



Curriculum Vitae

Personal information **Christine Wyns**

Work experience

1/10/2025 to present	Full professor, Catholic University of Louvain
01/08/2023 to present	Deputy Head of Department Gynecology and Andrology, Cliniques Universitaires Saint-Luc
1/10/2022 to present	Head of Clinic, Cliniques Universitaires Saint-Luc
2015 to present	Professor, Catholic University of Louvain
1/10/2012 to 1/10/2022	Head of Department Gynecology and Andrology, Cliniques Universitaires Saint-Luc
1/09/2012 to present	Medical Director and Manager of the Reproductive Tissue and Cell Bank, Cliniques Universitaires St Luc, Catholic University of Louvain
1/10/2008 to 2015	Lecturer/teaching assistant, Catholic University of Louvain
1/10/2006 to 1/10/2012	Senior Consultant, Head of Clinic Associate Department of Gynecology, Catholic University of Louvain Cliniques Universitaires Saint-Luc
1/9/2005 to 30/9/2006	Junior Consultant, Department of Gynecology, Catholic University of Louvain
1/9/2002 to 31/08/2005	Medical Doctor in Gynecology, Cliniques Universitaires Saint-Luc
Work place	Cliniques Universitaires Saint-Luc Gynecology/Andrology and ART Head of Clinic, department of gynecology - andrology Medical Director and Manager of the Reproductive Tissue and Cell Bank Director of the research laboratory in andrology (IREC-REPR)

Education and training

Oct 2014 to Feb 2015	Interuniversity certificate in strategic thinking, strategic management
08/12/2014 to present	Certificate Good Clinical Practice for Investigator Site Teams Ethics Committees
17/06/2013	Certificate for Science and medicine of laboratory Animals, Catholic University of Louvain
21/10/2008	Doctor of Biomedical Sciences Certified training in biomedical and pharmaceutical science research, Catholic University of Louvain PhD thesis in biomedical and pharmaceutical science: male fertility preservation after gonadotoxic treatment, Catholic University of Louvain
17/06/2008	Master in Health and Biomedical Sciences Catholic University of Louvain
2005	Mémoire d'Andrologie appliquée : la spermatogonie souche
2004/2005	Diplôme Universitaire d'Andrologie Appliquée, University of Limoges

1993 to 1998	Internship in Obstetrics and Gynecology, Catholic University of Louvain
1986 to 1993	Doctor of Medicine (Magna Cum Laude), Catholic University of Louvain

Additional information

Publications

1. *Articles in peer-reviewed journals*

1. Nisolle M, Casanas-Roux F, **Wyns C**, de Menten Y, Mathieu PE, Donnez J. *Immunohistochemical analysis of estrogen and progesterone receptors in endometrium and peritoneal endometriosis: a new quantitative method*. Fertil Steril 1994; 62 :751-759 (IF 3.483)
2. Bassil S, Verougstraete JC, **Wyns C**, Donnez J. *Endovaginal sonography with color Doppler: applications in assisted reproduction*. Assisted Contraceptive Delivery Systems 1997; 13;207-221
3. Bassil S, **Wyns C**, Toussaint-Demylle D, Nisolle M, Gordts S, Donnez J. *The relationship between ovarian vascularity and the duration of stimulation in in-vitro fertilization*. Human Reprod 1997;12(6); 1240-1245 (IF 3.125)
4. Bassil S, **Wyns C**, Toussaint-Demylle D, Abdul-Nour W, Donnez J. *Predictive factors for multiple pregnancy in in vitro fertilization*. J. Reprod. Med 1997;42(12): 761-767 (IF 0.888)
5. **Wyns C**, Sluysmans T, Kartheuzer R, Vliers A, Hubinont C . *Successful pregnancy in a patient with a double-inlet single left ventricle treated by a Fontan procedure* Prenatal and Neonatal Medicine ; 1997;2(4);386-390
6. Bassil S, **Wyns C**, Donnez J. *A randomized prospective cross-over study of highly purified follicle-stimulating hormone and human menopausal gonadotrophin for ovarian hyperstimulation in women aged 37-41 years*. J Assist Reprod Genet 2000; 17(2):107-12 (IF 0.735)
7. Van Langendonck A, **Wyns C**, Godin PA, Toussaint-Demylle D., Donnez J. *Atypical hatching of a human blastocyst leading to monozygotic twinning: a case report*. Fertil Steril 2000; 74:1047-1050 (IF 3.483)
8. Donnez J, **Wyns C**, Nisolle M. *Does ovarian surgery for endometriomas impair the ovarian response to gonadotropin?*, Fertil Steril 2001;76(4): 662-665 (IF 2.960)
9. Van Langendonck A, Demylle D, **Wyns C**, Nisolle M, Donnez J. *Comparison between G1.2/G2.2 and Sydney IVF-Cleavage/Blastocyst sequential media for the culture of human embryos: a prospective randomized comparative study*. Fertil Steril 2001; 76 (5):1023-1031 (IF 2.960)
10. Donnez J, Squifflet J, Pirard C, Jadoul P, **Wyns C**, Smets M. *The efficacy of medical and surgical treatment of endometriosis-associated infertility and pelvic pain*. Gynecol Obstet Invest 2002; 54:2-10 (IF 0.728)
11. **Wyns C**, Donnez J. *Vaporisation laser des endométriomes ovariens : impact sur la réponse aux gonadotrophines*. Gynécol Obstét Fertil, 2003;31(3);337-342
12. **Wyns C**, Vandermonde J, Pirard C, Demylle D, Vanabelle B, Donnez J. *IVF and ICSI outcome in couples with unexplained infertility: A randomized study of 60 cases*. J Br Reprod Assist 2004;8(5);16-22.
13. **Wyns C**, Curaba M, Martinez-Madrid B, Van Langendonck A, Wese FX, Donnez J. *Spermatogonial survival after cryopreservation and short-term orthotopic immature human cryptorchid testicular tissue grafting to immunodeficient mice*. Hum Reprod 2007;22(6):1603-11 (IF. 3.543)
14. **Wyns C**, [Van Langendonck A](#), [Wese FX](#), [Donnez J](#), [Curaba M](#). *Long-term spermatogonial survival in cryopreserved and xenografted immature human testicular tissue*. Hum Reprod. 2008;23(11):2402-14 (IF 3.773)
15. Lukusa A, Vermynen C, Vanabelle B, Curaba M, Brichard B, Chantrain C, Dupont S, Ferrant A, **Wyns C**. *Bone marrow transplantation or hydroxyurea for sickle cell anemia: long-term effects on semen variables and hormone profiles*. Pediatr Hematol Oncol 2009; 26(4): 186-194 (IF 0.794)
16. **Wyns C**, [Curaba M](#), [Vanabelle B](#), [Van Langendonck A](#), [Donnez J](#). *Options for fertility preservation in prepubertal boys*. Hum Reprod Update. 2010; 16: 312-328 (IF 8.755)
17. **Wyns C**. *Male fertility preservation before gonadotoxic therapies*. Facts, views & vision in ObGyn. 2010; 2:88-108
18. Curaba M, Poels J, Van Langendonck A, Donnez J, **Wyns C**. *Can prepubertal human testicular tissue be cryopreserved by vitrification?* Fertil Steril 2011; May;95(6):2123.e9-12 (IF 3.775)
19. **Wyns C**, Curaba M, Petit S, Vanabelle B, Laurent P, Wese FX, Donnez J. *Management of*

- fertility preservation in prepubertal patients; five years' experience at the Catholic University of Louvain.* Human Reproduction, 2011, 26(4): 737- 47 (IF 4.475)
20. Curaba M, Verleysen M, Andrade Amorim C, Dolmans MM, Van Langendonck A, Hovatta O, **Wyns C**, Donnez J. *Cryopreservation of prepubertal mouse testicular tissue by vitrification.* Fertil Steril. 2011 Mar 15;95(4):1229-34.e1 (IF 3.775)
 21. Poels J, Langendonck AV, Dehoux JP, Donnez J, **Wyns C**. *Vitrification of non-human primate immature testicular tissue allows maintenance of proliferating spermatogonial cells after xenografting to recipient mice.* Theriogenology, 2012; 77(5): 1008-13 (IF 2.082)
 22. Dancet E.AF, D'Hooghe TM, Sermeus W, Van Empel I, Strohmer H, **Wyns C**, Santa-Cruz D, Nardo LG, Kovatchki D, Vanlangenakker L, Gardia-Velasco J, Mulugeta B, Nelen WLDM, Kremer JAM. *Patients from across Europe have similar views on patient-centred care: an international multilingual qualitative study in infertility care.* Human Reproduction, Vol.0, No.0 pp. 1-10, 2012 (IF 4.670)
 23. Poels J, Langendonck AV, Many MC, Wese FX, **Wyns C**. *Vitrification preserves proliferation capacity in human spermatogonia.* Hum Reprod. 2013 Mar;28(3):578-89 (IF 4.585)
 24. **Wyns C**, *Fertility preservation: current prospects and future challenges.* Gynecological endocrinology 2013;29(5):403-7 (IF 1.136)
 25. [De Neubourg D](#), [Bogaerts K](#), **Wyns C**, [Albert A](#), [Camus M](#), [Candeur M](#), [Degueudre M](#), [Delbaere A](#), [Delvigne A](#), [De Sutter P](#), [Dhont M](#), [Dubois M](#), [Englert Y](#), [Gillain N](#), [Gordts S](#), [Hautecoeur W](#), [Lesaffre E](#), [Lejeune B](#), [Leroy F](#), [Ombelet W](#), [Perrier D'Hauterive S](#), [Vandekerckhove F](#), [Van der Elst J](#), [D'Hooghe T](#). *The history of Belgian assisted reproduction technology cycle registration and control: a case study in reducing the incidence of multiple pregnancy.* Human reproduction 2013; Oct;28(10):2709-19 (IF 4.585)
 26. **Wyns C**, Abu-Ghannam G, Poels J. *Vitrification du tissu testiculaire : évolution ou révolution.* Gynécologie Obstétrique & Fertilité 41 (2013) 558–561 (IF 0.581)
 27. **Wyns C**, Botman O. *Induced pluripotent stem cell potential in medicine, specifically focused on reproductive medicine.* Front Surg. 2014; 1: 5. Published online 2014 March 24 (IF 2.47)
 28. De Neubourg D, Bogaerts K, **Wyns C**., Camus M, Delbaere A, Delvigne A, De Sutter P, Dubois M, Gordts S, Lejeune B, Leroy F, Vandekerckhove F, D'Hooghe T. *Reply: The danger of ignoring pregnancy and delivery rates in ART.* Human Reproduction 2014 Aug;29(8):1830-1 (IF 4.569)
 29. Poels J, Abu-Ghannam G, Herman S, Van Langendonck A, **Wyns C**. *In search of better spermatogonial preservation by supplementation of cryopreserved man immature testicular xenografts with N-acetylcysteine and testosterone.* Front Surg. 2014; 1: 47. Published online 2014 December 2 (IF 2.47)
 30. Pirard C, Loumaye E, Laurent P, **Wyns C**. *Contribution to more patient-friendly ART treatment: efficacy of continuous low-dose GnRH agonists as the only luteal support – results of a prospective, randomized, comparative study.* Int J Endocrinol. 2015; 2015: article 727569. Published online 2015 April 5 (IF 1.515)
 31. **Wyns C**, Collienne C, Shenfield F, Robert A, Laurent P, Roegiers L, Brichard B. *Fertility preservation in the male pediatric population: factors influencing the decision of parents and children.* Hum Reprod . 2015 Sep;30(9):2022-30. doi: 10.1093/humrep/dev1613 (IF.4.569)
 32. Picton HM, **Wyns C**, Richard A, Anderson RA, Goossens E, Jahnukainen K, Kliesch S, Rod T. Mitchell RT, Pennings G, Rives N, Tournaye H, van Pelt AMM, Eichenlaub-Ritter U, and Schlatt S on behalf of the ESHRE Task Force On Fertility Preservation In Severe Diseases. *A European perspective on testicular tissue cryopreservation for fertility preservation in prepubertal and adolescent boys.* Human Reproduction, 2015 Nov; 30(11):2463-75. Epub 2015 Sep 10 (IF 4.621)
 33. De Neubourg D, Bogaerts K, Blockeel C, Coetsier T, Delvigne A, Devreker F, Dubois M, Gillain N, Gordts S, **Wyns C**. *How do cumulative live birth rates and cumulative multiple live birth rates over complete courses of assisted reproductive technology treatment per woman compare among registries?* [Hum Reprod](#). 2016 Jan;31(1):93-9 (IF 5.020)
 34. Punjabi U, **Wyns C**, Mahmoud A, Vernelen K, China B, Verheyen G. [Fifteen years of Belgian experience with external quality assessment of semen analysis.](#) Andrology. 2016 Jul 13. doi: 10.1111/andr.12230. (IF 2.298)
 35. Calhaz-Jorge C, de Geyter C, Kupka MS, de Mouzon J, Erb K, Mocanu E, Motrenko T, Scaravelli G, **Wyns C**, and Goossens V. *Assisted reproductive technology in Europe, 2012: results generated from European registers by ESHRE.* The European IVF-Monitoring Consortium (EIM) for the European Society of Human Reproduction and Embryology (ESHRE). Human Reproduction, Vol.31, No.8 pp. 1638–1652, 2016 Advanced Access publication on June 19, 2016 (IF 5.020)

36. Poels J, Abou-Ghannam G, Decamps A, Leyman M, des Rieux A, **Wyns C**. *Transplantation of testicular tissue in alginate hydrogel loaded with VEGF nanoparticles improves spermatogonial recovery*. J. Control. Release 2016, vol 234, 79–89 (IF 7.786)
37. De Geyter C, **Wyns C**, Mocanu E, de Mouzon J, Calhaz-Jorge C. *Data collection systems in ART must follow the pace of change in clinical practice*. Hum Reprod. 2016 Oct;31(10):2160-3 (IF 5.020)
38. Peeraer K, D'Hooghe T, Laurent P, Pelckmans S, Delvigne A, Laenen A, Welkenhuysen M, **Wyns C**, De Neubourg D. *Impact of luteal phase support with vaginal progesterone on the clinical pregnancy rate in intrauterine insemination cycles stimulated with gonadotropins: a randomized multicenter study*. Fertil Steril. 2016 Nov;106(6):1490-1495 (IF 4.373)
39. de Michele F, Poels J, Weerens L, Petit C, Evrard Z, Ambroise J, Gruson D, **Wyns C**. *Preserved seminiferous tubule integrity with spermatogonial survival and induction of Sertoli and Leydig cell maturation after long-term organotypic culture of prepubertal human testicular tissue*. Hum Reprod 2017 Jan;32(1):32-45 (IF 4.990)
40. Vermeulen M, Poels J, de Michele F, des Rieux A, **Wyns C**. *Restoring Fertility with Cryopreserved Prepubertal Testicular Tissue: Perspectives with Hydrogel Encapsulation, Nanotechnology, and Bioengineered Scaffolds*. Ann Biomed Eng. 2017 Jul ;45(7):1782 (IF 3.405)
41. Giudice MG, de Michele F, Poels J, Vermeulen M, **Wyns C**. *Update on fertility restoration from prepubertal spermatogonial stem cells: How far are we from clinical practice?* Stem Cell Res. 2017 May;21:171-177 (IF 3.494)
42. Jadoul P, Guilmain A, Suifflet J, Luyckx M, Votino R, **Wyns C**, Dolmans MM. *Efficacy of ovarian tissue cryopreservation for fertility preservation: lessons learned from 545 cases*. Human Reproduction, Vol.32, No.5 pp. 1046–1054, 2017(IF 4.990)
43. Ferraretti AP, Nygren K, Nyboe Andersen A, de Mouzon J, Kupka M, Calhaz-Jorge C, **Wyns C**, Gianaroli L,Goossens V. *Trends over 15 years in ART in Europe:an analysis of 6 million cycles*. The European IVF-Monitoring Consortium (EIM), for the European Society of Human Reproduction and Embryology (ESHRE). Human Reproduction Open, pp. 1–10, 2017
44. De Michele F, Vermeulen M, **Wyns C**. *Fertility restoration with spermatogonial stem cells*. Current Opinion in Endocrinology, Diabetes & Obesity. 21 September 2017 (IF. 3.690)
45. Calhaz-Jorge C, De Geyter C, Kupka MS, de Mouzon J, Erb K, Mocanu E, Motrenko T, Scaravelli G, **Wyns C**, Goossens V. *Assisted reproductive technology in Europe, 2013: results generated from European registers by ESHRE* Hum Reprod. 2017 Oct 1;32(10):1957-1973. (IF 4.990)
46. Vermeulen M, Poels J, de Michele F, des Rieux A, **Wyns C**. *Erratum to: Restoring Fertility with Cryopreserved Prepubertal Testicular Tissue: Perspectives with Hydrogel Encapsulation, Nanotechnology, and Bioengineered Scaffolds*. Ann Biomed Eng. 2017 Jul;45(7):1782
47. Vermeulen M, Del Vento F, de Michele F, Poels J, **Wyns C**. *Development of a Cytocompatible Scaffold from Pig Immature Testicular Tissue Allowing Human Sertoli Cell Attachment, Proliferation and Functionality*. Int J Mol Sci. 2018 Jan 12 (IF 3.687)
48. Del Vento F, Vermeulen M, de Michele F, Giudice MG, Poels J, des Rieux A, **Wyns C**. *Tissue Engineering to improve testicular Tissue and cell Transplantation Outcomes : One Step Closer to Fertility Restoration for Prepubertal Boys Exposed to Gonadotoxic Treatments*. Int J Mol Sci. 2018 Jan 18;19(1) (IF 3.687)
49. de Michele F, Poels J , Giudice MG, De Smedt F, Ambroise J, Vermeulen M, Gruson D, **Wyns C** . *In vitro formation of the blood-testis barrier during long-term organotypic culture of human prepubertal tissue, compared to a large cohort of pre-peripubertal boys*. [Mol Hum Reprod](#). 2018 May 1;24(5):271-282 (IF 3.396)
50. Vander Borght M, **Wyns C**. *Fertility and infertility: Definition and epidemiology*. Clin Biochem. 2018 Dec; 62:2-10. Epub 2018 Mar 16. Review (IF 2.584)
51. De Geyter C, Calhaz-Jorge C, Kupka M, **Wyns C**, Mocanu E, Motrenko T, Scaravelli G, Smeenk J, Vidakovic S, Goossens V.*ART in Europe, 2014: results generated from European registries by ESHRE: The European IVF-monitoring Consortium (EIM) for the European Society of Human Reproduction and Embryology (ESHRE)*. [Hum Reprod](#). 2018 Sep 1;33(9):1586-1601 (IF 5.506)
52. de Michele F, Poels J, Vermeulen M, Ambroise J, Gruson D, Guiot Y, **Wyns C**. *Haploid Germ Cells Generated in Organotypic Culture of Testicular Tissue From Prepubertal Boys*. Front Physiol. 2018 Oct 9:9:1413 (IF 3.394)
53. Kanbar M, de Michele F, **Wyns C**. *Cryostorage of testicular tissue and retransplantation of*

- spermatogonial stem cells in the infertile male*. Best Pract Res Clin Endocrinol Metab. 2019 Feb;33(1):103-115 (IF 4.417)
54. Giudice MG, Del Vento F, **Wyns C**. *Male fertility preservation in DSD, XXY,pre-gonadotoxic treatments Update, methods,ethical issues, current outcomes*. Best Pract Res Clin Endocrinol Metab. 2019 Jun;33(3):101261 (IF 4.417)
 55. **Wyns C**, Straseski J, Gruson D. *Erratum to 'Editorial: Biomarkers in reproductive health'*; Clin Biochem. 2019 Apr; 66:108. (IF. 2.36)
 56. Vermeulen M, Giudice MG, Del Vento F, **Wyns C**. *Role of stem cells in fertility preservation: current insights*. Stem Cells Cloning. 2019 Aug 5;12:27-48 (I.F. 2.36)
 57. Vermeulen M, Del Vento F, Kanbar M, Ruys PS, Vertommen D, Poels J, **Wyns C**. *Generation of Organized Porcine Testicular Organoids in Solubilized Hydrogels from Decellularized Extracellular Matrix*. Int. J. Mol. Sci. 2019, 20, 5476 (IF 4.183)
 58. Giudice MG, Vermeulen M, **Wyns C**. *Blood Testis Barrier and Somatic Cells Impairment in a Series of 35 Adult Klinefelter Syndrome Patients*. Int J Mol Sci. 2019 Nov 14;20(22) (IF 4.183)
 59. Del Vento F, Vermeulen M, Ucakar B, Poels J, des Rieux A, **Wyns C**. *Significant benefits of nanoparticles containing a necrosis inhibitor on mice testicular tissue autografts outcomes*. Int J Mol Sci. 2019 Nov 20;20(23) (IF 4.183)
 60. Calhaz-Jorge C, De Geyter C, Kupka MS, **Wyns C**, Mocanu E, Motrenko T, Scaravelli G, Smeenk J, Vidakovic S, Goossens V. *ART in Europe, 2015: results generated from European registries by ESHRE*. Hum Reprod Open. 2020 Feb 24;2020(1)
 61. Calhaz-Jorge C, De Geyter C, Kupka MS, **Wyns C**, Mocanu E, Motrenko T, Scaravelli G, Smeenk J, Vidakovic S, Goossens V. *Survey on ART and IUI: legislation, regulation, funding and registries in European countries: The European IVF-monitoring Consortium (EIM) for the European Society of Human Reproduction and Embryology (ESHRE)*. Hum Reprod Open. 2020 Feb 6;2020 (1).
 62. Gholami K, Vermeulen M, Del Vento F, de Michele F, Giudice MG, **Wyns C**. *The air-liquid interface culture of the mechanically isolated seminiferous tubules embedded in agarose or alginate improves in vitro spermatogenesis at the expense of attenuating their integrity*. In Vitro Cell Dev Biol Anim. 2020 Mar;56(3):261-270 (IF 1.645)
 63. Goossens E, Jahnukainen K Mitchell RT, van Pelt AMM, Pennings G, Rives N, **Wyns C**, Neuhaus N, Stukenborg JB. *Fertility preservation in boys: recent developments and new insights*. Hum Reprod Open. 2020 Jun 6;2020(3)
 64. Stukenborg JB, **Wyns C**. *Fertility sparing strategies for pre- and peripubertal male cancer patients*. Ecancermedicallscience. 2020 Feb 27;14:1016 (IF 4.478)
 65. **Wyns C**, Bergh C, Calhaz-Jorge C, De Geyter C, Kupka MS, Motrenko T, Rugescu I, Smeenk J, Tandler-Schneider A Vidakovic S, Goossens V et al. *ART in Europe, 2016: results generated from European registries by ESHRE. European IVF-monitoring Consortium (EIM) for the European Society of Human Reproduction and Embryology (ESHRE)*. Hum Reprod Open. 2020 Jul 31;2020(3)
 66. Hibaoui Y, Botman O, Giudice MG, Ambroise J, Creppe C, Feki A, **Wyns C**. *Modelling Klinefelter syndrome using induced pluripotent stem cells reveals impaired germ cell differentiation*. Front Cell Dev Biol. 2020 Oct 7;8:567454 (IF. 5.180)
 67. Gerday A, Lourtie A, Pirard C, Laurent P, **Wyns C**, Jadoul P, Squifflet J-L, Dolmans MM, Van Gossum JP, Hammer F, Luyckx M. *Experience With Medical Treatment of Cesarean Scar Ectopic Pregnancy (CSEP) With Local Ultrasound-Guided Injection of Methotrexate*. Front Med (Lausanne). 2020 Nov 3;7:564764 (IF. 3.000)
 68. De Geyter C, **Wyns C**, Calhaz-Jorge C, de Mouzon J, Ferraretti AP, Kupka M, Nyboe Andersen A, Nygren KG, Goossens V. *20 years of the European IVF-monitoring Consortium registry: what have we learned? A comparison with registries from two other regions*. Hum Reprod. 2020 Dec; 35(12): 2832–2849. (IF. 5.733)
 69. Lambertini M, Peccatori FA, Demeestere I, Amant F, **Wyns C**, Stukenborg JB, Paluch-Shimon S, Halaska MJ, Uzan C, Meissner J, von Wolff M, Anderson RA, Jordan K. *Fertility preservation and post-treatment pregnancies in post-pubertal cancer patients*.ESMO Clinical Practice Guidelines. Ann Oncol. 2020 Dec;31(12):1664-1678 (IF 32.976)
 70. **Wyns C**, Kanbar M, Giudice MG, Poels J. *Fertility preservation for prepubertal boys: lessons learned from the past and update on remaining challenges towards clinical translation*. Hum Reprod Update. 2021 Apr 21;27(3):433-459 (IF. 15.610)
 71. Woodruff TK, Ataman-Millhouse L, Acharya KS,.....,**Wyns C**, Shuo Xiao, Jing Xu & Mary Zelinski . *A View from the past into our collective future: the oncofertility consortium vision statement*. J Assist Reprod Genet. 2021 Jan;38(1):3-15. (IF. 2.970)
 72. Kanbar M, de Michele F, Giudice MG, Desmet L, Poels J, **Wyns C**. *Long-term follow-up of boys who have undergone a testicular biopsy for fertility preservation*. Human

- Reproduction, Volume 36, Issue 1, January 2021, Pages 26–39. (IF. 6.353)
73. Condorelli, M, De Vos M, Lie Fong S, Autin C, Delvigne A, Vanden Meerschaut F, **Wyns C**, Imbert R, Cheruy C, Bouziotis J, de Azambuja E, Delbaere A, Lambertini M, & Demeestere I. *Impact of ARTs on oncological outcomes in young breast cancer survivors*. Human Reproduction, Volume 36, Issue 2, February 2021, Pages 381–389. (IF. 6.353)
 74. van Wessel S, Hamerlynck T, Schutyser V, Tomassetti C, **Wyns C**, Nisolle M, Verguts J, Colman R, Weyers S, Bosteels J. *Anti-adhesion Gel versus No gel following Operative Hysteroscopy prior to Subsequent fertility Treatment or timed InterCourse (AGNOHSTIC), a randomised controlled trial protocol*. Hum Reprod Open. 2021 Feb 16;2021(1) (IF. 7.130)
 75. Kanbar M, **Wyns C**. *Reply: Fertility restoration in azoospermic cancer survivors from testicular VSEs that survive oncotherapy upon transplanting MSCs*. Hum Reprod Update. 2021 Apr 21;27(3):621-622. (IF 17.179)
 76. Maillard C, Alami ZC, Squifflet J, Luyckx M, Jadoul P, Thomas V, **Wyns C**. *Diagnosis and treatment of vulvo-perineal endometriosis: a systematic review*. Front Surg. 2021 May 11;8:637180. (IF 2.45)
 77. Kanbar M, Vermeulen M, **Wyns C**. [Organoids as tools to investigate the molecular mechanisms of male infertility and its treatments](#). Reproduction. 2021 May;161(5):R103-R112. (IF 3.923)
 78. Del Vento F, Poels J, Vermeulen M, Ucakar B, Giudice MG, Kanbar M, des Rieux A and **Wyns C**. *Accelerated and Improved Vascular Maturity after Transplantation of Testicular Tissue in Hydrogels Supplemented with VEGF- and PDGF-Loaded Nanoparticles*. Int J Mol Sci. 2021 May 28;22(11):5779 (IF 6.208)
 79. **Wyns C**, De Geyter C, Calhaz-Jorge C, Kupka MS, Motrenko T, Smeenk J, Bergh C, Tandler-Schneider A, Rugescu IA, Vidakovic S, Goossens V. [ART in Europe, 2017: results generated from European registries by ESHRE](#). European IVF-Monitoring Consortium (EIM) for the European Society of Human Reproduction and Embryology (ESHRE). Hum Reprod Open. 2022 Jul 5;2022(3) (IF 7.130)
 80. Kanbar M, Delwiche G, **Wyns C**. *Fertility preservation for prepubertal boys : are we ready for autologous grafting of cryopreserved immature testicular tissue ?* Ann Endocrinol (Paris). 2022 Jun ; 83(3):210-217 (IF 2.478)
 81. Kanbar M, de Michele F, Poels J, Van Loo S, Giudice MG, Gilet T, **Wyns C**. *Microfluidic and Static Organotypic Culture Systems to Support Ex Vivo Spermatogenesis From Prepubertal Porcine Testicular Tissue: A Comparative Study*. Front Physiol. 2022 Jun;13:884122 (IF 4.755)
 82. **Wyns C**, De Geyter C, Calhaz-Jorge C, Kupka MS, Motrenko T, J Smeenk J, Bergh C, Tandler-Schneider A, Rugescu I, Goossens V. *ART in Europe, 2018: results generated from European registries by ESHRE*. Hum Reprod Open. 2022 Jul 5;2022(3) (IF. 7.130)
 83. Kourta D, Kanbar M, Amorim CA, **Wyns C**. *Cancer cell contamination and decontamination methods for ovaries and testes: special focus on prepubertal gonads with a view to safe fertility restoration*. Hum Reprod. 2023 May 2;38(5):780-798. (IF 6.353)
 84. Pinborg A, Blockeel C, Campbell A, Coticchio G, Garcia-Velasco JA, Santulli P, De Geyter C, **Wyns C**. *The time has come for harmonized international ART registration*. Reprod Biomed Online. 2023 Mar 7;S1472-6483(23)00154-2. (IF 4.567)
 85. Vanden Meerschaut F, Blockeel C, Blaiberg S, Delbaere A, Delvigne A, Henry L, Imbert I, Lie Fong S, Van De Vijver A, **Wyns C**, Neubourg D. *A multicenter study on rates and reasons for treatment discontinuation in patients with remaining cryopreserved embryos*. Reprod Biomed Online 2023 Mar ;46(3) :631-641.(IF. 4.567)
 86. De Geyter C, Calhaz-Jorge C, Goossens V, Magli CM, Smeenk J, Vesela K, Vermeulen N, **Wyns C**. *EuMAR: a roadmap towards a prospective, cycle-by-cycle registry of medically assisted reproduction in Europe*. Human Reproduction Open, 2023, 2023(2) (IF 7.130)
 87. Agarwal A, Farkouh A, Saleh R, Abdel-Meguid Hamoda TAA, Harraz AM, Kavoussi P, Arafa M, Salvio G, Rambhatla A, Toprak T, Gül M, Phuoc NHV, Boitrelle F, Birowo P, Ghayda RA, Cannarella R, Kuroda S, Durairajanayagam D, Zini A, **Wyns C** et al.. *Controversy and Consensus on Indications for Sperm DNA Fragmentation Testing in Male Infertility: A Global Survey, Current Guidelines, and Expert Recommendations*. World J Mens Health. 2023 Jul;41(3):575-602 (IF 6.494)
 88. Leonel ECR, Dadashzadeh A, Moghassemi S, Vlieghe H, **Wyns C**, Orellana R, Amorim CA. *New Solutions for Old Problems : How Reproductive Tissue Engineering Has Been Revolutionizing Reproductive Medicine*. Ann Biomed Eng. 2023 Oct;51(10):2143-2171 (IF. 4.219)
 89. Smeenk J, **Wyns C**, De Geyter C, Kupka M, Bergh C, Cuevas Saiz I, De Neubourg D, Rezabek K, Tandler-Schneider A, Rugescu I, Goossens V. *ART in Europe, 2019: results generated from European registries by ESHRE European IVF Monitoring Consortium (EIM)*

for the European Society of Human Reproduction and Embryology (ESHRE). Hum Reprod. 2023 Dec 4;38(12):2321-2338 (IF. 6.353)

90. Adam F, Favez N, Pirard C, **Wyns C**, Equeter C, Grimm E, Michaux N. Assessment of sexual function before medically assisted procreation: A mixed-methods study among a sample of infertile women and men cared for in a fertility center, Sexual & Reproductive Healthcare, Volume 38, December 2023, 100922 (IF. 1.800)
91. De Windt S, Kourta D, Kanbar M, **Wyns C**. Optimized Recovery of Immature Germ Cells after Prepubertal Testicular Tissue Digestion and Multi-Step Differential Plating: A Step towards Fertility Restoration with Cancer-Cell-Contaminated Tissue. Int J Mol Sci. 2023 Dec 30;25(1):521. (IF. 5.6)
92. Agarwal A, Farkouh A, Saleh R, Hamoda TAA, Salvio G, Boitrelle F, Harraz AM, Ghayda RA, Kavoussi P, Gül M, Toprak T, Russo GI, Durairajanayagam D, Rambhatla A, Birowo P, Cannarella R, Phuoc NVH, Zini A, Arafa M, **Wyns C**, et al., Technical Aspects and Clinical Limitations of Sperm DNA Fragmentation Testing in Male Infertility: A Global Survey, Current Guidelines, and Expert Recommendations. World J Mens Health. 2024 Jan;42(1):202-215 (IF. 6.494)
93. Kourta D, Camboni A, Saussoy P, Kanbar M, Poels J, **Wyns C**. [Evaluating testicular tissue for future autotransplantation: focus on cancer cell contamination and presence of spermatogonia in tissue cryobanked for boys diagnosed with a hematological malignancy.](#) Hum Reprod. 2024 Mar 1;39(3):486-495. (IF. 6.353)
94. Duffin K, Neuhaus N, Yding Andersen C, Barraud-Lange V, Braye A, Eguizabal C,**Wyns C**, Mitchell RT. A 20-year overview of fertility preservation in boys: new insights gained through a comprehensive international survey. Hum Reprod Open. 2024 Feb 16;2024(2) (IF.8.3)
95. Rupin Shah R, Rambhatla A, Atmoko W, **Wyns C** et al. Global Practice Patterns in the Evaluation of Non-Obstructive Azoospermia: Results of a World-Wide Survey and Expert Recommendations. World J Mens Health. 2024. PMID: 38606865 (I.F. 6.494)
96. Vallée A, Saridogan E, Petraglia F, Keckstein J, Polyzos N, **Wyns C**, Gianaroli L, Tarlatzis B, Ayoubi JM, Feki A; Montreux Reproductive Summit Working Group. [Horizons in Endometriosis: Proceedings of the Montreux Reproductive Summit, 14-15 July 2023.](#) Facts Views Vis Obgyn. 2024 Apr 11;16(16 Suppl 1):1-32.
97. Japari A, Altay B, **Wyns C**, Cayan S, Saleh R, Shah R & Agarwal A. Testicular sperm extraction for men with cryptozoospermia – are we jumping the gun? Arab Journal of Urology, DOI: 10.1080/20905998.2024.2367333 Published online: 12 Jun 2024
98. Kwaspen L, Kanbar M and Wyns C. Mapping the Development of Human Spermatogenesis Using Transcriptomics-Based Data: A Scoping Review. Int. J. Mol. Sci. June 2024, 25, 6925. <https://doi.org/10.3390/ijms25136925> (IF 4.9)
99. Mangoli V, Evgeni E, Wyns C. Sperm cryopreservation protocol for micro-TESE-retrieved sperm. Asian J Androl. 2024 Sep 10. (I.F. 3.0)
100. Calhaz-Jorge C, Smeenk J, Wyns C, De Neubourg D, Baldani DP, Bergh C, Cuevas-Saiz I, De Geyter C, Kupka MS, Rezabek K, Tandler-Schneider A, Goossens V. Survey on ART and IUI: legislation, regulation, funding, and registries in European countries-an update. European IVF-Monitoring Consortium (EIM) for the European Society of Human Reproduction and Embryology (ESHRE). Hum Reprod. 2024 Sep 1;39(9):1909-1924. (IF 6.0)
101. Blockeel C, Guivarc'h-Leveque A, Rongieres C, Swierkowski-Blanchard N, Porcu-Buisson G, Yazbeck C, Wyns C. From patient classification to optimized treatment in ART: the AMPLITUDE Delphi consensus. Front Reprod Health. 2024 Sep 27;6:1467322. (I.F 2.3)
102. Achótegui Sebastián E, Calhaz-Jorge C, De Geyter C, Ebner T, Plancha CE, Goossens V, Pinborg A, Polyzos NP, Rossignoli L, Rugescu IA, Smeenk J, Strowitzki T, Tassot J, Mocanu EV, Vermeulen N, Wyns C, Magli MC. EuMAR stakeholder engagement: an analysis of medically assisted reproduction (MAR) data collection practices in EU countries. Hum Reprod. 2024 Nov 1;39(11):2379-2386. (IF. 6.0)
103. Giudice MG, Kanbar M, Poels J, Duquenne A, Wyns C. Long-term culture of human Sertoli cells from adult Klinefelter patients as a first step to develop new tools for unravelling the testicular physiopathology. Hum Reprod. 2024 Nov 1;39(11):2400-2410. (IF 6.0)
104. Wyns C, Vogiatzi P, Saleh R, Shah R and Agarwal A. Sperm morphology value in assisted reproduction: dismantling an enigma and key takeaways for the busy clinician. Therapeutic Advances in Reproductive Health Volume 18, 2024 <https://doi.org/10.1177/26334941241303888> (IF 3.1)
105. Pirard C, Laurent P, Wyns C, Giudice MG, Watremez C, Momeni M, Fabienne Roelants F. Impact of virtual reality with or without hypnosis before oocyte retrieval: a randomised study. Complement Ther Med. 2025 Jan 3:103125. Doi 10.1016/j.ctim.2024.103125. (IF.

3.3)

106.

Projects

PI of 17 clinical trials since 2012 in gynecology-andrology-infertility

Translational research in male infertility and fertility preservation of prepubertal boys facing gonadotoxic therapies with the support of FNRS-Télévie and FCC (foundation against cancer)

Expert for AFMPS/FAGG

External jury member for research projects of ANR (Agence nationale de recherche) in France

Chair of the HCERES (Haut Conseil de l'Evaluation de la Recherche et de l'Enseignement Supérieur) expert committee to evaluate a research unit in a french university France

Member of the project steering committee and chair of a WP for a research project cofunded by the EU4Health program and ESHRE to develop a pan-european registry of medically assisted reproduction treatment cycles (EuMAR project)

Memberships

2021 to present preservation	International society of IVF; Coordinator SIG fertility
06/2019 to present 2019-2022	EIM Consortium-ESHRE; past Chair ESHRE-European IVF monitoring; Chair
2019 to present	European Affairs committee (ESHRE)
2018 to present Fertility; Board member	Belgian Advisory Board for Framingham on
2017 to 2020 Medicine; Vice-President	Belgian College of Physicians for Reproductive
06/2015 to present 2014 to 2018	ESHRE, Steering Committee of the EIM Consortium GGOLFB; Board of Administration
2013 to present 09/2013 to 2017 Medicine; Chair	International society of IVF; Board of directors Belgian College of Physicians for Reproductive
2012-2013 scientific Committee	SEG (European society of gynaecology); National
1/10/2012 to 2018 Board	Reproductive Medicine Working Group (GGOLFB);
1/7/2012 to 2015 Board	ESHRE Task Force on Male Fertility Preservation;
1/4/2011 to 2017 Board	Belgian Society of Reproductive Medicine (BSRM);
1/9/2008 to present Member	International Society for Fertility Preservation (ISFP);
2007-2013 director	BeSSM : responsible of communication, founding
1/2007 to 2008 Directive on Tissues and cells to Belgian legislation; Active Member	Working Group for translation of European
2006 to 2020	BELRAP registration commission; Board
1/1/2006 to present Control in	Institute of Public Health (IPH), Expert on Quality
22/5/2003 to 2010 Secretary	Andrology College of physicians in reproductive medicine;
1/1/2003 to 2012 (C.P.S.M); Board of directors)	Centre de Pathologie Sexuelle Masculine

Other Relevant Information

Associate-editor in scientific journals

2023 to present	Human Reproduction update
2019 to 01/2023	Human Reproduction
2019 and 2023 editor)	International Journal of Molecular Science (Guest
2015 to 2016	Asian Pacific journal of Reproduction
2013 to present	Frontiers in Surgery-Gynaecology & Obstetrics