



HÉLÈNE SCHOEMANS - CURRICULUM VITAE

PERSONAL DETAILS

Date of birth: Jan 28th 1977
Place of birth: Brussels, Belgium
Citizenship: Belgian
Languages fluently spoken: French, English, Dutch and Spanish.
Civic Status: Married, 2 children
Home address: 21 Dolle Kervellaan,
B-1970 Wezembeek Oppem, Belgium
Work address: UZ Gasthuisberg
Herestraat 49, B-3000 Leuven, Belgium
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EDUCATION:

June 1994 International Baccalaureate (ISB, International School of Brussels)
summa cum laude
1994-2001 Medical School (UCL, Université Catholique de Louvain)
Graduation as Medical Doctor (MD)
summa cum laude
Oct 2008 Certified as Specialist in Internal Medicine
Oct 2009 Certified as Specialist in Hematology

COMPLEMENTARY EDUCATION:

May 2004 European School of Hematology: Training course on blood and marrow transplantation.
June 2005 FECS – ASCO – AACR: Methods in Clinical Cancer Research.
Dec 2005 TONECA workshop on Real Time PCR and Transgenic Mice.
Jan-Feb 2006 Systems of Genetic Analysis, KUL, Leuven.
June 2006 Clinical Trial Statistics for non Statisticians, EORTC, Brussels
Oct-Dec 2006 Laboratory Animal Science, KUL, Leuven. (Animal Welfare Certificate obtained)

PROFESSIONAL EXPERIENCE:

2001-2002 1st year of Residency in Cliniques de l'Europe, Brussels (evaluation: 19/20)
2002-2003 2nd year of Residency in Clinique Saint-Pierre, Ottignies (evaluation: 18/20)
2003-2004 3rd year of Residency in Universitaire Ziekenhuizen Leuven (evaluation: 19/20)
2004-2005 Clinical Research in Hematology, Gasthuisberg Ziekenhuis Leuven (evaluation: 19/20)
2005-2008 Fundamental Research in Hematology, Gasthuisberg Ziekenhuis Leuven
(Stem Cell Institute Leuven - SCIL) (evaluation: 19/20)
2008-2009 Fellowship in Hematology, Gasthuisberg Ziekenhuis Leuven

CURRENT POSITION:

2009-... Full staff member of the Hematology department and Bone marrow transplant unit,
Gasthuisberg Leuven & Medical Director of the Cord Blood Bank Leuven.

AWARDS AND HONORS

- 1994 Elected member of the National Honor Society
- 2005 Educational Travel Grant for the FECS – ASCO – AACR: Methods in Clinical Cancer Research workshop in Flims, Switzerland.
- 2009 Best Poster award at Annual Meeting of Belgian Society of Hematology
- 2014 Travel grant from EBMT CQoLWP
- 2016 Best presentation award, Doc's Day KU LEUVEN

PEER-REVIEWED ARTICLES:

Khoury HJ, Wang T, Hemmer MT, Couriel D, Alousi A, Cutler C, Aljurf M, Antin JH, Ayas M, Battiwalla M, Cahn JY, Cairo M, Chen YB, Gale RP, Hashmi S, Hayashi RJ, Jagasia M, Juckett M, Kamble RT, Kharfan-Dabaja M, Litzow M, Majhail N, Miller A, Nishihori T, Qayed M, **Schoemans H**, Schouten HC, Socié G, Storek J, Verdonck L, Vij R, Wood WA, Yu L, Martino R, Carabasi M, Dandoy C, Gergis U, Hematti P, Solh M, Jamani K, Lehmann L, Savani B, Schultz KR, Wirk BM, Spellman S, Arora M, Pidala J. Improved survival after acute graft vs host disease diagnosis in the modern era. *Haematologica*. 2017 Mar 16. pii: haematol.2016.156356. doi: 10.3324/haematol.2016.156356.

El-Jawahri A, Chen YB, Brazauskas R, He N, Lee SJ, Knight JM, Majhail N, Buchbinder D, Schears RM, Wirk BM, Wood WA, Ahmed I, Aljurf M, Szer J, Beattie SM, Battiwalla M, Dandoy C, Diaz MA, D'Souza A, Freytes CO, Gajewski J, Gergis U, Hashmi SK, Jakubowski A, Kamble RT, Kindwall-Keller T, Lazarus HM, Malone AK, Marks DI, Meehan K, Savani BN, Olsson RF, Rizzieri D, Steinberg A, Speckhart D, Szwajcer D, **Schoemans H**, Seo S, Ustun C, Atsuta Y, Dalal J, Sales-Bonfim C, Khera N, Hahn T, Saber W. Impact of pre-transplant depression on outcomes of allogeneic and autologous hematopoietic stem cell transplantation. *Cancer*. 2017 Jan 19. doi: 10.1002/cncr.30546. [Epub ahead of print] ([impact factor: 5.649](#)) Citations: 0

van Gelder M, de Wreede LC, Bornhäuser M, Niederwieser D, Karas M, Anderson NS, Gramatzki M, Dreger P, Michallet M, Petersen E, Bunjes D, Potter M, Beelen D, Cornelissen JJ, Yakoub-Agha I, Russell NH, Finke J, **Schoemans H**, Vitek A, Urbano-Ispizua Á, Blaise D, Volin L, Chevallier P, Caballero D, Putter H, van Biezen A, Henseler A, Schönland S, Kröger N, Schetelig J. Long-term survival of patients with CLL after allogeneic transplantation: a report from the European Society for Blood and Marrow Transplantation. *Bone Marrow Transplant*. 2016 Dec 12. doi: 10.1038/bmt.2016.282. [Epub ahead of print] ([impact factor: 3.636](#)) Citations: 49

DeFilipp Z, Duarte RF, Snowden JA, Majhail NS, Greenfield DM, Miranda JL, Arat M, Baker KS, Burns LJ, Duncan CN, Gilleece M, Hale GA, Hamadani M, Hamilton BK, Hogan WJ, Hsu JW, Inamoto Y, Kamble RT, Lupo-Stanghellini MT, Malone AK, McCarthy P, Mohty M, Norkin M, Paplham P, Ramanathan M, Richart JM, Salooja N, Schouten HC, **Schoemans H**, Seber A, Steinberg A, Wirk BM, Wood WA, Battiwalla M, Flowers ME, Savani BN, Shaw BE. Metabolic syndrome and cardiovascular disease following hematopoietic cell transplantation: screening and preventive practice recommendations from CIBMTR and EBMT. *Bone Marrow Transplant*. 2016 Aug 22. ([impact factor: 3.636](#)) Citations: 0

DeFilipp Z, Duarte RF, Snowden JA, Majhail NS, Greenfield DM, Miranda JL, Arat M, Baker KS, Burns LJ, Duncan CN, Gilleece M, Hale GA, Hamadani M, Hamilton BK, Hogan WJ, Hsu JW, Inamoto Y, Kamble RT, Lupo-Stanghellini MT, Malone AK, McCarthy P, Mohty M, Norkin M, Paplham P, Ramanathan M, Richart JM, Salooja N, Schouten HC, **Schoemans H**, Seber A, Steinberg A, Wirk BM, Wood WA, Battiwalla M, Flowers ME, Savani BN, Shaw BE; CIBMTR Late Effects and Quality of Life Working

Committee; EBMT Complications and Quality of Life Working Party.
Metabolic Syndrome and Cardiovascular Disease after Hematopoietic Cell Transplantation:
Screening and Preventive Practice Recommendations from the CIBMTR and EBMT.
Biol Blood Marrow Transplant. 2016 Aug;22(8):1493-503. Epub 2016 May 14. ([impact factor: 3.98](#))
[Citations: 0](#)

Vanstraelen K, Prattes J, Maertens J, Lagrou K, **Schoemans H**, Peersman N, Vermeersch P, Theunissen K, Mols R, Augustijns P, Annaert P, Hoenigl M, Spriet I.
Posaconazole plasma exposure correlated to intestinal mucositis in allogeneic stem cell transplant patients.
Eur J Clin Pharmacol. 2016 Aug;72(8):953-63. ([impact factor: 2.710](#)) [Citations: 1](#)

Schoemans H, Goris K, Van Durm R, Vanhoof J, Wolff D, Greinix H, Pavletic S, Lee SJ, Maertens J, De Geest S, Dobbels F, Duarte RF.
Development, preliminary usability and accuracy testing of the EBMT 'eGVHD App' to support GVHD assessment according to NIH criteria-a proof of concept.
Bone Marrow Transplant. 2016 Aug;51(8):1062-5. ([impact factor: 3.636](#)) [Citations: 0](#)

Inamoto Y, Shah NN, Savani BN, Shaw BE, Abraham AA, Ahmed IA, Akpek G, Atsuta Y, Baker KS, Basak GW, Bitan M, DeFilipp Z, Gregory TK, Greinix HT, Hamadani M, Hamilton BK, Hayashi RJ, Jacobsohn DA, Kamble RT, Kasow KA, Khera N, Lazarus HM, Malone AK, Lupo-Stanghellini MT, Margossian SP, Muffly LS, Norkin M, Ramanathan M, Salooja N, **Schoemans H**, Wingard JR, Wirk B, Wood WA, Yong A, Duncan CN, Flowers ME, Majhail NS.
Secondary solid cancer screening following hematopoietic cell transplantation.
Bone Marrow Transplant. 2015 Aug;50(8):1013-23. Epub 2015 Mar 30. Review. ([impact factor: 3.636](#))
[Citations: 110](#)

Basak GW, Wiktor-Jedrzejczak W, Labopin M, **Schoemans H**, Ljungman P, Kobbe G, Beguin Y, Lang P, Koenecke C, Sykora KW, Te Boome L, van Biezen A, van der Werf S, Mohty M, de Witte T, Marsh J, Dreger P, Kröger N, Duarte R, Ruutu T.
Allogeneic hematopoietic stem cell transplantation in solid organ transplant recipients: a retrospective, multicenter study of the EBMT.
Am J Transplant. 2015 Mar;15(3):705-14. Epub 2015 Feb 3. ([impact factor: 5.669](#)) [Citations: 2](#)

Van Obbergh F, Michaux L, Maertens J, **Schoemans H**, Vandenberghe P.
A case with a cytogenetically cryptic variant of the inv(16)(p13q22)/t(16;16)(p13;q22).
Cancer Genet. 2014 May;207(5):231-2. ([impact factor: 1.929](#)) [Citations: 2](#)

Eyckmans T, Wollants E, Janssens A, **Schoemans H**, Lagrou K, Wauters J, Maertens J.
Coxsackievirus A16 encephalitis during obinutuzumab therapy, Belgium, 2013.
Emerg Infect Dis. 2014 May;20(5):913-5. ([impact factor: 6.751](#)) [Citations: 3](#)

Rodrigues CA, Rocha V, Dreger P, Brunstein C, Sengeloev H, Finke J, Mohty M, Rio B, Petersen E, Guilhot F, Niederwieser D, Cornelissen JJ, Jindra P, Nagler A, Fegueux N, **Schoemans H**, Robinson S, Ruggeri A, Gluckman E, Canals C, Sureda A; Eurocord-Netcord and the Lymphoma Working Party; Chronic Leukemia Working Party of the European Group for Blood and Marrow Transplantation.
Alternative donor hematopoietic stem cell transplantation for mature lymphoid malignancies after

reduced-intensity conditioning regimen: similar outcomes with umbilical cord blood and unrelated donor peripheral blood.

Haematologica. 2014 Feb;99(2):370-7. (impact factor: 6.671) Citations: 23

Auner HW, Szydlo R, van Biezen A, Iacobelli S, Gahrton G, Milpied N, Volin L, Janssen J, Nguyen Quoc S, Michallet M, **Schoemans H**, El Cheikh J, Petersen E, Guilhot F, Schönland S, Ahlberg L, Morris C, Garderet L, de Witte T, Kröger N; Plasma Cell Dyscrasia Sub-committee of the Chronic Malignancies Working Party of the European Group for Blood and Marrow Transplantation (EBMT).

Reduced intensity-conditioned allogeneic stem cell transplantation for multiple myeloma relapsing or progressing after autologous transplantation: a study by the European Group for Blood and Marrow Transplantation.

Bone Marrow Transplant. 2013 Nov;48(11):1395-400. Epub 2013 May 27. (impact factor: 3.636) Citations: 14

Peetermans W, **Schoemans H**, Van Gompel A

Guidelines for the vaccination of immunocompromised patients and patients with chronic underlying diseases

Tijdschrift voor Geneeskunde, vol. 69, issue 22 (2013) (impact factor: not available on ISI Web of Knowledge) Citations: 0

Vermeulen E, Maertens J, **Schoemans H**, Lagrou K.

Azole-resistant *Aspergillus fumigatus* due to TR46/Y121F/T289A mutation emerging in Belgium, July 2012.

Euro Surveill. 2012 Nov 29;17(48). pii: 20326. (impact factor: 5.98) Citations: 33

D'Haese J, Theunissen K, Vermeulen E, **Schoemans H**, De Vlieger G, Lammertijn L, Meersseman P, Meersseman W, Lagrou K, Maertens J.

Detection of galactomannan in bronchoalveolar lavage fluid samples of patients at risk for invasive pulmonary aspergillosis: analytical and clinical validity.

J Clin Microbiol. 2012 Apr;50(4):1258-63. Epub 2012 Feb 1. (impact factor: 3.631) Citations: 49

Montano-Almendras CP, Essaghir A, **Schoemans H**, Varis I, Noël LA, Velghe AI, Latinne D, Knoops L, Demoulin JB.

ETV6-PDGFRB and FIP1L1-PDGFRB stimulate human hematopoietic progenitor cell proliferation and differentiation into eosinophils: the role of nuclear factor- κ B.

Haematologica. 2012 Jul;97(7):1064-72. Epub 2012 Jan 22 (impact factor: 6.671) Citations: 23

Medves S, Noël LA, Montano-Almendras CP, Albu RI, **Schoemans H**, Constantinescu SN, Demoulin JB.

Multiple oligomerization domains of KANK1-PDGFR β are required for JAK2-independent hematopoietic cell proliferation and signaling via STAT5 and ERK.

Haematologica. 2011 Oct;96(10):1406-14. Epub 2011 Jun 17. (impact factor: 6.671) Citations: 12

Maertens J, Cuppens K, **Schoemans H**.

Case report 1: A case of failed posaconazole prophylaxis.

Mycoses. 2010 Jul;53 Suppl 2:3-5. PubMed PMID: 20591011. (impact factor: 2.332) Citations: 0

Schoemans H, Theunissen K, Maertens J, Boogaerts M, Verfaillie C, Wagner J.

Adult umbilical cord blood transplantation: a comprehensive review.

Bone Marrow Transplant. 2006 Jul;38(2):83-93. Epub 2006 Jun 5. Review. (impact factor: 3.636)
Citations: 96

Selvais PL, Maiter DM, **Schoemans H**, Seidemann I, Lambert MJ.
Serum lactate dehydrogenase activity increases in both endogenous and exogenous hypercorticisms.
Acta Clin Belg. 2000 Jul-Aug;55(4):205-8. PubMed PMID: 11036678. (impact factor: 0.683) Citations: 0

NON PEER-REVIEWED ARTICLES:

L. Lammertijn, **H. Schoemans**, J. Maertens
De praktijk: Vaccinatie na autologe en allogene stamceltransplantatie
Tijdschr. voor Geneeskunde, 69, nr. 2, 2013

W. Peetermans, **H. Schoemans**, A. Van Gompel
Postgraduaat Onderwijs in de Interne Geneeskunde KU Leuven
Vaccinaties bij immuungecompromitteerde en chronisch
zieke patiënten
Tijdschr. voor Geneeskunde, 69, nr. 22, 2013

I. Moors, **H. Schoemans**, S. Callens, Y. Beguin, T. Kerre
Vaccination guidelines in haematopoietic transplant patients: recommendations from the BHS
Transplant Committee
Belgian Journal of Hematology Volume 5, Issue 2, June 2014, pp 44-54

BOOK CHAPTERS:

Robin Vos, Hélène Schoemans, Bart M. Vanaudenaerde, Stijn E. Verleden and Geert
M. Verleden
"Bronchiolitis Obliterans" M.J. Parnham (ed.), Compendium of Inflammatory Diseases,
DOI 10.1007/978-3-0348-0620-6_229-1

Hélène Schoemans.

"Stamceltransplantatie" **Klinische Hematologie**, Lannoo Campus, 2014.

Johan Maertens and Hélène Schoemans.

"Endemic Mycosis and Cryptococcal Disease" **Management of Infections in Cancer Patients**, Humana
press, 2011.

Hélène M. Schoemans and Catherine Verfaillie.

"Cellular Biology of Hematopoiesis" **Hoffman's Hematology Basic Principle and Practice, 5th Edition**,
2008.

ORAL PRESENTATIONS: 2014-2017

- Mini Symposium on Graft versus Host disease, UCL, Woluwé, 11/4/2014
"Facing the (hard clinical) truth about GVHD" H Schoemans

- Leuven, 24/4/2014

“BHS Workshop: How to evaluate and report GVHD” H Schoemans

- LBARG meeting, Leuven, Belgium 8/5/2014
“Non-medical factors impact on survival post HSCT: filling in the blanks” H Schoemans
- EBMT Complications and Quality of Life Working Party educational Course 23 and 24/10/2014, Warsaw, Poland
“A case of unfortunate taper...” H Schoemans
- 17th Post ASH meeting, Zaventem, Belgium 9/1/2015
“Transplantation” H Schoemans (invited speaker)
- 30th General Annual Meeting of the BHS, La hulpe, Belgium 30/01/2015
“Graft versus host disease, with interactive voting” H Schoemans (invited speaker)
- Intensieve Hematologie in de 21ste Eeuw: Bloedserieus maar mensvriendelijk, Jessa ZH, Hasselt, Belgium 7/2/2015
“Multidisciplinair LT-Opvolging van transplantpatiënt” H Schoemans
- EBMT annual meeting, Istanbul, Turkey 24/3/2015
“Development of an eTool to support decision making in the diagnosis and treatment of GVHD” H Schoemans (invited speaker for the Working Party: Complications and Quality of Life session)
- LBARG meeting, Leuven, Belgium 3/4/2015
“Development of an eTool to support decision making in the diagnosis and treatment of GVHD” H Schoemans
- LOTUZ (allogeneic transplant patient advocacy group), Leuven, Belgium 29/5/2015
“Leven na een allogene stem cel Transplantatie” H Schoemans (invited speaker)
- EBMT nurses satellite symposium ‘LIFE AFTER ALLOGENEIC STEM CELL TRANSPLANTATION - MAKING IT WORK’, Leuven, Belgium, 28 October 2015
“When cancer strikes (at least) twice: secondary cancer screening current guidelines” Helene Schoemans
- EBMT Complications and Quality of Life Working Party (CQWP) Educational Course : "Thinking Outside the Box: Going beyond ‘Survival after Stem Cell Transplant’"
Leuven (Belgium) 29-30 October 2015
Organisers: R. Duarte, H. Schoemans
“When cancer strikes (at least) twice: secondary cancer screening current guidelines” Helene Schoemans
- LBARG meeting, Basel, Switzerland 16/12/2015
“Belgian Cross-sectional @llogeneic Transplant Survivor Study: preliminary results” Helene Schoemans
- 42nd Annual Meeting of the European Society for Blood and Marrow Transplantation , Valencia, Spain, April 2016.

The 'EBMT GVHD App' (invited speaker for the Nurses program and for the Working Party: Complications and Quality of Life session)
Transatlantic collaboration: Engaging Patients in Developing a Patient-Centered HSCT Research Agenda (invited speaker for the Working Party: Complications and Quality of Life session)

- UZLEUVEN, April 19th 2016
Extracorporeal Fotoferese
- Invited as QoL expert - NIH Blood and Marrow Transplant Late Effects Consensus Conference June 21-22nd 2016, Bethesda USA.
- GVHD Master Class, Croatia, Sept 20-21st 2016 (invited speaker)
- Spanish GVHD Congres, Spain Oct 7th 2016 (invited speaker– declined)
- EBMT CQOL working party, Spain Oct 25-26th 2016 (invited as chair)
- Swiss German Austrian GVHD consortium, Germany Nov 18th 2016 (invited as chair)
- Swiss German Austrian GVHD consortium, Regensburg, Germany March 17th 2017 (invited as speaker)
- BANABA les verpleegkundige - Stam cel transplantatie, Belgium 14-3-2017
- 43rd Annual Meeting of the European Society for Blood and Marrow Transplantation, Marseilles, France, April 2017.
 - Secondary Malignancies (invited speaker for the Nurses program)
 - Introducing the eGVHD app (invited speaker for the Working Party: Complications and Quality of Life session)
- LBARG meeting, Leuven, Belgium 11 & 12-5-2017
Validation of the eGVHD app (speaker)

LECTURE INVITATIONS 2017-2018

EBMT CQOL Working party, Granada, Spain, Oct 19th 2017
Société Française de Greffe de Moelle, Nice, France, Nov 17th 2017
UCL, Woluwe, Belgium, Nov 22nd 2017
Belgian Hematological Society (BHS) Annual Meeting, Dolce la Hulpe, Belgium, Jan 2018
BHS Stem cell transplantation workshop/course, Woluwe, Belgium, Mar 2018
"Nieuwe inzichten in de hematologie – VPK 911", UZ LEUVEN, Belgium, Mar 27th 2018
EBMT 2018, Lisbon, Portugal, Mar 2018

MEMBERSHIPS AND WORKING GROUPS

- Belgian Hematological Society (BHS) – active member of **BHS Transplantation Subcommittee**
- European Society for Blood and Marrow transplantation (EBMT) – active member of **EBMT Complications and Quality of Life Working Party & Lymphoma Working Party**
- Center for International Bone Marrow Transplantation Research – active member of **GVHD working committee & Long Term Effects working committee**
- Patient centered Outcome Research initiative (PCRI) – active member of the **“patient and care giver education & support subgroup”**
- World Bone Marrow Transplantation (WBMT) – active member of the **“Patient advocacy and advisory committee (PAAC)”**
- Leuven Basel Adherence Research Group (LBARG) – active member
- Founder of “Lotuz – leven na een allogene stamceltransplantatie” – patient advocacy association www.lotuz.be

REVIEWER ACTIVITY

Regular reviewer for EBMT abstracts and BMT and BBMT journal articles.
Occasional reviewer for Lancet Hematology.