

## Placental Circulation

[View the current Placental Circulation InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Placental_Circulation.html) (PDF)  
([http://www.bioportfolio.com/indepth/Placental\\_Circulation.html](http://www.bioportfolio.com/indepth/Placental_Circulation.html)) - Regularly Updated.



### Recent Publications on Placental Circulation:

- [Expression of caspase-3, Bax nad Bcl-2 in placentas from pregnancies complicated by treated and non-treated fetal growth restriction.](#)  
*BACKGROUND: Fetal growth restriction (FGR) is the reason of high...*5th November, 2009  
High Risk Pregnancy Clinic, Medical University Lodz, Lodz, Poland.- *Ginekol Pol.* 2009 Sep;80(9):652-6.
- [\[Perinatal diagnosis and management of epignathus\]](#)  
*INTRODUCTION: After the diagnosis and treatment by EXIT procedure of a...*29th October, 2009  
UGC Cirugia Pediatrica, Hospitales U. Virgen del Rocio, Sevilla.- *Cir Pediatr.* 2009 Apr;22(2):81-6.
- [Airway Injury from Initiating Ventilation in Preterm Sheep.](#)  
*Premature infants exposed to ventilation are at risk of developing...*10th October, 2009  
Division of Pulmonary Biology [N.H.H., S.G.K., A.H.J.], University of- *Pediatr Res.* 2009 Sep 23. ([DOI Direct Link](#))
- [17-Hydroxyprogesterone blunts the hypertensive response associated with reductions in uterine perfusion pressure in pregnant rats.](#)  
*OBJECTIVE: Reduction in uteroplacental perfusion (RUPP) in pregnant rats...*9th October, 2009  
Division of Maternal-Fetal Medicine, Department of Obstetrics and- *Am J Obstet Gynecol.* 2009 Sep;201(3):324.e1-6. ([DOI Direct Link](#))
- [\[Angiogenic factors and their role in pathogenesis and prediction of preeclampsia\]](#)  
*Angiogenic factors like placental growth factor (PlGF) and its...*3rd October, 2009  
Abteilung fur Geburtsmedizin, Universitatsklinikum Leipzig.- *Z Geburtshilfe Neonatol.* 2009 Jun;213(3):101-5. Epub 2009 Jun 17. ([DOI Direct Link](#))
- [Studies of placental vasculogenesis: a way to understand pregnancy pathology?](#)  
*Undisturbed development and growth of the fetus depends on an adequate...*3rd October, 2009  
Department of Obstetrics and Gynecology, University of Greifswald,- *Z Geburtshilfe Neonatol.* 2009 Jun;213(3):96-100. Epub 2009 Jun 17. ([DOI Direct Link](#))
- [The role of the placenta in intrauterine growth restriction \(IUGR\).](#)  
*Intrauterine growth restriction (IUGR) represents a reduction from the...*3rd October, 2009  
Unit of Obstetrics and Gynecology, Department of Clinical Sciences L.- *Z Geburtshilfe Neonatol.* 2009 Jun;213(3):84-8. Epub 2009 Jun 17. ([DOI Direct Link](#))
- [Doppler flowmetry in preeclampsia.](#)  
*The purpose of this study was to summarize the new published data on the...*24th September, 2009  
Department of Obstetrics and Gynecology, 1st Medical Faculty, University- *Bratisl Lek Listy.* 2009;110(7):432-5.

- [Transplantation of dendritic cells promotes functional recovery from spinal cord injury in common marmoset.](#)  
*We previously reported that implantation of dendritic cells (DCs) into the...*10th September, 2009  
Neuroimmunology Research Group, Keio University School of Medicine, Tokyo- Neurosci Res. 2009 Dec;65(4):384-92. Epub 2009 Sep 6. ([DOI Direct Link](#))
- [Disorders of placental circulation and the fetal brain.](#)  
*Disorders of the placental circulation, including the release of...*8th September, 2009  
Department of Pathology, Case Western Reserve University School of- Clin Perinatol. 2009 Sep;36(3):549-59. ([DOI Direct Link](#))
- [Uterine artery Doppler flow studies in obstetric practice.](#)  
*The advent of sonography has changed the practice of obstetrics by...*28th August, 2009  
Division of Maternal Fetal Medicine, Christiana Hospital, 4755 Ogletown- Am J Obstet Gynecol. 2009 Aug;201(2):121-6. ([DOI Direct Link](#))
- [\[Shedding new light on the placental barrier\]](#)  
*The advent of sonography has changed the practice of obstetrics by...*21st August, 2009  
- Rev Med Suisse. 2009 May 20;5(204):1153.
- [Abnormal uterine artery Doppler in pregnancies suspected of a SGA fetus is related to increased risk of recurrence during next pregnancy.](#)  
*OBJECTIVE: To investigate if placental Doppler velocimetry can predict the...*23rd July, 2009  
Department of Obstetrics and Gynecology, Malmö University Hospital, Lund- Acta Obstet Gynecol Scand. 2009;88(7):814-7. ([DOI Direct Link](#))
- [Cardiac structures track during the first 2 years of life and are associated with fetal growth and hemodynamics: the Generation R Study.](#)  
*BACKGROUND: The aim of this study is to examine whether cardiac size and...*8th July, 2009  
Generation R Study Group, Erasmus Medical Center, Rotterdam, The- Am Heart J. 2009 Jul;158(1):71-7. ([DOI Direct Link](#))
- [Microarray analysis of placental tissue in intrauterine growth restriction.](#)  
*Objective: Besides fetal or maternal disorders, placental dysfunction is a...*25th June, 2009  
Departments of Pediatrics, University of Erlangen, Germany.- Clin Endocrinol (Oxf). 2009 Jun 22. ([DOI Direct Link](#))

## Placental Circulation Patents:



- 4000273- [Method for the control of fertility](#)
- 5258367- [Uteroferrin and rose proteins for stimulating hematopoietic cells](#)
- 5383463- [Mapping of flow parameters](#)
- 5385153- [Infant environmental transition system and method](#)
- 5419332- [Mapping of flow parameters](#)
- 5433204- [Method of assessing placentation](#)
- 5502043- [Use of hydroxyethyl starch for improvement of microcirculation](#)
- 5648340- [Gestational agents for controlling cell proliferation](#)
- 5679353- [Bovine trichomonas vaccine compositions](#)
- 5688774- [A.sub.3 adenosine receptor agonists](#)
- 5698738- [N-nitroso-N-substituted hydroxylamines as nitric oxide donors](#)

- 5223253- [Bovine vaccine compositions and method for preventing trichomonas infections using same](#)
- 5218958- [Placental chamber - artificial uterus](#)
- 4073899- [Method of terminating pregnancy](#)
- 4244955- [2,4a-Ethanobenz\[g\]isoquinolin-5\(1H\)-ones and their use as anti-fertility and analgesic agents](#)
- 4340602- [Compositions inhibiting estrogen sulfotransferase activity](#)
- 4496555- [Compounds and compositions for inhibiting estrogen sulfotransferase transferase activity, process and novel intermediates therein](#)
- 5004681- [Preservation of fetal and neonatal hematopoietic stem and progenitor cells of the blood](#)
- 5032407- [Gene transfer using transformed, neodetermined, embryonic cells](#)
- 5037375- [Individual environmental control method](#)
- 5142720- [Positioning device and method](#)
- 5183457- [Infant environmental transition system and method](#)
- 5192553- [Isolation and preservation of fetal and neonatal hematopoietic stem and progenitor cells of the blood and methods of therapeutic use](#)
- 5749831- [Fetal cardiac monitoring utilizing umbilical blood flow parameters and heartbeat information](#)
- 5773423- [A3 adenosine receptor agonists](#)
- 5910482- [Treatment or prevention of preeclampsia, eclampsia with calcitonin gene related peptide, CGRP analog, progestational agent, nitric oxide source, and cyclooxygenase inhibitor](#)
- 6919433- [Antibodies to protein HPMBQ91](#)
- 6939301- [Automatic volume measurements: an application for 3D ultrasound](#)
- 6977077- [Method of increasing bone toughness and stiffness and reducing fractures](#)
- 7045674- [Animal model for preeclampsia](#)
- 7163684- [Method of increasing bone toughness and stiffness and reducing fractures](#)
- 7255879- [Post-partum mammalian placenta, its use and placental stem cells therefrom](#)
- 7311904- [Tissue matrices comprising placental stem cells, and methods of making the same](#)
- 7339030- [Human semaphorin L \(H-SemaL\) and corresponding semaphorins in other species](#)
- 7351414- [Method of reducing the risk of bone fracture](#)
- 7414036- [Compounds useful as A.sub.3 adenosine receptor agonists](#)
- 6743823- [Therapeutic methods relating to human carbamyl phosphate synthetase I polymorphism](#)
- 6635802- [Nuclear transfer using cells cultured in serum starvation media containing apoptosis inhibitors](#)
- 6008039- [Polynucleotide encoding a novel purinergic P.sub.2U receptor](#)
- 6037446- [Gestational agents for controlling cell proliferation](#)
- 6066642- [Dihydropyridine-, pyridine-, benzopyran-4-one- and triazoloquinazoline derivative, their preparation and their use as adenosine receptor antagonists](#)
- 6271436- [Cells and methods for the generation of transgenic pigs](#)
- 6369294- [Methods comprising apoptosis inhibitors for the generation of transgenic pigs](#)
- 6376521- [A3 adenosine receptor antagonists](#)
- 6461645- [Isolation and preservation of fetal and neonatal hematopoietic stem and progenitor cells of the blood](#)
- 6479630- [Human purinergic P2U receptor](#)
- 6569427- [Isolation and preservation of fetal and neonatal hematopoietic stem and progenitor cells of the blood](#)
- 6605275- [Isolation and preservation of fetal and neonatal hematopoietic stem and progenitor cells of the blood](#)
- 7468276- [Placental stem cells](#)

\*\*\*

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

