

Axe mère-enfant

Publications 2008 - 2009

Aris A.

1. Benachour A and **Aris A.** Toxic effects of low doses of Bisphenol-A on human placental cells. *Toxicol Appl Pharmacol.* 2009 Dec 15;241(3):322-8
2. **Aris A**, Benali S, Ouellet A, Moutquin JM, Leblanc S. Potential Biomarkers of Preeclampsia: Inverse correlation between nitric oxide and hydrogen peroxide early in maternal circulation and placenta of women with gestational hypertension-preeclampsia. *Placenta.* 2009 Apr;30(4):342-7.
3. **Aris A**, Leblanc S., Ouellet A, Moutquin JM. Detrimental effects of high levels of antioxidant vitamins C and E on placental function: considerations for the Vitamins in Preeclampsia (VIP) trial. *J. Obstet. Gynaecol. Res.* 2008, August Vol. 34, No. 4: 504-511.
4. ***Aris A**, Lambert F, Bessette P, Moutquin JM. Maternal circulating IFN- and IL-6 as biomarkers of Th1/Th2 immune status throughout pregnancy. *J Obstet Gynaecol Res.* 2008 Feb;34(1):7-11.

Auray-Blais C.

1. Schiffmann, R., Waldek, S., Benigni, A., **Auray-Blais, C.**, Biomarkers of Fabry disease Nephropathy and Progression, *Clin. J. Amer. Soc. Nephrol.*, 2009 (Acceptée pour publication).
2. **Auray-Blais, C.**, Cyr, D., Ntwari, A., West, ML., Cox-Brinkman, J., Bichet, DG., Germain, DP., Laframboise, R., Melançon, SB., Stockley, T., Clarke, JTR., Drouin, R., Urinary globotriaosylceramide excretion correlates with the genotype in children and adults with Fabry disease. *Mol. Genet. Metabol.*, 93(3): 331-340, 2008.

Bell L

1. **Bell, L.** (2009). L'établissement de la relation parents-enfant : Un modèle d'évaluation et d'intervention ayant pour cible la sensibilité parentale. *L'Infirmière clinicienne*, 5(2), 39-44.
2. Lacombe, M., **Bell, L.**, Hatem, M., & Tronick, E. Nursing in postnatal depression. [Allaitement et dépression postnatale] *Soins. Pédiatrie, Puériculture*, 242: 34-38, 2008.
3. Johnston, C. C., Filion, F., Campbell-Yeo, M., Goulet, C., **Bell, L.**, McNaughton, K., et al. Kangaroo mother care diminishes pain from heel lance in very preterm neonates: A crossover trial. *BMC Pediatrics*, 8:13, 2008.

Bouffard C

1. **Bouffard C**, S Viville & BM Knoppers (2009), "Genetic diagnosis of embryos: Clear explanation, not rhetoric, is needed", *CMAJ*, 181:387-391. (Auteur de référence)
2. Legendre CM, C Hervé, M Goussot-Souchet, **C Bouffard** (Co-auteur de référence) & G Moutel (2008), "Information and decision-making process for selective termination of dichorionic pregnancies: some French obstetricians' points of view", *Prenat Diagn*, 29(1):89-94.

3. **Bouffard C** & M Bouffard (2009), "Plastination and Salutary Dread: Resurrecting a 19th-Century Approach to Health Education", (Accepté, *The Lancet*)
4. **Bouffard C** (2009), «Le paradoxe éthique du diagnostic préimplantatoire», *Journal International de Bioéthique*, 10p. (Accepté).

Clarke J.Tr.

1. Auray-Blais, C., Cyr, D., Drouin, R., **Clarke, JTR.**, Millington DS. Use of urinary globotriaosylceramide for Fabry screening in Canada..*Clinical Therapeutics*, 30:Suppl. C: S79-80, 2008.
2. Auray-Blais, C., Cyr, D., Ntwari, A., West, ML., Cox-Brinkman, J., Bichet, DG., Germain, DP., Laframboise, R., Melancon, SB., Stockley, T., **Clarke, JT.**, **Drouin, R.** Urinary globotriaosylceramide excretion correlates with the genotype in children and adults with fabry disease.. *Mol Genet Metab.*, 93: 331-40, 2008.

Drouin R.

1. Millau J-F, Bastien N, Bouchard E, **Drouin R**: p53 pre- and post-binding event theories revisited: stresses reveal specific and dynamic p53-binding patterns on the p21 gene promoter. *Cancer Research* 69(21):8463-8471 (2009).
2. Klonisch T, **Drouin R**: Feto-maternal exchange of multipotent stem/progenitor cells: Microchimerism in diagnosis and diseases. *Trends Mol Med* In press (2009).

Gagneur A

1. Pinquier D, **Gagneur A**, Balu L, Brissaud O, Gras Le Guen C, Hau-Rainsard I, Mory O, Picherot G, De Pontual L, Stephan JL, Maple P, Breuer J, Aubert M, Caulin E, Sana C, Pradat P, Soubeyrand B, Reinert P. Prevalence of anti-varicella-zoster virus antibodies in French infants under 15 months of age. *Clin Vaccine Immunol.* 2009 Apr;16(4):484-7.
2. **Gagneur A**, Pinquier D, Aubert M, Balu L, Brissaud O, De Pontual L, Gras Le Guen C, Hau-Rainsard I, Mory O, Picherot G, Stephan JL, Cohen B, Caulin E, Soubeyrand B, Reinert P. Kinetics of decline of maternal measles virus-neutralizing antibodies in sera of infants in France in 2006. *Clin Vaccine Immunol.* 2008 Dec;15(12):1845-50.
3. **Gagneur A**, Pinquier D, Aubert M, Soubeyrand B, Balu L, Brissaud O, Gras-Le-Guen C, Hau-Rainsard I, Mory O, Picherot G, De Pontual L, Stephan JL, Reinert P. Distribution of neutralizing measles serum antibodies according to age in women of childbearing age in France in 2005-2006] *Arch Pediatr.* 2008 Oct;15(10):1525-30. Epub 2008 Sep 19. French.
4. **Gagneur A**, Dirson E, Audebert S, Vallet S, Legrand-Quillien MC, Laurent Y, Collet M, Sizun J, Oger E, Payan C. Materno-fetal transmission of human coronaviruses: a prospective pilot study. *Eur J Clin Microbiol Infect Dis.* 2008 Sep;27(9):863-6.

Moutquin JM

1. *St-Laurent, J., De Wals, P., **Moutquin, JM.**, Niyonsenga, T., Noiseux, M., Czernis, L. Biopsychosocial determinants of pregnancy length and fetal growth. *Paediatr Perinat Epidemiol.*, 22: 240-8, 2008.

2. Murphy, KE., Hannah, ME., Willan, AR., Hewson, SA., Ohlson, A., Kely, EN., Mathews, SG., Saigal, S. for the MACS Collaborating group (including **Moutquin JM**). Multiple courses of antenatal corticosteroids for preterm birth (MACS): a randomised controlled trial. *Lancet* 372: 2143-51, 2008.
3. Magge L, Helewa M, **Moutquin JM**, Von Dadelzen P et al. Diagnosis, Evaluation and Management of the Hypertensive Disorders of Pregnancy. *J Obstet Gynaecol Can*; 30 , S1-S48, 2008.
4. Duquette, MP., Payette, H., **Moutquin, JM.**, Demmers, T., Desrosiers-Choquette, J., Validation of a screening tool to identify the nutritionally at-risk pregnancy. *J Obstet Gynaecol can.*, 30: 29-37, 2008.
5. Bell, L., Lacombe, M., Yergeau, E., **Moutquin, JM.**, Tribble, DS., Royer, F., Garant, MP. The factors facilitating and constraining the continuation of breastfeeding in women in Estrie (Quebec).. *Can J Public Health.*, 99: 212-5, 2008.

Pasquier JC

1. **Pasquier JC**, Picaud JC, Rabilloud M, Claris O, Ecochard R, Moret S, Mellier G. Neonatal outcomes after elective delivery management of preterm premature rupture of the membranes before 34 weeks' gestation (DOMINOS study). *Eur J Obstet Gynecol Reprod Biol.* 2009 Mar; 143(1):18-23.
2. Massey KA, Magee LA, Dale S, Claydon J, Morris TJ, von Dadelszen P, Liston RM, Ansermino JM, **Pasquier JC**; Canadian Perinatal Network Collaborative Group and the British Columbia A current landscape of provincial perinatal data collection in Canada. *Perinatal Health Program. J Obstet Gynaecol Can.* 2009 Mar; 31(3):236-46.
3. *Corriveau S, Berthiaume M, Rousseau E, **Pasquier JC**. Why eicosanoids could represent a new class of tocolytics on uterine activity in pregnant women. *Am J Obstet Gynecol.* 2009 Oct; 201(4):420.e1-7.
4. **Pasquier, JC.**, Doret, M. Les membranes fœtales : Développement embryologique, structure et physiopathologie de la rupture prématurée avant terme. *J Gynecol Obstet Biol Reprod*, 37(6), 579-88, 2008.
5. **Pasquier, JC.**, Rabilloud, M., Picaud, JC., Claris, O., Ecochard, R., Moret, S., Mellier. G., Modeling the duration of the latency period after preterm premature rupture of the membranes according to maternal and pregnancy characteristics: DOMINOS study. *Eur J Obstet Gynecol Reprod Biol.*, 139: 157-63, 2008.

Praud JP

1. Roy, B., Samson, N., Moreau-Bussiere, F., Ouimet, A., Dorion, D., Mayer, S., **Praud, JP**. Mechanisms of active laryngeal closure during noninvasive intermittent positive pressure ventilation in non sedated lambs. *J Appl Physiol* 105: 1406-1412, 2008.
2. Samson, N., Roy, B., Ouimet. A., Moreau-Bussiere, F., Dorion, D., Mayer, S., **Praud, JP**. Origins of the inhibiting effects of nasal CPAP on nonnutritive swallowing in newborn lambs. *J Appl Physiol* 105 : 1083-90, 2008. Huel G, Sahuquillo J, Debotte G, Oury JF, Takser L. Hair Mercury Negatively Correlates with Calcium Pump Activity in Human Term Newborns and their Mothers at Delivery *Environ Health Perspect* 2008 Feb, 116 (2): 263-267

3. Thyroid disruption by low dose of flame retardant BDE-47 in prenatally exposed lambs. N Abdelouahab, A Suvorov, JC Pasquier, MF Langlois, **JP Praud**, and L Takser. *Neonatology* 2009 Mar 24;96(2):120-124

Sébire G.

1. *Girard S, Larouche A, Kadhim H, Rola-Pleszczynski M, Gobeil F, **Sébire G**. Lipopolysaccharide and hypoxia/ischemia induced IL-2 expression by microglia in neonatal brain. **Neuroreport**. 2008; 19:997-1002
2. *Girard S, Kadhim H, Beaudet N, Sarret P, **Sébire G**. Developmental motor deficits induced by combined fetal exposure to lipopolysaccharide and early neonatal hypoxia/ischemia: A novel animal model for cerebral palsy in very premature infants. **Neuroscience** 2009;158:673-82.
3. Braun KP, Bulder MM, Chabrier S, Kirkham FJ, Uiterwaal CS, Tardieu M, **Sébire G**. The course and outcome of unilateral intracranial arteriopathy in 79 children with ischaemic stroke. **Brain** 2009;132:544-57.
4. Roy M, Girard S, Larouche A, Kadhim H, **Sébire G**. TNF-alpha system response in a rat model of very preterm brain injuries induced by lipopolysaccharide and/or hypoxia-ischemia. **Am J Obstet Gynecol**. 2009; sous presse

Takser L.

1. Facing the Challenge of Data Transfer from Animal Models to Humans: the Case of Persistent Organohalogenes. Suvorov A., **Takser L**. *Environ Health*. 2008 Nov 13;7(1):58
2. Suvorov A and **Takser L**. Global Gene Expression Analysis in the Livers of Rat Offspring Perinatally Exposed to Low Doses of 2,2',4,4'-tetrabromodiphenyl ether *Environ Health Perspect* doi:10.1289/ehp.0901031
3. Thyroid disruption by low dose of flame retardant BDE-47 in prenatally exposed lambs. N Abdelouahab, A Suvorov, JC Pasquier, MF Langlois, JP Praud, and **L Takser**. *Neonatology* 2009 Mar 24;96(2):120-124
4. Abdelouahab N, Huel G, Suvorov A, Foliguet B, Goua V, Debotte G, Sahuquillo J, Charles MA, and **Takser L**. Monoamine oxidase activity in placenta in relation to manganese, cadmium, lead, and mercury at delivery. *Neurotoxicology and Teratology* 2009 Sep 8

Walti H.

1. R. Robert, P. Micheau, **H. Walti**, Optimal expiratory volume profile in tidal liquid ventilation under steady state conditions, based on a symmetrical lung model *ASAIO Journal* 2009, 55 (1):63-72
2. R. Robert, P. Micheau, O. Avoine, B. Beaudry, A. Beaulieu, **H. Walti**, A regulator for pressure controlled total liquid ventilation. *IEEE Trans. Biomed. Eng.* 2009 (Epub September)