of Nursing & Director of Institute of Nursing Science, Faculty of Medicine, University of Basel, Basel, Switzerland
1996 – present: *Professor* of Nursing (part-time)- Academic Center for Nursing and Midwifery (AccentVV), Department of Public Health and Primary Care, Faculty of Medicine, KU Leuven, Leuven, Belgium
2008 – present *Full professor* (Part-time 20%); 2005 - 2008 *Associate Professor* (Part-time 20%);
2000 – 2005 *Assistant Professor* (Part-time 20%); 1996 – 2000 *Assistant Professor* (Full time)
1991 – 1996: *Predoctoral and Research Fellow*, Health Services and Nursing Research, School of Public Health, KU Leuven, Leuven, Belgium

4. Institutional responsibilities

As the **Director of the Institute of Nursing Science (INS) at UNIBAS** I am responsible for the overall management of the INS in close collaboration with the INS leadership team. I represent the INS within UNIBAS, nationally and internationally. I also am responsible for the INS research infrastructure.

As **Chair of the Department Public Health (DPH)** I am responsible for the strategic direction of DPH in close collaboration with DPH members.

5. Currently approved research projects

INSPIRE: Implementation of an integrated community-based care program for home-dwelling senior citizens - co-principal investigator.

2019-2021: De Geest et al. Swiss National Science Foundation (407440_183427). CHF 461.266
2019-2020: Deschodt et al. Amt für Gesundheit Kanton Basel-Landschaft. CHF 275.000.
2018-2019: Deschodt et al. Amt für Gesundheit Kanton Basel-Landschaft. CHF 150.000.
2018-2020: Deschodt et al. Velux Stiftung. CHF 230.000.

Testing of an Integrated Model of Care after Allogeneic Hematopoietic Stem Cell Transplantation facilitated by eHealth Technology-SMILE – principal investigator

2019-2021: Leppla et al. Deutsche Jose-Carreras Leukämie Stiftung. Direct costs: 103.100 €
2018-2021: De Geest et al. Cancer League Switzerland. CHF 242.262.
2019-2022 : Kovács et al. Bundesministerium Bildung & Forschung (Germany). Direct costs: 564,235€.

Nurse-led care model in Swiss nursing homes: improving INTERprofessional CARE for better resident outcomes (INTER-CARE) - co-investigator

2017-2021: Zúñiga et al. Nursing Science Foundation Switzerland. Direct costs: CHF 107.587.
2017-2021: Simon et al. Swiss National Science Foundation. Smart health care NFP74 (407440_167458). CHF 837.000.

Swiss Transplant Cohort Study – co-investigator

2018-2020: Steiger et al. Swiss National Science Foundation (CH) (33CS30_177522). CHF 4.370.000.

Transitional Care Innovation in Senior Citizens (TRANS-SENIOR) – co-applicant.

2018-2022: Van Achterberg et al. H2020-MSCA-ITN-2018 (Marie Skłodowska-Curie Innovative Training Networks – European Joint Doctorates). EUR 3.384.309,96 (UNIBAS: EUR 281.276,64).

6. Supervision of junior researchers at graduate and post-graduate level

I am **primary supervisor of 3 PhD students** (i.e. Lynn Leppla, Juliane Mielke, Janette Ribaut) and **mentor 5 post doctoral fellows** (i.e. Sonja Beckmann, Oliver Mauthner, Franziska Zuniga, Mieke Deschodt, Sandra Staudacher) as well as **the 1 assistant professor** (i.e. Dunja Nicca) at the INS of UNIBAS. I am also involved in some international PhD and postdoc supervision at the KU Leuven in Belgium, the University Hospital in Groningen (NL) and Johns Hopkins University (USA).

7. Teaching activities

I teach each semester 3 courses for a **total of 8 hours in alignment with the teaching obligations of the UNIBAS**. In the Master's of Nursing Science curriculum I teach the *Advanced Nursing Practice*, the *eHealth* and the *Implementation Science* (year course) courses. At post-graduate level I am responsible for the Research Round Tables (PhD) (year course).

8. Memberships in panels, boards, etc., and individual scientific reviewing activities

2015-2019:	American Journal of Transplantation	<i>Associate Editor</i>
2007-present:	Journal of Nursing Scholarship	<i>Associate Editor</i>
2019:	<i>Co editor of special issue on implementation science.</i>	
2002-present:	BMC Nursing	<i>Member of the Editorial Board</i>
2001-present:	European Journal of Cardiovascular Nursing	<i>Member of the Editorial Board</i>
2013-present:	International Journal of Care Coordination (IJCC)	<i>Member of the Editorial Board</i>
2000-present:	Progress in Transplantation	<i>Member of the Editorial Board</i>
1996-present:	Progress in Cardiovascular Nursing	<i>Member of the Editorial Board</i>

9. Active memberships in scientific societies, academies

1992 – present:	AMERICAN HEART ASSOCIATION (AHA) <i>Member of Cardiovascular Nursing Council</i>
1997 – present:	INTERNATIONAL TRANSPLANT NURSES SOCIETY (ITNS) - <i>Member</i>
1998 – present:	INTERNATIONAL SOCIETY OF HEART AND LUNG TRANSPLANTATION (ISHLT) - <i>Member</i>
2000 – present:	SWISS NURSING ASSOCIATION <i>Member</i>
2002 – present:	EUROPEAN SOCIETY OF CARDIOLOGY (ESC) – <i>Member</i>
2002 – present:	SWISS TRANSPLANT SOCIETY - <i>Member</i>
2003 – present:	SWISS SOCIETY OF CARDIOLOGY - <i>Member</i>
2006 – present:	EUROPEAN ACADEMY OF NURSING SCIENCE (EANS) - <i>Fellow</i>
2006 – present:	AMERICAN ACADEMY OF NURSING (AAN) - <i>Fellow</i>
2007-present:	SIGMA THETA THAU, INTERNATIONAL HONOR SOCIETY (STTI)
2009 – present:	EUROPEAN SOCIETY FOR PATIENT ADHERENCE, COMPLIANCE AND PERSISTENCE (ESPACOMP) <i>Founding member, 2018 President, member of executive office</i>
2011 – present:	EUROPEAN SOCIETY OF ORGAN TRANSPLANTATION (ESOT) - <i>Member</i>
2015 – present:	BELGIAN TRANSPLANTATION SOCIETY (BTS) - <i>Member</i>
2016 – present:	SWISS SCHOOL OF PUBLIC HEALTH PLUS - <i>Fellow</i>

10. Organization of conferences (selection)

2020	1 st Conference of the Swiss Implementation Science Network
2016 – 2018:	INTERNATIONAL SOCIETY OF HEART AND LUNG TRANSPLANTATION, Member of organizing committee
2013 – 2020:	ESPACOMP - EUROPEAN SOCIETY FOR PATIENT ADHERENCE, COMPLIANCE AND PERSISTENCE - ORGANIZING COMMITTEE, Member of Scientific Committee & PRE CONFERENCE WORKSHOP IMPLEMENTATION SCIENCE
2013:	3 RD EUROPEAN SYMPOSIUM OF THE INTERNATIONAL TRANSPLANT NURSES SOCIETY (ITNS) AND 5 TH CONGRESS OF THE ITALIAN SOCIETY FOR SAFETY AND QUALITY IN TRANSPLANTATION (SISQT), FLORENCE, ITALY, Member of Scientific Committee

11. Prizes, awards, fellowships

2018 – 2019:	<i>Collen-Francqui Chair</i> , Lectures series on Implementation Science, University of Antwerp, Belgium
2016:	<i>Honorary membership</i> of European Society for Patient Adherence, Compliance and Persistence (ESPACOMP)
2010:	<i>Honorary member</i> of Swiss Nurses Association
2012:	<i>Fellow</i> of European Academy of Nursing Sciences
2008:	<i>Member</i> of Swiss Academy of Medical Sciences
2006:	<i>Fellow</i> of American Academy of Nursing, USA
2004:	<i>Honorary fellowship</i> of Royal College of Nursing, London, UK: for outstanding leadership in nursing and for pioneering research and scholarship within the university sector in Switzerland
2003:	<i>International Scholar in Residence Award</i> of School of Nursing, University of Pennsylvania, (USA)
2001:	<i>Fellow</i> of American Heart Association
2000:	<i>Fellow</i> of American Heart Association, council on cardiovascular nursing
1999:	<i>Ruth Neil Murray distinguished visiting Professor</i> School of Nursing, University of Tennessee, Memphis, USA
1998:	<i>Nurse fellowship</i> of European Society of Cardiology

12. Career breaks: None

Major scientific achievements Responsible applicant – Prof. Dr. Sabina De Geest

>300 peer-reviewed papers resulting in 26578 (google scholar), 13648 (scopus) citations
(i10-index: 232 - H index Google Scholar = 66 / Scopus 53) (status 1.7.2019)

ORCID: [0000-0001-6596-7237](https://orcid.org/0000-0001-6596-7237)

<https://nursing.unibas.ch/de/personen/sabina-m-de-geest/publikationen/>

<https://lirias.kuleuven.be/cv?u=U0005386>

The main scientific achievements are related to research revealing **psychosocial and behavioural pathways and their relation to outcomes in chronic illness**, the development and testing of instruments to assess **patient reported outcomes** and the **development, implementing and testing of innovative care models** (partially eHealth powered) to enhance clinical and economic outcomes in chronically ill. Recently we have introduced principles of ***implementation science as the driving methodology*** behind our intervention research in order to enhance the impact of our research findings in real life clinical settings.

- (1) Using sophisticated assessment methods (i.e. electronic monitoring) we showed that **non-adherence to immunosuppressive drugs resulted in both poor clinical and economic outcomes in transplant populations**.
De Geest S, Borgermans L, Gemoets H, Abraham I, Vlamincq H, Evers G, Vanrenterghem Y. Incidence, determinants, and consequences of subclinical noncompliance with immunosuppressive therapy in renal transplant recipients. *Transplantation*, 1995, 59: 340-347.;
De Geest S, Abraham I, Moons P, Vandeputte M, Van Cleemput J, Evers G, Daenen W, Vanhaecke J. Late acute rejection and subclinical noncompliance with cyclosporine-therapy in heart transplant patients. *J Heart Lung Transplant*, 1998, 17: 854-863;
Cleemput J, De Geest S, Vanrenterghem Y, Kesteloot K. The economic implications of noncompliance after renal transplantation. *Pharmacoeconomics*, 2004, 22(18):1217-1234.
- (2) We contributed to a more **valid assessment of medication adherence** (including electronic monitoring) in transplantation and we developed a number of **patient reported outcomes instruments** to assess risk factors for medication non-adherence, instruments which have been widely used in research studies (e.g. BAASIS®, MTSOSD-59R, LTMBSE)
De Geest S, Abraham I, Gemoets H, Evers G. Development of the long-term medication behaviour self-efficacy scale. Qualitative study for item development. *J Adv Nurs*, 1994, 19: 233-238;
Dobbels F, Berben L, De Geest S, Drent G, Lennerling A, Whittaker C, Kugler C and the Transplant360 Task Force. The psychometric properties and practicability of self-report instruments to identify medication non-adherence in adult transplant patients to date: a systematic review. *Transplantation*, 2010, 90(2):205-19;
Denhaerynck K, Schaefer-Keller P, Young J, Steiger J, Bock A, De Geest S. Examining assumptions regarding valid electronic monitoring of medication therapy: development of a validation framework and its application on a European sample of kidney transplant patients. *BMC Med Res Methodol*, 2008, 19:8:5;
Schäfer-Keller P, Steiger J, Bock A, Denhaerynck K, De Geest S. Diagnostic accuracy of measurement methods to assess non-adherence to immunosuppressive drugs in kidney transplant recipients. *Am J Transplant*, 2008, 8(3):616-26;
Dobbels F, Moons P, Abraham I, Larsen CP, De Geest S. Measuring symptom experience of side-effects of side-effects of immuno-suppressive drugs: the transplant symptom occurrence and symptom distress scale (MTSOSD-59R). *Transpl Int*, 2008, 21(8):764-73;
Eisenberger U, Wüthrich RP, Bock A, Ambühl P, Steiger J, Intondi A, Kuranoff S, Maier T, Green D, Dicarolo L, Feutren G, De Geest S. Medication adherence assessment: high accuracy of the new ingestible sensor system in kidney transplants. *Transplantation*, 2013, 96:245-250.
- (3) We were the first to **integrate a broad set of patient reported outcomes in a transplant cohort study (i.e. the Swiss Transplant Cohort Study (STCS))**. The STCS is a prospective nation-wide cohort study, that assesses a broad set of biomedical, genetic, psychosocial and behavioral outcomes in all solid organ transplant recipients transplanted in Switzerland since May 2008.
Koller MT, van Delden C, Müller N, Baumann P, Lovis C, Marty HP, Fehr T, Binet I, De Geest S, Meylan P, HC Bucher, Pascual M, Steiger J on behalf of all members of the Swiss Transplant Cohort Study. Design and methodology of the

Swiss Transplant Cohort Study (STCS): a comprehensive prospective nationwide long-term follow-up cohort. *Eur J Epidemiol*, 2013, 28(4):347-55;

De Geest S, Burkhalter H, Bogert L, Berben L, Glass TR, Denhaerynck K for the *Psychosocial Interest Group*, Swiss Transplant Cohort Study. Describing the evolution of medication non-adherence from pretransplant until 3 years post-transplant and determining pretransplant medication nonadherence as risk factor for post-transplant non-adherence to immunosuppressives: The Swiss Transplant Cohort Study. *Transpl Int*, 2014, 27:657-66;

Burkhalter H, Denhaerynck K, Huynh-Do U, Binet I, Hadaya K, De Geest S, *Psychosocial Interest Group*, *Swiss Transplant Cohort Study*. Change of sleep quality from pre- to 3 years postsolid organ transplantation: The Swiss Transplant Cohort Study. *PLoS One*, 2017, 12(10): e0185036.

- (4) We contributed to the better understanding of **risk factors for medication non-adherence** in solid organ transplant recipients. We introduced a **multi-level approach** to also include health care team and health care system related factors in determining risk factors for medication non-adherence and just completed data collection of a 4 continent, 11 countries, 36 heart transplant center study to test multi-level factors of medication non-adherence (the BRIGHT study; The ADHERE study).

Denhaerynck K, Berben L, Dobbels F, Russell CL, Crespo-Leiro MG, Poncelet AJ, **De Geest S** for the *BRIGHT study team*. Multilevel factors are associated with immunosuppressant nonadherence in heart transplant recipients: the international BRIGHT study. *Am J Transplant*, 2018, 18:1447–1460;

Sanders-Pinheiro H, Colugnati FAB, Marsicano EO, **De Geest S**, Medina J & the *Adhere Brazil consortium group*. Prevalence and correlates of nonadherence to immunosuppressants and to health behaviours in patients after kidney transplantation in Brazil – the ADHERE BRAZIL multicentre study: a cross-sectional study protocol. *BMC Nephrol*, 2018, 19(1):41. doi: 10.1186/s12882-018-0840-6;

Berben L, Denhaerynck K, Dobbels F, Engberg S, Vanhaecke J, Crespo-Leiro MG, Russell CL, **De Geest S** and the *BRIGHT study consortium*. Building research initiative group: chronic illness management and adherence in transplantation (BRIGHT) study: study protocol. *J Adv Nurs*, 2015, 71(3):642-54. doi: 10.1111/jan.12519.

- (5) We conducted experimental studies to assess the **efficacy of adherence enhancing interventions in solid organ transplant recipients** (MAESTRO-Tx study - collaborative work with UZ Leuven and **effectiveness of eHealth to facilitate outpatient case management** (collaborative work with the University Hospitals of Freiburg in Breisgau) in living donor renal transplant recipients

Dobbels F, De Bleser L, Berben L, Kristanto P, Dupont L, Nevens F, Vanhaecke J, Verleden G, **De Geest S**. Efficacy of a medication adherence enhancing intervention in transplantation: The MAESTRO-Tx trial. *J Heart Lung*, 2017, 36(5):499-508

Schmid A, Hils S, Kramer-Zucker A, Bogatyreva L, Hauschke D, **De Geest S**, Pisarski P. Telemedically supported case management for Living donor renal transplant recipients as optimization tool of routine evidence-based aftercare: a single-center randomized controlled trial. *Am J Transplant*, 2017, 17(6):1594-1605.

These studies showed significant improvements in view of medication adherence, quality of life, clinical outcomes and health care utilization parameters.

- (6) We developed **reporting guidelines for medication adherence research studies** (EMERGE) part of the EQUATOR network <https://www.equator-network.org/reporting-guidelines/espacomp-medication-adherence-reporting-guideline-emerge/>.

De Geest S, Zullig LL, Dunbar-Jacob J, Helmy R, Hughes DA, Wilson IB, Vrijens B. ESPACOMP Medication Adherence Reporting Guideline (EMERGE). *Ann Intern Med* 2018, 169:30-35.

- (7) Recently we have introduced principles of **implementation science as the driving methodology** behind our intervention research in order to enhance the impact of our research findings in real life clinical settings. Ongoing work focuses on the development, implementation and testing the **effectiveness of innovative care models** in *nursing homes* (INTERCARE) (<https://intercare.nursing.unibas.ch/>), *community health care* (INSPIRE) (<https://inspire-bl.unibas.ch/>) and in *stem cell transplantation* (SMILe) (<https://nursing.unibas.ch/de/forschungsprojekte/forschung/forschung/smile/>) and **have launched the Swiss Implementation Science Network** (<https://impact-dph.unibas.ch/>)

Zullig LL, Deschodt M, De Geest S. Special Issue Implementation Science. *Journal of Nursing Scholarship* 2020; 52 (1), 3-5 .

Zúñiga F, De Geest S, Guerbaai R, Nicca D, Kressig RW, Zeller A, Wellens N, De Pietro C, Vlaeyen E, Desmedt M, Serdaly C, Basinska K, Simon M. Strengthening geriatric expertise in nursing homes (INTERCARE) – an implementation research study protocol. *J Am Geriatr Soc.* 2019 Jul 18.,.

Leppa L, Kunze M, Mauthner O, Mielke J, Teynor A, Valenta S, Vanhoof J, Dobbels F, Zeiser R, Engelhardt M, **De Geest S** on behalf of the SMILe study team. Clinicians and Patients Perspectives on Follow-up Care and eHealth support after Allogeneic Hematopoietic Stem Cell Transplantation: A Mixed-Methods Contextual Analysis as part of the SMILe Study. *European Journal of Oncology Nursing* in press.

Zullig LL, Deschodt M, Liska J, Bosworth H, De Geest S. Moving from the trial to the real world: improving medication adherence using insights of implementation science. *Annu Rev Pharmacol Toxicol.* 2019 Jan 6;59:423-445. doi: 10.1146/annurev-pharmtox-010818-021348.

Research output last 5 years

Full publication list: <https://nursing.unibas.ch/de/personen/sabina-m-de-geest/publikationen/>
h-index (June 2019): 66 (google scholar), 53 (Scopus); Citations: 26578 (google scholar), 13648 (scopus); i10-index: 232

1. Publikationen in internationalen, peer-reviewed wissenschaftlichen Zeitschriften

In press

1. Alaerts E, Dreesen C (joint 1st authorship), Denhaerynck K, Gryp S, Dobbels F, Russell CL, Van Cleemput J, **De Geest S** for the *BRIGHT-study team*. Variability in practice patterns regarding protective isolation measures after heart transplantation: a secondary analysis of the BRIGHT-study Team. Am J Infect Control in press.
2. Leppla L, Kunze M, Mauthner O, Mielke J, Teynor A, Valenta S, Vanhoof J, Dobbels F, Zeiser R, Engelhardt M, **De Geest S** on behalf of the *SMILe study team*. Clinicians and Patients Perspectives on Follow-up Care and eHealth support after Allogeneic Hematopoietic Stem Cell Transplantation: A Mixed-Methods Contextual Analysis as part of the SMILe Study. European Journal of Oncology Nursing in press
3. Deschodt M, Laurent L, Cornelissen L, Yip O, Zúñiga F, Denhaerynck K, Briel M, Karabegovic A, **De Geest S** & the INSPIRE consortium Core components and impact of nurse-led integrated care models for home-dwelling older adults: a systematic review and meta-analysis. International Journal of Nursing Studies in press.

2019

1. Mielke J, **De Geest S**, Beckmann S, Leppla L, Luta X, Guerbaai R, Hunziker S, Schwendimann R. The German version of the High-Performance Work Systems questionnaire (HPWS-G) in the context of patient safety: A validation study in a Swiss university hospital. BMC Health Serv Res. **2019** Jun 6;19(1):356. doi: 10.1186/s12913-019-4189-8.
2. Kocher A, Simon M, Dwyer AA, Villiger PM, Künzler-Heule P, De Geest S, Berben L, Nicca D. Developing a rare disease chronic care model: Management of systemic sclerosis (MANOSS) study protocol. J Adv Nurs. **2019** Aug 26. doi: 10.1111/jan.14185. [Epub ahead of print]
3. Zúñiga F, **De Geest S**, Guerbaai R, Nicca D, Kressig RW, Zeller A, Wellens N, De Pietro C, Vlaeyen E, Desmedt M, Serdaly C, Basinska K, Simon M. Strengthening geriatric expertise in nursing homes (INTERCARE) – an implementation research study protocol. J Am Geriatr Soc. **2019** Jul 18. doi: 10.1111/jgs.16074. [Epub ahead of print].
4. Legendre C, Viebahn R, Crespo M, Dor F, Gustafsson B, Samuel U, Karam V, Binet I, Åberg F, **De Geest S**, Moes DJ, Tönshoff B, Oppenheimer F, Åsberg A, Halleck F, Loupy A, Süsal C. Beyond Survival in Solid Organ Transplantation: Summary Of Expert Presentations From The Sandoz 6th Global Expert Forum, 2018. Transplantation **2019**; 103(9S1 Suppl 1):S1-S13. doi: 10.1097/TP.0000000000002846.
5. Beckmann S, Drent G, Ruppert T, Nikolic N, De Geest S. Body weight parameters are related to morbidity and mortality after liver transplantation - A systematic review and meta-analysis. Transplantation **2019**; Jun 24. doi: 10.1097/TP.0000000000002811. [Epub ahead of print]
6. Schwendimann R, Fierz K, Spichiger E, Marcus B, **De Geest S**. A Master of Nursing Science Curriculum Revision for the 21st Century - A progress report. BMC Med Educ. **2019** 19:135. doi: 10.1186/s12909-019-1588-9.
7. Kutz A, Koch D, Conca A, Baechli C, Regez K, Schild U, Caldara Z, Ebrahimi F, Bassetti S, Eckstein J, Beer J, Egloff M, Kaplan V, Ehmann T, Hoess C, Schaad H, Wagner U, **De Geest S**,

- Schuetz P, Mueller B. Integrative hospital treatment in older patients to benchmark and improve outcome and length of stay – the In-HospITool study: a quasi-experimental, multicenter comparative effectiveness trial. *BMC Health Serv Res*. **2019** Apr 23;19(1):237. doi: 10.1186/s12913-019-4045-x.
8. Gustavsen MT, Midtvedt K, Lønning K, Jacobsen T, Reisæter AV, Hartmann A, Andersen MH, **De Geest S**, Åsberg A. Evaluation of Tools for Annual Capture of Adherence to Immunosuppressive Medications After Renal Transplantation - A Single-Centre Open Prospective Trial *Transpl Int*. **2019** Jun;32(6):614-625. doi: 10.1111/tri.13412. Epub 2019 Mar 6.
 9. Zullig LL, Deschodt M, Liska J, Bosworth H, **De Geest S**. Moving from the trial to the real world: improving medication adherence using insights of implementation science. *Annu Rev Pharmacol Toxicol*. **2019** Jan 6;59:423-445. doi: 10.1146/annurev-pharmtox-010818-021348.
 10. Helmy R, Scalso de Almeida S, Denhaerynck K, Berben L, Dobbels F, Russell CL, de Aguiar RB, **De Geest S on behalf of the BRIGHT study team**. Prevalence of medication nonadherence to co-medication compared with immunosuppressants in heart transplant recipients: findings from the international Cross-sectional BRIGHT Study. *Clin Ther*. **2019** Jan;41(1):130-136. doi: 10.1016/j.clinthera.2018.11.007.
 11. Beckmann S, Drent G, Ruppert T, Nikolić N, **De Geest S**. Pre- and post-transplant factors associated with body weight parameters after liver transplantation - a systematic review and meta-analysis. *Transplant Rev (Orlando)*. **2019** Jan;33(1):39-47. doi: 10.1016/j.trre.2018.10.002.
 12. Dobbels F, Denhaerynck K, Klem ML, Sereika S, **De Geest S**, DeSimone P, *on behalf of the B-SERIOUS consortium*. Correlates and outcomes of alcohol use after single solid organ transplantation: a systematic review and meta-analysis. *Transplant Rev (Orlando)*. **2019** Jan;33(1):17-28. doi: 10.1016/j.trre.2018.09.003.
 13. Berben L, Engberg S, Rossmeissl A, Gordon E, Kugler C, Schmidt-Trucksäss A, Klem ML, Sereika SM, De Simone P, Dobbels F, **De Geest S for the B-SERIOUS consortium**. Correlates and outcomes of low physical activity post-transplant: a systematic review and meta-analysis. *Transplantation*. **2019** Apr;103(4):679-688. doi: 10.1097/TP.0000000000002543
 14. Beckmann S, Drent G, Ruppert T, Nikolic N, **De Geest S**. Pre- and post-transplant factors associated with body weight parameters after liver transplantation – a systematic review and meta-analysis. *Transplant Rev (Orlando)*. **2019** Jan;33(1):39-47. doi: 10.1016/j.trre.2018.10.002
- 2018**
15. **De Geest S**, Zullig LL, Dunbar-Jacob J, Helmy R, Hughes DA, Wilson IB, Vrijens B. ESPACOMP Medication Adherence Reporting Guideline (EMERGE). *Ann Intern Med*. **2018**, 169:30-35. doi: 10.7326/M18-0543.
 16. Leader A, Benyamini N, Gafter-Gvili A, Dreyer J, Calvarysky B, Amitai A, Yarchovsky-Dolberg O, Sharf G, Tousset E, Caspi O, Ellis M, Levi I, **De Geest S**, Raanani P. Effect of adherence-enhancing interventions on adherence to tyrosine kinase inhibitor treatment in chronic myeloid leukemia (TAKE-IT): a quasi-experimental pre-post intervention multicenter pilot study. *Clin Lymphoma Myeloma Leuk*. **2018**. doi: 10.1016/j.clml.2018.06.026. Epub 2018 Jun 25
 17. Papaz T, Allen U, Blydt-Hansen T, Birk PE, Min S, **De Geest S**, Hamiwka L, Phan V, Schechter T, Wall DA, Urschel S, Foster BJ, Mital S. Personalizing Immunosuppression To Improve Efficacy (POSITIVE Study). The Collaboration and Design of a National Transplant Precision Medicine Program. *Transplant Direct*. **2018**, 4(12):e410. doi: 10.1097/TXD.0000000000000842.
 18. Helmy R, Scalso de Almeida S, Denhaerynck K, Berben L, Dobbels F, Russell CL, Aguiar Roza B, **De Geest S on behalf of the BRIGHT study team**. Higher prevalence of medication non-adherence to co-medications than immunosuppressants in heart transplant recipients: findings

- from the International cross-sectional BRIGHT Study. *Clin Transplant*, **2018**. doi: 10.1111/ctr.13280. Epub 2018 Jun 21.
19. Schoemans HM, Goris K, Van Durm R, Fieuws S, **De Geest S**, Pavletic SZ, Im A, Wolff D, Lee SJ, Greinix H, Duarte RF, Poiré X, Selleslag D, Lewalle P, Kerre T, Graux C, Baron F, Maertens JA, Dobbels F. *EBMT transplantation complications working party*. The eGVHD app has the potential to improve the accuracy of graft versus host disease assessment: a multicenter randomized controlled trial. *Haematologica*, **2018**; 103: 1698-1707. doi: 10.3324/haematol.2018.190777.
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94. Schwendimann R, Zúñiga F, Ausserhofer D, Schubert M, Engberg S, **De Geest S**. Swiss Nursing Homes Human Resources Project (SHURP): protocol of an observational study. J Adv Nurs, **2014**, 70(4):915-26. doi: 10.1111/jan.12253.
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non-adherence: a cross-sectional, multi-center study. *Transplantation*, **2014**, 28(1):58-66. doi: 10.1111/ctr.12279.

96. Ausserhofer D, Zander B, Busse R, Schubert M, **De Geest S**, Rafferty A, Ball J, Scott A, Kinunen J, Heinen M, Strømseng Sjetne I, Moreno-Casbas T, Kózka M, Lindqvist R, Diomidous M, Bruyneel L, Sermeus W, Aiken LH, Schwendimann R, Tishelman C, Sermeus W, Aiken L, Schwendimann R. Prevalence, patterns and predictors of nursing care left undone in European hospitals: Results from the multi-country cross-sectional RN4CAST study. *BMJ Qual Saf*, **2014**, 23(2):126-35. doi: 10.1136/bmjqs-2013-002318.
97. Oterhals K, Deaton C, **De Geest S**, Jaarsma T, Lenzen M, Moons P, Mårtensson J, Smith K, Strömberg A, Thompson D, Norekvål TM *on behalf of the Undertaking Nursing Interventions Throughout Europe (UNITE) Research Group*. European cardiovascular nurses current practice and knowledge on anticoagulation therapy. *Eur J Cardiovasc Nurs*, **2014**, 13(3):261-9. doi: 10.1177/1474515113491658.

2. Beiträge zu Büchern:

1. Schwendimann R, Ausserhofer D, Schubert M, Widmer M, Addor V, Desmedt M, **De Geest S**. Switzerland. In: Strengthening health systems through nursing: Evidence from 14 European countries. Copenhagen (Denmark): European Observatory on Health Systems and Policies; **2019**. <http://www.euro.who.int/en/about-us/partners/observatory/publications/studies/strengthening-health-systems-through-nursing-evidence-from-14-european-countries-2019>
2. Ruppert T, Schönfeld S, **De Geest S**. Medication adherence. In: E. Capezuti, E. Siegler, & M.D. Mezey (Eds.). *The Encyclopedia of Elder Care*. New York: Springer Publishing Company; **2017**. ISBN: 978-0-8261-3735-7; e-book ISBN: 978-0-8261-3736-4; pp.460-463.38.

3. Mündliche Beiträge an internationalen Konferenzen

2019

1. **De Geest, S**. Remote health after transplantation: from a psychosocial point of view. 19th Congress of the European Society for Organ Transplantation (ESOT). Copenhagen, Denmark, September 17, **2019** (invited presentation).
2. **De Geest, S**. Implementation of methods to improve non-adherence. 10. Transplantations-Symposium of Astellas Pharma. Munich, Germany, March 22, **2019** (invited presentation).
3. **De Geest, S**. Implementation science: Making research findings more powerful for use in clinical practice. International Transplant Symposium: Time to Move. Leuven, Belgium, February 8, **2019** (invited key note).
4. Valenta, S, Leppla, L, Teynor, A, Schmid, A, Zeiser, A, Engelhardt, M, & **De Geest, S for the SMILE Study Team**. Re-engineering Follow-up Care after Allogeneic Stem Cell Transplantation: Patients' and Clinicians' Perspectives of eHealth enhanced support care - the SMILE study. 45th annual meeting of the European Society for Blood and Marrow Transplantation (EBMT). Frankfurt, Germany, March 25, **2019** (oral presentation).
5. Leppla, L, Valenta, S, Teynor, A, & **De Geest, S**. Re-engineering Follow-up Care after Allogeneic Stem Cell Transplantation: Prototype development for an eHealth-supported model of HSTC care- the SMILE study. 45th annual meeting of the European Society for Blood and Marrow Transplantation (EBMT). Frankfurt, Germany, March 25-26, **2019** (poster presentation).
6. Annema, C, Siebelink, M, Denhaerynck, K, Berger, SP, van den Berg, AP, Verschuuren, EAM, Dobbels, F, **De Geest, S and the BRIGHT study team**. Level of chronic illness management in transplantation: Comparison of three dutch solid organ transplant programs with international transplant reference data.

- 19th Congress of the European Society for Organ Transplantation (ESOT). Copenhagen, Denmark, September 17, **2019** (full oral presentation).
7. Strucker M, Denhaerynck K, Beckmann S, Horvath E, Mohacsi P, Dobbels F, Russell CL, **De Geest S on behalf of the BRIGTH study team**. The level of chronic illness management in two swiss heart transplant centers: a secondary data analysis of the cross-sectional bright study. 19th Congress of the European Society for Organ Transplantation (ESOT). Copenhagen, Denmark, September 17, **2019** (mini oral presentation).
 8. Beckmann S, Drent G, Ruppert T, Nikolic N, **De Geest S**. A systematic review and meta-analysis on correlates and outcomes associated with body weight parameters in liver transplantation. 19th Congress of the European Society for Organ Transplantation (ESOT). Copenhagen, Denmark, September 17, **2019** (oral presentation).
 9. Denhaerynck K, Masschelein E, Ceulemans, L, Monbaliu, D, **De Geest S**. Effect of exercise intervention 'Transplantoux' on Patient Reported Outcomes in solid organ transplant patients. 19th Congress of the European Society for Organ Transplantation (ESOT). Copenhagen, Denmark, September 16, **2019** (mini oral presentation).
 10. Denhaerynck K, Masschelein E, Ceulemans, L, Monbaliu, D, **De Geest S**. Differences in perceived barriers/motivators of physical exercise between active and sedentary solid organ transplant patients. 19th Congress of the European Society for Organ Transplantation (ESOT). Copenhagen, Denmark, September 17, **2019** (mini oral presentation).
 11. Beckmann S, Mauthner O, Schick L, Rochat J, Lovis C, Huynh-Do U, Boehler A, **De Geest S for the Psychosocial Interest Group, Swiss Transplant Cohort Study**. Preferences for patient involvement in transplant research – a comparative cross-sectional study in patients and health care professionals in the swiss transplant cohort study. 19th Congress of the European Society for Organ Transplantation (ESOT). Copenhagen, Denmark, September 17, **2019** (oral presentation).
 12. Beckmann S, Mauthner O, Schick L, Rochat J, Lovis C, Huynh-Do U, Boehler A, **De Geest S for the Psychosocial Interest Group, Swiss Transplant Cohort Study**. Setting transplant research priorities – a comparison among patients and professionals in the swiss transplant cohort study. 19th Congress of the European Society for Organ Transplantation (ESOT). Copenhagen, Denmark, September 17, **2019** (oral presentation).
 13. Deschodt M, Blozik E, Briel M, Probst-Hensch N, Schwenkglens M, Zeller A, **De Geest S on behalf of the INSPIRE consortium**. Implementation of an integrated nurse-led care program for community-dwelling older adults in Canton Baselland: the INSPIRE project. International Jerusalem Conference on Health Policy. Jerusalem, Israel, September 15-17, **2019** (oral presentation).
 14. Alrawashdeh M, Molina MR, Beckmann S, Denhaerynck K, Dobbels F, **De Geest S and the BRIGTH Study Team**. The BRIGTH Study Shows Geographical Disparities in Body Mass Index among Heart Transplant Recipients. J Heart Lung Transplant. Orlando, USA, April 5, **2019** (oral presentation).

2018

15. **De Geest S**. EMERGE - ESPACOMP Medication Adherence Reporting Guideline. 22nd ESPACOMP Meeting (European Society for Patient Adherence, Compliance and Persistence). Dublin, Ireland, December 1, **2018** (oral presentation).
16. **De Geest S**. Higher Prevalence of Non-Adherence to Co-Medications than to Immunosuppressants in Heart Transplant Recipients. 22nd ESPACOMP Meeting (European Society for Patient Adherence, Compliance and Persistence). Dublin, Ireland, November 30, **2018** (oral presentation).
17. Sanders-Pinheiro H, Colugnati F, Denhaerynck K, de Oliveira Marsicano E, Osmar Pestana Medina J, **De Geest S and Centers from Adhere Brazil Team**. Multilevel correlates to immunosuppressive nonadherence in kidney transplantation: results from the Adhere Brazil Multicenter Study. 22nd ESPACOMP Meeting (European Society for Patient Adherence, Compliance and Persistence). Dublin, Ireland, November 29 – December 1, **2018** (oral presentation).

18. **De Geest S.** Adherence: How to define it and how to measure it? 6th Global Expert Forum: Beyond Survival in solid organ transplantation. Paris, France. November 27, **2018** (invited presentation).
19. Leppla L, Valenta S, Teynor A, Schmid A, Zeiser R, Engelhardt M, **De Geest S** and the *SMILE consortium*. Towards implementation of an Integrated Model of Care in Long-Term Follow-Up after Allogeneic Hematopoietic Stem Cell Transplantation facilitated by eHealth Technology: The SMILE project. 3rd European Transplant Allied Healthcare Professional (ETHAP) Meeting. Munich, Germany, November 7-8, **2018** (oral presentation).
20. **De Geest S.** How can technology assist in measuring and improving non-adherence. IEA International ergonomics Association. Florence, Italy, August 26-30, **2018** (invited presentation).
21. **De Geest S.** Transplant nurses' power to improve long-term outcomes after transplantation. ITNS European Transplant Symposium. Berlin, Germany, June 28-20, **2018** (invited keynote presentation).
22. Deschodt M, **De Geest S.** El desarrollo de una infraestructura de investigación de enfermería en escenarios universitarios. University of Costa Rica. San José, Costa Rica, March 6, **2018** (invited presentation).
23. Dhaini S, Zuniga F, Ausserhofer D, Simon M, Kunz R, **De Geest S**, Schwendimann R. Absenteeism and Presenteeism among Care Workers in Swiss Nursing Homes and their Association with Psychosocial Work Environment: a Multi-site Cross-sectional Study. 3rd International Meeting on Wellbeing and Performance in Clinical Practice (WELL-Med 2018). Pieria, Greece, May 9-13, **2018** (oral presentation).
24. Deschodt M, Blozik E, Briel M, Probst-Hensch N, Quinto C, Schwenkglenks M, Zeller A, **De Geest S.** Implementation of a nurse-led community care program for senior citizens in Baselland (CH): The Inspire Project. Innov Aging. Ancona, Italy, June 21-23, **2018** (oral presentation).
25. Duerinckx N, **De Geest S**, Denhaerynck K, Berben L, Vanhaecke J, Russell C, Helmy R, Crespo-Leiro M, Dobbels F on behalf of the *BRIGHT study team*. Variability in depressive symptoms and its multilevel correlates in heart transplant recipients: results from the international cross-sectional BRIGHT study. ISHLT 2018 Annual Meeting. Nice, France, April 11-14, **2018** (oral presentation).
26. Sanders-Pinheiro H, Oliveira Marsicano E, Colugnati F, Osmar Pestana Medina J, **De Geest S** e *centros do estudo Adere Brasil*. Não aderência aos imunossuppressores e aos comportamentos em saúde em transplante renal - resultados preliminares do Estudo Multicêntrico Adere Brasil. Congresso Brasileiro de Nefrologia. São Paulo, Brazil, **2018** (oral presentation).
27. Valenta S, Leppla L, Teynor A, Dobbels F, **De Geest S** and the *SMILE consortium*. Towards implementation of an integrated model of care in long-term follow-up after allogeneic hematopoietic stem cell transplantation facilitated by eHealth technology: The SMILE project. 3rd European Transplant Allied Healthcare Professionals (ETAHP). Munich, Germany, **2018** (oral presentation).
28. Schoemans HM, Goris K, Van Durm K, Vanbrabant K, **De Geest S**, Pavletic SZ, Im A, Wolff D, Lee SJ, Greinix H, Duarte RF, Poiré X, Selleslag D, Lewalle P, Kerre T, Graux C, Baron F, Maertens JA, Dobbels F. Validation of the eGVHD app for Graft Versus Host Disease assessment: a randomized multi-center controlled trial. 44th annual meeting of the European Society for Blood and Marrow Transplantation (EBMT). Lisbon, Portugal, March 18-21, **2018** (oral presentation).

2017

29. **De Geest S.** Samen werken aan betere resultaten – Patiënt-gerapporteerde resultaten en 'patient empowerment' in transplantatie. (Working together toward better transplant outcomes - Patient reported outcomes and patient empowerment in transplantation. Abdominal Transplant Surgery: What's on the horizon?. UZ Leuven, Belgium, December 14-16, **2017** (invited presentation).
30. Sanders-Pinheiro H, de Oliveira Marsicano E, Colugnati F, Pestana Medina J, **De Geest S** and *Centers from Adhere Brazil Team*. Prevalence of non-adherence to health behaviors including immunosuppressants in kidney transplantation in Brazil: the ADHERE BRAZIL Multicenter Study – preliminary results. 21th ESPACOMP Annual Meeting. Budapest, Hungary, November 29, **2017** (oral presentation).

31. Simon S, **De Geest S**. PhD-Education & Research Infrastructure at the Institute of Nursing Science, University of Basel. *Costruere la leadership accademica. Societa Italiana die Science Infermieristiche*. Turino, Italy, November 10, **2017** (invited presentation).
32. **De Geest S**. Health behaviors and the relationship between system factors. Workshop Patienten Adherence. *EIMSED. European Institute for Medical and Scientific Education*. Vienna, Austria, November 9, **2017** (invited key note presentation).
33. **De Geest S**. Preparing nurses (clinicians) for transplant care in the 21st century: general and transplant specific competencies. *14th Congress of the International Society for Organ Donation and Procurement (ISODP)*. Geneva, Switzerland, September 6-9, **2017** (invited presentation).
34. **De Geest S**. Preparing nurses for transplant care in the 21st century: general and transplant specific competencies. *14th Congress of the International Society for Organ Donation and Procurement (ISODP)*. Geneva, Switzerland, September 6-9, **2017** (invited presentation).
35. Vanhoof J, Vandenberghe B, Philippaerts P, Geerts D, De Mazière P, **De Geest S**, Dobbels F *on behalf of the PICASSO-Tx consortium*. Applying a human-centered design process to increase acceptance of interactive health technology to support solid organ transplant patients' medication adherence, physical activity and weight control: the PICASSO-Tx project. *3rd CBC Digital Health Conference*. London, United Kingdom, February 22-23, **2017** (oral presentation).
36. **De Geest S**. The international BRIGHT Study (Building Research Initiative Group. Chronic Illness management and adHerence in Transplantation). *XVI Brazilian Transplant Conference*. Foz do Iquazu, Brazil, October 18-21, **2017** (invited presentation).
37. **De Geest S**. Medication adherence interventions for heart transplant patient's management. *IV Meeting. State of the Art in Advanced Heart Failure: Clinical Practice and Organizational Models*. La Coruna, Spain, May 26-27, **2017** (invited presentation).
38. **De Geest S**. Completing the Picture: Patient Reported Outcomes (PROs) as an Essential Source of Information in Evaluating Transplantation Outcomes. *ISHLT 37th Annual Meeting and Scientific Sessions*. San Diego, USA, April 5-8, **2017** (invited presentation).
39. **De Geest S**. Bridging the gap between the trial and the real world: Medication adherence interventions in transplant populations. *British Transplantation Society Conference 2017*. Bradford Leeds, UK, March 1-3, **2017** (invited presentation).
40. **De Geest S**. Completing the Picture: Patient Reported Outcomes (PROs) as an Essential Source of Information in Evaluating Transplantation Outcomes. *British Transplantation Society Conference 2017*. Bradford Leeds, UK, March 1-3, **2017** (invited key note presentation).
41. Beckmann S, Nikolic N, Denhaerynck K, Binet I, Koller M, Boely E, **De Geest S** *for the Psychosocial Interest Group, Swiss Transplant Cohort Study*. Description of body weight parameters up to 3 years after solid organ transplantation: the prospective Swiss Transplant Cohort Study. *18th Congress of the European Society for Organ Transplantation (ESOT)*. Barcelona, Spain, September 24–27, **2017** (oral presentation).
42. Senft Y, Kirsch M, Denhaerynck K, Dobbels F, Helmy R, Russell CL, Berben L, **De Geest S** *on behalf of the BRIGHT study team*. Practice patterns to improve pre- and post-transplant medication adherence in heart transplant centres: a secondary data analysis of the international BRIGHT study. *J Heart Lung Transplant*. San Diego, USA, April 5-8, **2017** (oral presentation).

2016

43. Scalso de Almeida S, Berben L, Denhaerynck K, Schönfeld S, Baumgartner E; Berger G, Vetter C, Dobbels F, Helmy R, Russell CL, Aguiar Roza B, **De Geest S** *on behalf of the BRIGHT study team*. Variability in healthy care workers' practice patterns and heart transplant patients' immunosuppressive medication adherence across 11 countries – The BRIGHT study. *ESPACOMP 20th Annual Meeting*. Lisbon, Portugal, November 17-19, **2016** (oral presentation).

44. **De Geest S.** Assessment of contextual factors hindering or promoting implementation of adherence interventions. ESPACOMP 20th Annual Meeting. Lisbon, Portugal, November 17-19, **2016** (invited presentation).
45. **De Geest S for the EMERGE team.** ESPACOMP Medication Adherence Reporting Guidelines (EMERGE) – from where we come and where we are heading. ESPACOMP 20th Annual Meeting. Lisbon, Portugal. November 17-19, **2016** (oral presentation).
46. **De Geest S for the EMERGE team.** ESPACOMP Medication Adherence Reporting Guidelines (EMERGE). ESPACOMP 20th Annual Meeting. Lisbon, Portugal, November 17-19, **2016** (oral presentation).
47. Russell C L, Sereika S, Drent G, Lerret S, Binet I, Dobbels F, Klem ML, De Simone P, **De Geest S and the B Serious consortium.** Systematic Review and Meta-analysis of Determinants and Outcomes of Post-transplantation Medication Non-adherence in Adult Single Solid Organ Transplantation. 25th Annual International Transplant Nurses Society Symposium. Pittsburgh, USA, October 14-16, **2016** (oral presentation).
48. **De Geest S,** Denhaerynck K, Berben L, Vanhaecke J, Russell C, Dobbels F *for the BRIGHT study team.* Higher Level of Chronic Illness Management In Heart Transplant Centers Is Associated With Better Patient Survival: The Intercontinental BRIGHT Study. 25th Annual International Transplant Nurses Society Symposium. Pittsburgh, USA, October 14-16, **2016** (oral presentation).
49. **De Geest S,** Denhaerynck K, Berben L, Vanhaecke J, Russell C, Dobbels F *for the BRIGHT study team.* Higher Level of Chronic Illness Management In Heart Transplant Centers Is Associated With Better Patient Survival: The Intercontinental BRIGHT Study. 25th Annual International Transplant Nurses Society (ITNS) Symposium. Pittsburgh, USA, October 12-16, **2016** (oral presentation).
50. Beckmann S, Schubert M, Burkhalter H, Dutkowski P, **De Geest S.** Postoperative delirium after liver transplantation is associated with increased length of stay and lower survival in a prospective cohort. 25th Annual International Transplant Nurses Society (ITNS) Symposium. Pittsburgh, USA, October 12-16, **2016** (oral presentation).
51. Russell CL, Sereika S, Drent G, Lerret S, Binet I, Dobbels F, Klem ML, De Simone P, **De Geest S.** Systematic Review and Meta-analysis of Determinants and Outcomes of Post-transplantation Medication Non-adherence in Adult Single Solid Organ Transplantation. 25th Annual International Transplant Nurses Society (ITNS) Symposium. Pittsburgh, USA, October 12-16, **2016** (oral presentation).
52. **De Geest S.** Bridging the gap between the trial and the real world: How to start an implementation project? Nursing Science Congress 2016 University Medical Center of Groningen. Groningen, The Netherlands, Juni 30-July 1, **2016** (invited workshop).
53. Claes V, Mauthner O, Denhaerynck K, Fieuws S, **De Geest S for the Psychosocial Interest Group and the Swiss Transplant Cohort Study (STCS).** How to apply competing risks survival analysis in nursing research: an illustration using data from the Swiss Transplant Cohort Study. Nursing Science Conference Groningen. Groningen, The Netherlands, June 30 - July 1, **2016** (oral presentation).
54. Beckmann S, Schubert M, Burkhalter H, Dutkowski P, **De Geest S.** Postoperative delirium after liver transplantation is associated with increased length of stay and lower survival in a prospective cohort. Nursing Science Conference Groningen. Groningen, The Netherlands, June 30-July 1, **2016** (oral presentation).
55. **De Geest S.** Reengineering transplant follow-up using principles of chronic illness management. Nursing Science Conference Groningen. Groningen, The Netherlands, June 30-July 1, **2016** (invited presentation).
56. **De Geest S for the BRIGHT study team.** How Can the BRIGHT Study Transform Transplant Programs Care Provision? American Transplant Congress. Boston, USA, June 11-15, **2016** (invited presentation).
57. **De Geest S.** Medication adherence (multi-level) interventions. European Society of Clinical Pharmacy – International Workshop. Basel, Switzerland, June 10-11, **2016** (invited presentation).

58. **De Geest S.** Behavioral genetics: Is there a future for personalized medicine to support patient self management in transplantation. 36th Annual Meeting - International Society of Heart and Lung Transplantation. Washington DC, USA, April 27-30, **2016** (invited presentation).
59. **De Geest S** Building systems of care that support patient's adherence. Ethical, Legal and Psychosocial Aspects of organ Transplantation (ELPAT). Rom, Italy, April 23, **2016** (invited presentation).
60. **De Geest S.** Tackling nonadherence with immunosuppressive drugs: a crucial pathway to improve outcomes in solid organ transplantation. Heart Forum 2016. Valladolid, Spain, March 5, **2016** (invited presentation).
61. **De Geest S.** Bridging the gap between the trial and the real world: Medication adherence interventions in transplant populations. The European Academy of Nursing Science (EANS) Winter Summit. Boundary Spanning: Policy & Practice. Utrecht, The Netherlands, January 21-22, **2016** (invited key note presentation).
62. **De Geest S.** Changing the paradigm of bridging the gap using the example of medication adherence research? European Academy of Nursing Science- Winter meeting. Utrecht, The Netherlands, January 21, **2016** (invited key note presentation).