

PERSONAL INFORMATION **Johan Verhaeghe**

## WORK EXPERIENCE

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- October 1984-September 1988 **Aspirant Navorsers (Predoctoral researcher, full time) (1984-1988)**  
Fund for Scientific Research, Flanders (Belgium)  
Research, writing of PhD thesis and publications
- September 1993-August 1998 **Fundamenteel klinisch onderzoek (Postdoctoral researcher, part time 50%) (1993-1998)**  
Fund for Scientific Research, Flanders (Belgium)  
Research, writing of PhD thesis and publications
- February 1989-January 1990 **Perinatal Fellow**  
University of Cape Town, Groote Schuur (South Africa)  
Clinical duties
- October 1988-January 1989 **Assistent**  
Katholieke Universiteit Leuven (Belgium)  
Teaching and research at the KU Leuven
- October 1992- Present **Docent (Associate Professor), hoofddocent, hoogleraar (Professor), gewoon hoogleraar (senior professor)**  
Katholieke Universiteit Leuven (Belgium)  
Teaching and research at the KU Leuven  
01.10.1992-30.09.1994: Docent (Associate Professor)  
01.10.1994-30.09.1997: Hoofddocent  
01.10.1997-30.09.2001: Hoogleraar (Professor)  
01.10.2001-now: Gewoon hoogleraar 20% (Senior professor)
- February 1990- Present **Assistant (Registrar), Resident (Junior staff), Adjunct-Supervisor, Supervisor 50%, Adjunct-Kliniekhoofd (Senior staff) 50%, Adjunct-kliniekhoofd full time, Kliniekhoofd (Subhead of department)**  
Universitaire Ziekenhuizen Leuven (Belgium)  
Clinical duties  
01.02.1990-31.07.1991: Assistant (Registrar)  
01.08.1991-31.07.1992: Resident (Junior staff)  
01.08.1992-31.07.1993: Adjunct-Supervisor  
01.08.1993-31.07.1995: Supervisor part time 50%  
01.08.1995-31.08.1998: Adjunct-Kliniekhoofd (Senior staff) part time 50%  
01.09.1998-31.12.2006: Adjunct-Kliniekhoofd full time  
01.01.2007-present time: Kliniekhoofd (Subhead of department)

## EDUCATION AND TRAINING

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- October 1977-June 1984 **MD: Doctor in Genees-, heel- en vroedkunde (Doctor in medicine, surgery and obstetrics)**  
Katholieke Universiteit Leuven (Belgium)
- July 1984-July 1991 **Specialist (Consultant) endorsed by Belgian (Flemish-speaking) College of Gynaecologists**  
Katholieke Universiteit Leuven (Belgium)

## ADDITIONAL INFORMATION

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- Expertise** Endocrinology of pregnancy and gynaecological endocrinology
- Publications** ANNEXES

## PUBLICATIONS

1. In international journals (Index Medicus) with formal peer review, English language
1. Verhaeghe J., Bouillon R., Nyomba B.L., Lissens W., Van Assche F.A. Vitamin D and bone mineral homeostasis during pregnancy in the diabetic BB rat. *Endocrinology* 118, 1019-1025, 1986. (7 p.)
2. Verhaeghe J., Bouillon R., Lissens W., Visser W.J., Van Assche F.A. Diabetes and low Ca-P diet have opposite effects on adult and fetal bone mineral metabolism. *American Journal of Physiology (Endocrinol. Metab.)* 254: E496-E504, 1988. (9 p.)
3. Verhaeghe J., Thomasset M., Bréhier A., Van Assche F.A., Bouillon R. 1,25-(OH)<sub>2</sub>D<sub>3</sub> and Ca-binding protein in fetal rats: relationship to the maternal vitamin D status. *American Journal of Physiology (Endocrinol. Metab.)* 254: E505-E512, 1988. (8 p.)
4. Verhaeghe J., Van Herck E., Van Bree R., Van Assche F.A., Bouillon R. Osteocalcin during the reproductive cycle in normal and diabetic rats. *Journal of Endocrinology* 120: 143-151, 1989. (9 p.)
5. Nyomba B.L., Verhaeghe J., Thomasset M., Lissens W., Bouillon R. Bone mineral homeostasis in spontaneously diabetic BB rats. I. Abnormal vitamin D metabolism and impaired active intestinal calcium absorption. *Endocrinology* 124: 565-572, 1989. (8 p.)
6. Verhaeghe J., Suiker A.M.H., Nyomba B.L., Visser W.J., Einhorn T.A., Dequeker J., Bouillon R. Bone mineral homeostasis in spontaneously diabetic BB rats. II. Impaired bone turnover and decreased osteocalcin synthesis. *Endocrinology* 124: 573-582, 1989. (10 p.)
7. Verhaeghe J., Peeters T.L., Vandeputte M., Rombauts W., Bouillon R., Van Assche F.A. Maternal and fetal endocrine pancreas in the spontaneously diabetic BB rat. *Biology of the Neonate* 55: 298-308, 1989. (11 p.)
8. Verhaeghe J., Van Herck E., Visser W.J., Suiker A.M.H., Thomasset M., Einhorn T.A., Faierman E., Bouillon R. Bone and mineral metabolism in BB rats with long-term diabetes. Decreased bone turnover and osteoporosis. *Diabetes* 39: 477-482, 1990. (6 p.)
9. Verhaeghe J., Visser W.J., Einhorn T.A., Bouillon R. Osteoporosis and diabetes: lessons from the diabetic BB rat. *Hormone Research* 34, 245-248, 1990. (4 p.)
10. Verhaeghe J., Thomasset M., Van Assche F.A., Bouillon R. Osteocalcin is vitamin D-dependent during the perinatal period in the rat. *Journal of Developmental Physiology* 14, 311-317, 1990. (7 p.)
11. Verhaeghe J., Anthony J., Davey D.A. Platelet count and liver function tests in proteinuric and chronic hypertension during pregnancy. *South African Medical Journal* 79: 590-594, 1991. (5 p.)
12. Verhaeghe J., Bouillon R. Calcitropic hormones during reproduction. *Journal of Steroid Biochemistry and Molecular Biology*, 41: 469-477, 1992. (9 p.)
13. Verhaeghe J., Suiker A.M.H., Visser W.J., Van Herck E., Van Bree R., Bouillon R. The effects of systemic insulin, insulin-like growth factor-I and growth hormone on bone growth and turnover in spontaneously diabetic BB rats. *Journal of Endocrinology*, 134: 485-492, 1992. (8 p.)
14. Holemans K., Van Bree R., Verhaeghe J., Aerts L., Van Assche F.A. In vivo glucose utilization by individual tissues in virgin and pregnant offspring of severely diabetic rats. *Diabetes* 42: 530-536, 1993. (7 p.)
15. Massa G., Verhaeghe J., Vanderschueren-Lodeweyckx M., Bouillon R. Normalization of decreased plasma concentrations of growth hormone-binding protein by insulin treatment in spontaneously diabetic BB rats. *Hormone and Metabolic Research* 25: 325-326, 1993. (2 p.)
16. Verhaeghe J., Van Bree R., Van Herck E., Laureys J., Bouillon R., Van Assche F.A. C-peptide, the insulin-like growth factors-I and -II, and IGF-binding protein 1 in umbilical cord serum: correlations with birthweight. *American Journal of Obstetrics and Gynecology* 169: 89-97, 1993. (9 p.)
17. Verhaeghe J., Suiker A.M.H., Van Bree R., Van Herck E., Jans I., Visser W.J., Thomasset M., Allewaert K., Bouillon R. Increased clearance of 1,25-dihydroxyvitamin D<sub>3</sub> and tissue specific end organ responsiveness to 1,25(OH)<sub>2</sub>D<sub>3</sub> in spontaneously diabetic BB rats. *American Journal of Physiology (Endocrinology & Metabolism)* 265: E215-E223, 1993. (9 p.)
18. Verhaeghe J., Bouillon R. Actions of insulin and the IGFs on bone. *News in Physiological Sciences* 9: 20-22, 1994. (3 p.)
19. Vanderschueren D., Jans I., Van Herck E., Moermans K., Verhaeghe J., Bouillon R. Time-related increase of biochemical markers of bone turnover in androgen-deficient male rats. *Bone and Mineral* 26: 123-131, 1994. (9 p.)
20. Verhaeghe J., Allewaert K., Van Herck E., Van Bree R., Van Assche F.A., Bouillon R.

- 1,25-Dihydroxyvitamin D<sub>3</sub> and osteocalcin in maternal and fetal guinea pigs. *Bone and Mineral* 26: 261-273, 1994. (13 p.)
21. Verhaeghe J., Suiker A.M.H., Einhorn T.A., Geusens P., Visser W.J., Van Herck E., Van Bree R., Magitsky S., Bouillon R. Brittle bones in spontaneously diabetic BB rats cannot be predicted by bone mineral measurements: studies in diabetic and ovariectomized rats. *Journal of Bone and Mineral Research* 9: 1657-1667, 1994. (11 p.)
22. Van Hoe L., Amant F., Gyspeerdts S., Marchal G., Verhaeghe J., Baert A. Liver involvement in HELLP syndrome: CT and MRI findings in two patients. *European Radiology* 5: 331-334, 1995. (4 p.)
23. Verhaeghe J., Van Herck E., van Bree R., Bouillon R. Effects of IGF-I, alone and in combination with 17 $\beta$ -oestradiol, on bone remodelling parameters in ovariectomised rats. *Growth Regulation* 5: 210-217, 1995. (8 p.)
24. Verhaeghe J., Van Herck E., Bouillon R. Umbilical cord osteocalcin in normal pregnancies and pregnancies complicated by fetal growth retardation or diabetes mellitus. *Biology of the Neonate* 68: 377-383, 1995. (7 p.)
25. Holemans K., Verhaeghe J., Dequeker J., Van Assche F.A. Insulin sensitivity in adult female rats subjected to malnutrition during the perinatal period. *Journal of the Society for Gynecologic Investigation* 3: 71-77, 1996. (7 p.)
26. Verhaeghe J., van Bree R., Van Herck E., Thomas H., Skottner A., Dequeker J., Mosekilde Li, Einhorn T.A., Bouillon R. Effects of recombinant human growth hormone and insulin-like growth factor-I, with or without 17 $\beta$ -estradiol, on bone and mineral homeostasis of aged ovariectomized rats. *Journal of Bone and Mineral Research* 11: 1723-1735, 1996. (13 p.)
27. Verhaeghe J., Loos R., Vlietinck R., Van Herck E., van Bree R., De Schutter A.-M. C-peptide, insulin-like growth factors I and II, and insulin-like growth factor binding protein-1 in cord serum of twins: genetic versus environmental regulation. *American Journal of Obstetrics and Gynecology* 175: 1180-1188, 1996. (9 p.)
28. Verhaeghe J., Oloumi G., Van Herck E., van Bree R., Dequeker J., Einhorn TA, Bouillon R. Effects of long-term diabetes or/and high-dose 17-estradiol on bone formation, bone mineral density and strength in ovariectomized rats. *Bone* 20: 421-428, 1997. (8 p.)
29. Holemans K., Van Bree R., Verhaeghe J., Meurrens K., Van Assche F.A. Maternal semistarvation and streptozotocin-diabetes in rats have different effects on the in vivo glucose uptake by peripheral tissues in their female adult offspring. *Journal of Nutrition* 127: 1371-1376, 1997. (6 p.)
30. Verhaeghe J., Van Herck E., van Bree R., Moermans K., Bouillon R. Decreased osteoblast activity in spontaneously diabetic rats. In vivo studies on the pathogenesis. *Endocrine* 7: 165-175, 1997. (11 p.)
31. Evrard VA, Flageole H, Deprest JA, Vandenberghe K, Verhaeghe J, Lerut TE. Intrauterine tracheal obstruction, a new treatment for congenital diaphragmatic hernia, decreases amniotic fluid sodium and chloride concentrations in the fetal lamb. *Annals of Surgery* 226, 753-758, 1997. (6 p.)
32. Verhaeghe J., Van Herck E., van Bree R., Bouillon R., Dequeker J., Keith J.C., Jr. Recombinant human interleukin-11 does not modify biochemical parameters of bone remodeling and bone mineral density in adult ovariectomized rats. *Journal of Interferon and Cytokine Research* 18: 49-53, 1998. (5 p.)
33. Verhaeghe J., van Bree R., van Herck E., Rummens K., Vercruyssen L., Bouillon R., Pijnenborg R. The pathogenesis of fetal hypomineralization in diabetic rats: evidence for delayed bone maturation. *Pediatric Research* 45: 209-217, 1999. (9 p.)
34. Verhaeghe J, Coopmans W, Van Herck E, Van Schoubroeck D, Deprest JA, Witters I. IGF-I, IGF-II, IGF binding protein 1, and C-peptide in second trimester amniotic fluid are dependent on gestational age but do not predict weight at birth. *Pediatric Research* 46: 101-108, 1999. (8 p.)
35. Verhaeghe J, van Bree R, Van Herck E, Jans I, Zaman Z, Bouillon R. Calcitrophic hormones during experimental hypocalcaemia and hypercalcaemia in spontaneously diabetic rats. *Journal of Endocrinology* 162: 251-258, 1999. (8 p.)
36. Naulaers G, Barten S, Vanhole C, Verhaeghe J, Devlieger H. Management of severe neonatal anemia due to fetomaternal transfusion. *American Journal of Perinatology* 16: 193-196, 1999. (4 p.)
37. Verhaeghe J, Thomsen JS, van Bree R, van Herck E, Bouillon R, Mosekilde Li. Effects of exercise and disuse on bone remodeling, bone mass, and biomechanical competence in spontaneously diabetic female rats. *Bone* 27: 249-256, 2000. (8 p.)
38. Rummens K, Van Herck E, van Bree R, Bouillon R, Van Assche FA, Verhaeghe J. Dietary calcium and phosphate restriction in guinea-pigs during pregnancy: fetal mineralization induces

- maternal hypocalcaemia despite increased 1,25-dihydroxycholecalciferol concentrations. *British Journal of Nutrition* 84: 495-504, 2000. (10 p.)
39. Verhaeghe J, Bougoussa M, Van Herck E, de Zegher F, Hennen G, Igout A. Placental growth hormone and IGF-I in a pregnant woman with Pit-1 deficiency. *Clinical Endocrinology (Oxford)* 53: 645-647, 2000. (3 p.)
40. Van Schoubroeck D, Verhaeghe J. Does local anesthesia at mid-trimester amniocentesis decrease pain experience? A randomized trial in 220 patients. *Ultrasound in Obstetrics & Gynecology* 16: 536-538, 2000. (3 p.)
41. Verhaeghe J, Billen J, Giudice LC. Insulin-like growth factor-binding protein-1 in umbilical artery and vein of term fetuses with signs suggestive of distress during labor. *Journal of Endocrinology* 170: 585-590, 2001. (6 p.)
42. Verhaeghe J, Pintiaux A, Van Herck E, Hennen G, Foidart J-M, Igout A. Placental GH, IGF-I, IGF-binding protein-1, and leptin during a glucose challenge test in pregnant women: relation with maternal body weight, glucose tolerance, and birth weight. *Journal of Clinical Endocrinology and Metabolism* 87: 2875-2882, 2002. (8 p.)
43. Rummens K, van Bree, Van Herck E, Zaman Z, Bouillon R, Van Assche FA, Verhaeghe J. Vitamin D-deficiency in guinea pigs: exacerbation of bone phenotype during pregnancy and disturbed fetal mineralization, with recovery by 1,25(OH)2D3 infusion or dietary calcium-phosphate supplementation. *Calcified Tissue International* 71:364-375, 2002. (12 p.)
44. Loos RJF, Phillips DIW, Fagard R, Beunen G, Derom C, Mathieu C, Verhaeghe J, Vlietinck R. The influence of maternal BMI and age in twin pregnancies on insulin resistance in the offspring. *Diabetes Care* 25: 2191-2196, 2002. (6 p.)
45. Verhaeghe J, Van Herck E, Billen J, Moerman P, Van Assche FA, Giudice LC. Regulation of insulin-like growth factor-I and insulin-like growth factor-binding protein-1 concentrations in preterm fetuses. *American Journal of Obstetrics and Gynecology* 188: 485-491, 2003. (7 p.)
46. Caluwaerts S, Holemans K, van Bree R, Verhaeghe J, Van Assche FA. Is low-dose streptozotocin in rats an adequate model for gestational diabetes mellitus? *Journal of the Society for Gynecologic Investigation* 10: 216-221, 2003 (6 p.)
47. Loos RJF, Verhaeghe J, de Zegher F, Beunen G, Derom C, Fagard R, Mathieu C, Vlietinck R. Markers for cardiovascular disease in monozygotic twins discordant for the use of third-generation oral contraceptives. *Journal of Human Hypertension* 17: 481-485, 2003 (5 p.)
48. Verhaeghe J. Turbulent times for hormone replacement therapy: is there a way out? *Gynecologic and Obstetric Investigation* 56: 43-50, 2003 (8 p.)
49. Rummens K, Van Cromphaut SJ, Carmeliet G, Van Herck E, van Bree R, Stockmans I, Bouillon R, Verhaeghe J. Pregnancy in mice lacking the vitamin D receptor: normal maternal skeletal response, but fetal hypomineralization rescued by maternal calcium supplementation. *Pediatric Research* 54: 466-473, 2003 (8 p.).
50. Van Cromphaut SJ, Rummens K, Stockmans I, Van Herck E, Dijcks FA, Ederveen AGH, Carmeliet P, Verhaeghe J, Bouillon R, Carmeliet G. Intestinal calcium transporter genes are upregulated by estrogens and the reproductive cycle through vitamin D receptor-independent mechanisms. *Journal of Bone Mineral Research* 18: 1725-1736, 2003 (12 p.).
51. Van de Velde M, Teunkens A, Hanssens M, Vandermeersch E, Verhaeghe J. Intrathecal sufentanil and fetal heart rate abnormalities: a double-blind, double placebo-controlled trial comparing two forms of combined spinal epidural analgesia with epidural analgesia in labor. *Anesthesia and Analgesia* 98: 1153-1159, 2004 (7 p.)
52. De Bock K, Richter EA, Russell AP, Eijnde BO, Derave W, Ramaekers M, Koninckx E, Léger B, Verhaeghe J, Hespel P. Exercise in the fasted state facilitates fibre type-specific intramyocellular lipid breakdown and stimulates glycogen resynthesis in humans. *Journal of Physiology* 546: 649-660, 2005 (12 p.).
53. Verhaeghe J, van Bree R, van Herck E, Coopmans W. Exogenous corticosteroids and in utero oxygenation modulate indices of fetal insulin secretion. *Journal of Clinical Endocrinology and Metabolism* 90: 3449-3453, 2005 (5 p.)
54. Verhaeghe J, van Bree R, Lambin S, Caluwaerts S. Adipokine profile and C-reactive protein in pregnancy: effects of glucose challenge response versus body mass index. *Journal of the Society for Gynecologic Investigation*, 12: 330-334, 2005 (5 p.)
55. Modena MG, Sismondi P, Mueck AO, Kuttann F, de Lignières B, Verhaeghe J, Foidart JM, Caufriez A, Genazzani AR, TREAT Collaborative Study Group. New evidence regarding hormone replacement therapies is urgently required. Transdermal postmenopausal hormone therapy differs from oral hormone therapy in risks and benefits. *Maturitas* 52: 1-10, 2005 (10 p.).

56. Verhaeghe J, van Bree R, Van Herck E. Maternal body size and birth weight: can insulin or adipokines do better? *Metabolism Clinical and Experimental* 55: 339-344, 2006 (6 p.)
57. Caluwaerts S, Holemans K, van bree R, Verhaeghe J, Van Assche FA. Aging does not aggravate the pregnancy-induced adaptations in glucose tolerance in rats. *Metabolism Clinical and Experimental* 55: 409-414, 2006 (6 p.)
58. Lambin S, van Bree R, Vergote I, Verhaeghe J. Chronic tumor necrosis factor- in gravid C57BL6/J mice accelerates adipose tissue development in female offspring. *Journal of the Society for Gynecologic Investigation* 13: 558-565, 2006 (8 p.)
59. Lambin S, van Bree R, Caluwaerts S, Vercruysse L, Vergote I, Verhaeghe J. Adipose tissue in offspring of Leprdb/+ mice: early-life environment vs. genotype. *American Journal of Physiology Endocrinology and Metabolism* 292: E262-E271, 2007 (10 p.)
60. Morales L, Pans S, Paridaens R, Westhovens R, Timmerman D, Verhaeghe J, Wildiers H, Leunen K, Amant F, Berteloot P, Smeets A, Van Limbergen E, Weltens C, Van den Bogaert W, De Smet L, Vergote I, Christiaens M-R, Neven P. Debilitating musculoskeletal pain and stiffness with letrozole and exemestane: associated tenosynovial changes on magnetic resonance imaging. *Breast Cancer Research and Treatment* 104: 87-91, 2007 (5 p.)
61. Verhaeghe J, Vanstapel F, Van Bree R, Van Herck E, Coopmans W. Transient catabolic state with reduced IGF-I after antenatal glucocorticoids. *Pediatric Research* 62: 295-300, 2007 (6 p.)
62. Caluwaerts S, Lambin S, van Bree R, Peeters H, Vergote I, Verhaeghe J. Diet-induced obesity in gravid rats engenders early hyperadiposity in the offspring. *Metabolism Clinical and Experimental* 56:1431-1438, 2007 (8 p.)
63. Hemmeryckx B, van Bree R, Van Hoef B, Vercruysse L, Lijnen HR, Verhaeghe J. Adverse adipose phenotype and hyperinsulinemia in gravid mice deficient in placental growth factor. *Endocrinology* 149: 2176-2183, 2008 (8 p.)
64. Verhaeghe J. Does the physiological acromegaly of pregnancy benefit the fetus? *Gynecologic and Obstetric Investigation* 66: 217-226, 2008 (10 p.)
65. Verhaeghe J. Physiological acromegaly of pregnancy. *Expert Reviews in Endocrinology and Metabolism* 4: 1-3, 2009 (3 p.)
66. Devlieger R, Verhaeghe J, Coopmans W, Deprest JA. IGFBP-1 levels in cervicovaginal secretions before and after amniocentesis. *Gynecologic and Obstetric Investigation* 67: 9-12, 2009 (4 p.)
67. Van Mieghem T, Gucciardo L, Lewi P, Lewi L, Van Schoubroeck D, Devlieger R, De Catte L, Verhaeghe J, Deprest J. Validation of the fetal myocardial performance index in the second and third trimesters of gestation. *Ultrasound in Obstetrics and Gynecology* 33: 58-63, 2009 (6 p.)
68. Van Mieghem T, Deprest J, Klaritsch P, Gucciardo L, Doné E, Verhaeghe J, Lewi L. Ultrasound prediction of intertwin birth weight discordance in mono chorionic diamniotic twin pregnancies. *Prenatal Diagnosis* 29: 240-244, 2009 (5 p.)
69. Van Mieghem T, Klaritsch P, Doné E, Gucciardo L, Lewi P, Verhaeghe J, Lewi L Deprest J. Assessment of fetal cardiac function before and after therapy for twin-to-twin transfusion syndrome. *American Journal of Obstetrics and Gynecology* 200: 400.e1-400.e7, 2009 (7 p.)
70. Van Mieghem T, Gucciardo L, Doné E, Van Schoubroeck D, Graatsma EM, Visser GHA, Verhaeghe J, Deprest J. Left ventricular cardiac function in fetuses with congenital diaphragmatic hernia and the effect of fetal endoscopic tracheal occlusion. *Ultrasound in Obstetrics and Gynecology* 34: 424-429, 2009 (6 p.)
71. Van Mieghem T, van Bree R, Van Herck E, Deprest J, Verhaeghe J. IGF-II regulates plasma volume expansion during pregnancy in rats. *American Journal of Physiology Comparative, Regulatory and Integrative Physiology* 297:R1615-R1621, 2009 (7 p.)
72. Aerts L, Enzlin P, Verhaeghe J, Vergote I, Amant F. Sexual and psychological functioning after pelvic surgery for gynaecological cancer. *European Journal of Gynaecological Oncology* 30: 652-656, 2009 (5 p.)
73. Verhaeghe J, van Bree R, Van Herck E. Oxidative stress after antenatal betamethasone: acute downregulation of glutathione peroxidase-3. *Early Human Development* 85: 767-771, 2009 (5 p.)
74. Coolen JCG, Verhaeghe J. Physiology and clinical value of glycosuria after a glucose challenge test during pregnancy. *European Journal of Obstetrics, Gynecology and Reproductive Biology* 150: 132-136, 2010 (5 p.)
75. Reid RL, Westhoff C, Mansour D, de Vries C, Verhaeghe J, Boschitsch E, Gompel A, Birkhäuser M, Kepelka P, Duliek P, Iversen O-E, Khamoshina M, Deman LV, Fruzzetti F, Szarewski A, Wilken-Jensen C, Seidman D, Kaaja R, Shapiro S. Oral contraceptives and venous

- thromboembolism: consensus opinion from an International Workshop held in Berlin, Germany in December 2009. *Journal of Family Planning and Reproductive Health Care* 36: 117-122, 2010 (6 p.)
76. Van Mieghem T, van Bree R, Van Herck E, Pijnenborg R, Deprest J, Verhaeghe J. Maternal apelin physiology during pregnancy: the role of the placenta. *Placenta* 31: 725-730, 2010 (6 p.)
77. Verhaeghe J. Hormonal contraception in women with the metabolic syndrome: a narrative review. *European Journal of Contraception and Reproductive Health Care* 15: 305-313, 2010 (9 p.).
78. Bobadilla RA, van Bree R, Vercruyssen L, Pijnenborg R, Verhaeghe J. Placental effects of tumour necrosis factor- in an animal model of gestational diabetes mellitus. *Placenta* 31: 1057-1063, 2010 (7 p.)
79. Verhaeghe J, van Bree R, Van Herck E. Oxidant balance markers at birth in relation to glycemic and acid-base parameters. *Metabolism Clinical and Experimental* 60: 71-77, 2011 (7 p.)
80. Aerts L, Enzlin P, Vergote I, Verhaeghe J, Poppe W, Amant F. Sexual, psychological, and relational functioning in women after surgical treatment for vulvar malignancy: a literature review. *Journal of Sexual Medicine* 9: 361-371, 2012 (11 p.)
81. Verhaeghe J, Van Herck E, Benhalima K, Mathieu C. Glycated haemoglobin in pregnancies at increased risk for gestational diabetes mellitus. *European Journal of Obstetrics, Gynecology and Reproductive Biology* 161: 157-162, 2012 (6 p.)
82. Verhaeghe J. Clinical practice: contraception in adolescents. *European Journal of Pediatrics* 171: 895-899, 2012 (5 p.)
83. Haest K, Kumar A, Van Calster B, Leunen K, Smeets A, Amant F, Berteloot P, Wildiers H, Paridaens R, Van Limbergen E, Weltens C, Janssen H, Peeters S, Menten J, Vergote I, Morlion B, Verhaeghe J, Christiaens MR, Neven P. Stellate ganglion block for the management of hot flashes and sleep disturbances in breast cancer survivors: an uncontrolled experimental study with 24 weeks of follow-up. *Annals of Oncology* 23: 1449-1454, 2012 (6 p.)
84. Hompes T, Vrieze E, Fieuws S, Simons A, Jaspers L, Van Bussel J, Schops G, Gellens E, Van Bree R, Verhaeghe J, Spitz B, Demyttenaere K, Allegaert K, Van den Bergh B, Claes S. The influence of maternal cortisol and emotional state during pregnancy on fetal intrauterine growth. *Pediatric Research* 72: 305-315, 2012 (11 p.)
85. Lintermans A, Laenen A, Van Calster B, Van Hoydonck M, Pans S, Verhaeghe J, Westhovens R, Henry NL, Wildiers H, Paridaens R, Dieudonné AS, Leunen K, Morales L, Verschueren K, Timmerman D, De Smet L, Vergote I, Christiaens MR, Neven P. Prospective study to assess fluid accumulation and tenosynovial changes in the aromatase inhibitor-induced musculoskeletal syndrome: 2-year follow-up data. *Annals of Oncology* 24, 350-355, 2013 (6 p.)
86. Benhalima K., Van Crombrugge P., Devlieger R., Verhaeghe J., Verhaegen A., De Catte L., Mathieu C. (2013). Screening for pregestational and gestational diabetes in pregnancy: a survey of obstetrical centers in the northern part of Belgium. *Diabetology & Metabolic Syndrome* 5(1), art.nr. 10.1186/1758-5996-5-66, 66.
87. Pauwels, S., Lintermans, A., Neven, P., Verhaeghe, J., Jans, I., Billen, J., Vanderschueren, D., Vermeersch, P. (2013). Need for Estradiol Assays With a Lower Functional Sensitivity in Clinical Studies Examining Postmenopausal Women Treated With Aromatase Inhibitors. *Journal of Clinical Oncology* 31(4), art.nr. JCO.2012.46.2622, 509-509.
88. Hompes, T., Izzi, B., Gellens, E., Morreels, M., Fieuws, S., Pexsters, A., Schops, G., Dom, M., Van Bree, R., Freson, K., Verhaeghe, J., Spitz, B., Demyttenaere, K., Glover, V., Van den Bergh, B., Allegaert, K., Claes, S. (2013). Investigating the influence of maternal cortisol and emotional state during pregnancy on the DNA methylation status of the glucocorticoid receptor gene (NR3C1) promoter region in cord blood. *Journal of Psychiatric Research* 47(7), art.nr. S0022-3956(13)00092-7, 880-891.
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#### Projects

#### Memberships

- Orde van Geneesheren van België, Provinciale Raad Vlaams-Brabant
- Vlaamse Vereniging voor Obstetrie en Gynaecologie (VVOG)
- Endocrine Society
- American Diabetes Association (ADA)
- The North American Menopause Society (NAMS)
- The American Society for Bone and Mineral Research (ASBMR)
- International Society for Sexual Medicine

Other Relevant Information