

Endocrinologie

Subventions de recherche

- Titre : Mécanismes moléculaires de l'hypothyroïdie congénitale
Organisme : Soutien aux jeunes chercheurs - Fonds de la recherche en santé du Québec
Montant : 45 000 \$ / 2008-2011
Chercheur: Deladoëy J
- Titre : The steroid-induced Osteoporosis in the Pediatric Population-Canadian Incidence Study - STOPP-CIS
Organisme : Instituts de recherche en santé du Canada
Montant : 2 986 934 \$ / 2005-2013
Chercheurs: Ward L (associé : Alos N pour le site Sainte-Justine)
- Titre : Normes pédiatriques de densité osseuse au niveau fémoral distal pour les enfants âgés de 3 à 18 ans (LUNAR Prodigy) : NOPEDODF
Organisme : Fonds d'opération pour les projets de recherches clinique, épidémiologique et évaluative, CHU Sainte-Justine
Montant : 20 000 \$ / 2007-2010
Chercheur : Alos N
- Titre : Canadian child health clinician scientist program
Organisme : Instituts de recherche en santé du Canada
Montant : 750 000 \$ / 2009-2014
Chercheurs : Rosenblum N (PI), Deal C (HSJ)
- Titre : Genetic imprinting in Turner Syndrom: Neurophysiology, neuropsychology and anatomy of social cognition
Organisme : Instituts de recherche en santé du Canada
Montant : 113 775 \$/an / 2005-2010
Chercheurs : Théoret H, Deal C (Co-PI)
- Titre : NSPs/mutations in the promoter regions of the human growth hormone receptor in idiopathic short stature
Organisme : Instituts de recherche en santé du Canada - Programme conjoint Japon-Canada de recherche en santé
Montant : 30 000 \$/an / 2007-2009
Chercheurs : Goodyear C (PI), Deal C (Coll)
- Titre : Predict-LT: Proteomics and genomics in growth prediction in children with Turner Syndrome and with growth hormone deficiency
Organisme : Laboratoire Serono Inc.
Montant : 20 000 \$ / 6 patients
Chercheur : Deal C (site PI)

Publications

Avec comités pairs

Alos N, Chabot G. *Importance of the renal calcium load as putative predictor for nephrocalcinosis in subcutaneous fat necrosis associated with severe hypercalcemia.* Horm Res 2008;70(4):256.

Arbuckle TE, Hauser R, Swan SH, Mao CS, Longnecker MP, Main KM, Whyatt R, Mendola P, Legrand M, Rovet J, Till C, Wade M, Jarrell J, Mathews S, Van Vliet G, Bornehag CG, Mieuisset R.

Meeting report: Measuring endocrine-sensitive endpoints within the first years of life. Environ Health Perspect 2008;116(7):948-51.

Brunel-Guitton C, Rivard GE, Galipeau J, Alos N, Miron MC, Therrien R, Mitchell G, Lapierre G, Lambert M. *Enzyme replacement therapy in pediatric patients with Gaucher disease: What should we use as maintenance dosage?* Mol Genet Metab 2009;96(2):73-6.

Carel JC, Eugster EA, Rogol A, Ghizzoni L, Palmert MR, on behalf of the members of the ESPE-LWPES GnRH analogs consensus conference group : Antoniazzi F, Berenbaum S, Bourguignon JP, Chrousos GP, Coste J, Deal C, de Vries L, Foster C, Heger S, Holland J, Jahnuainen K, Juul A, Kaplowitz P, Lahlou N, Lee MM, Lee P, Merke DP, Neely EK, Oostdijk W, Phillip M, Rosenfield RL, Shulman D, Styne D, Tauber M, Wit JM. *Consensus statement on the use of GnRH analogs in children.* Pediatrics 2009;123(4):e752-62.

Cohen P, Rogol A, Deal C, Saenger P, Reiter E, Ross J, Chernausk S, Savage MO, Wit JM, on behalf of the 2007 ISS Consensus Workshop participants. *Consensus Guidelines for the diagnosis and treatment of children with Idiopathic short stature: A summary statement of the Growth Hormone Research Society in association with the Lawson Wilkins Pediatric Endocrine Society and the European Society for Pediatric Endocrinology.* J Clin Endocrinol Metab 2008;93(11):4210-7.

Cole LW, Sidis Y, Zhang C, Quinton R, Plummer L, Pignatelli D, Hughes VA, Dwyer AA, Raivio T, Hayes FJ, Seminara SB, Huot C, Alos N, Speiser P, Takeshita A, Van Vliet G, Pearce S, Crowley WF Jr, Zhou QY, *Pitteloud NMutations in prokineticin 2 and prokineticin receptor 2 genes in human gonadotrophin-releasing hormone deficiency: molecular genetics and clinical spectrum.* J Clin Endocrinol Metab 2008;93(9):3551-9.

Ducharme FM, Lemire C, Noya FJ, Davis GM, Alos N, Leblond H, Savdie C, Collet JP, Khomenko L, Rivard G, Platt RW. *Pre-emptive high-dose fluticasone for viral-induced asthma in preschool-aged children: A randomized controlled trial.* N Engl J Med 2009;360(4):339-53.

Falardeau J, Chung WC, Beenken A, Raivio T, Plummer L, Sidis Y, Jacobson-Dickman EE, Eliseenkova AV, Ma J, Dwyer A, Quinton R, Na S, Hall JE, Huot C, Alos N, Pearce SH, Cole LW, Hughes V, Mohammadi M, Tsai P, Pitteloud N. *Decreased FGF8 signaling causes deficiency of gonadotropin-releasing hormone in humans and mice.* J Clin Invest 2008;118(8):2822-31.

Fillion M, Deal C, Van Vliet G. *Retrospective study of the potential benefits and adverse events during growth hormone treatment in children with Prader-Willi Syndrome.* J Pediatrics 2009;154(2):230-3.

Girardin C, Huot C, Gonthier M, Delvin E. *Continuous glucose monitoring: a review of biochemical perspectives and clinical use in type I diabetes.* Clin Biochem 2009;42(3):136-42.

Khatchadourian K, Huot C, Alos N, Van Vliet G, Deal C. *Impact of patient characteristics and clinical factors on the decision to initiate growth hormone treatment in Turner Syndrome.* Horm Res 2008;70(5):300-8.

Leboeuf D, Letellier K, Alos N, Moldovan F. *Do estrogens impact adolescent idiopathic scoliosis?* Trends Endocrinol Metab 2009;20(4):147-52.

Maquet E, Costagliola S, Parma J, Christophe-Hobertus C, Oligny LL, Fournet JC, Robitaille Y, Vuissoz JM, Payot A, Laberge S, Vassart G, Van Vliet G, Deladoëy J. *Lethal respiratory failure and mild primary hypothyroidism in a term girl with a de novo heterozygous mutation in the TTF1/NKX2.1 gene.* J Clin Endocrinol Metab 2009;94(1):197-203.

Ntimbane T, Krishnamoorthy P, Huot C, Legault L, Jacob SV, Brunet S, Lévy E, Guéraud F, Lands LC, Comte B. *Oxidative stress and cystic fibrosis-related diabetes: A pilot study in children.* J Cyst fibros 2008;7(5):373-84.

Van Vliet G, Polak M, Ritzén EM. *Treating fetal thyroid and adrenal disorders through the mother.* Nat Clin Pract Endocrinol Metab 2008;4(12):675-82.

Abrégés publiés

Girardin CM, Deal C, Lemyre E, Beitel LK, Trifiro M, Van Vliet G. *Unexpected karyotype in a patient with complete androgen insensitivity.* Horm Res 2008;70(S1):234.

Girardin CM, Lemyre E, Alos N, Deal C, Huot C, Van Vliet G. *47,XXY at amniocentesis: What should the couple be told?* Horm Res 2008;70(S1):195.

Tato L, Chatelain P, Weill J, Deal C, Olivier C, Theocharis T, Clayton P. *Do baseline characteristics and biomarkers differ between prepubertal Turner Syndrome and growth hormone deficient girls? Results from the PREDICT Study.* Horm Res 2008;70(S1):101.

van der Kaay DCM, Hokken-Koelega ACS, de Kort SW, Willemsen RH, Ester W, Leunissen RWJ, Paquette JR, van Doorn J, Deal CL. *Promoter polymorphism in insulin-like growth factor-binding Protein-1 (IGFBP1) gene: Correlation with serum IGFBP-1 levels and insulin levels in short children born small for gestational age.* Horm Res 2008;70(S1):89.

van der Kaay DCM, Hokken-Koelega ACS, Hendriks AEJ, de Kort SW, Willemsen RH, Ester W, Leunissen RWJ, Paquette JR, Deal CL. *Promoter haplotype in insulin-like growth factor-binding Protein-3 (IGFBP3) gene: Correlation with serum levels, growth and response to growth hormone treatment in short children born small for gestational age.* Horm Res 2008;70(S1):31.

Ward LM, Matzinger M, Alos N, Atkinson S, Clarson C, Couch R, Cummings E, Glorieux FH, Grant R, Halton J, Lentle B, Nadel H, Rodd C, Siminoski K, Stephure D, Taback S, Shenouda N, Rauch F and the Canadian STOPP Consortium. *Advanced vertebral compression at diagnosis among children with Acute Lymphoblastic Leukemia.* J Bone Mineral Res 2008;23:S367.

Rayonnement (Congrès - colloques)

Congrès - colloques

Abu-Khudir R, Paquette J, Deal C, Van Vliet G, Deladoëy J. *Non-Mendelian mechanisms of congenital hypothyroidism from thyroid dysgenesis.* 6^e Congrès Annuel du Canadian Child Health Clinician Scientist Program, Edmonton (Alberta), octobre 2008.

Abu-Khudir R, Paquette J, Libert F, Chanoine JP, Vassart G, Van Vliet G, Deladoëy J. *Role of genetic and epigenetic alterations in thyroid dysgenesis: a combined analysis of transcriptome, methylome and structural genome variants in ectopic versus orthotopic thyroid tissues.* Child Health and Epigenetics, Developmental Plasticity and Programming, Göteborg (Suisse), mai 2009.

Alos N, Ansari M, Dubois J, Moghrabi A. *Bone health and body composition in children treated for Acute Lymphoblastic Leukemia.* 10th International Conference on long-term complications of treatment of children and adolescents for cancer in Niagara on the Lake, Niagara (Ontario), juin 2008.

Deladoëy J. *Prise en charge de l'hypothyroïdie congénitale.* Club de la Thyroïde Provence 2009 / Grand Sud, CHU de la Timone, Marseille (France), mars 2009.

Girardin CM, Deal C, Lemyre E, Beitel LK, Trifiro M, Van Vliet G. *Unexpected karyotype in a patient with complete androgen insensitivity.* 47^e Congrès Annuel de l'European Society for Paediatric Endocrinology, Istanbul (Turquie), septembre 2008.

Girardin CM, Lemyre E, Alos N, Deal C, Huot C, Van Vliet G. *47,XXY at amniocentesis: What should the couple be told?* 47^e Congrès Annuel de l'European Society for Paediatric Endocrinology, Istanbul (Turquie), septembre 2008.

Luo Z, Delvin E, Nuyt AM, Audibert F, Deal C, Shatenstein B, Julien P, Lévy E, Fraser WD. *Maternal glycemic status during pregnancy may program fetal insulin sensitivity.* 5th International Symposium on diabetes and pregnancy, Sorrento (Italie), mars 2009.

Saavedra J, Huot C, Boivin Y, Van Vliet G, Deal C, Alos N, Saint-Vil D. *Use of fine needle aspiration biopsy for thyroid nodules and outcome in pediatric patients following surgery.* Congrès annuel de la Société canadienne d'endocrinologie et métabolisme, Montréal, octobre 2008.

Stoppa-Vaucher S, Alos N, Lapeyraque AL, Phan V, Rumsby G, Van-Vliet G. *Chronic hyponatremia in a 3-year-old boy with isolated hyperreninemic hypoaldosteronism.* Congrès de l'Association canadienne de diabète / Société canadienne d'endocrinologie et métabolisme, Montréal (Québec), octobre 2008.

Stoppa-Vaucher S, Francoeur D, Grignon A, Van Vliet G, Deladoëy J. *A 19-weeks fetus with non-immune hypothyroidism and goiter: treatment or observation?* Scientific Meeting of the Canadian Pediatric Endocrine Group, Ottawa (Ontario), février 2009.

Tato L, Chatelain P, Weill J, Deal C, Olivier C, Theocharis T, Clayton P. *Do baseline characteristics and biomarkers differ between prepubertal Turner Syndrome and growth hormone deficient girls? Results from the PREDICT Study.* 47^e Congrès Annuel de l'European Society for Paediatric Endocrinology, Istanbul (Turquie), septembre 2008.

van der Kaay DCM, Hokken-Koelega ACS, de Kort SW, Willemsen RH, Ester W, Leunissen RWJ, Paquette JR, van Doorn J, Deal CL. *Promoter polymorphism in insulin-like growth factor-binding Protein-1 (IGFBP1) gene: Correlation with serum IGFBP-1 levels and insulin levels in short children born small for gestational age.* 90^e Rencontre Annuel de l'Endocrine Society, San Francisco (Californie), juin 2008. 47^e Congrès Annuel de l'European Society for Paediatric Endocrinology, Istanbul (Turquie), septembre 2008.

van der Kaay DCM, Hokken-Koelega ACS, Hendriks AEJ, de Kort SW, Willemsen RH, Ester W, Leunissen RWJ, Paquette JR, Deal CL. *Promoter haplotype in insulin-like growth factor-binding Protein-3 (IGFBP3) gene: Correlation with serum levels, growth and response to growth hormone treatment in short children born small for gestational age.* 90^e Rencontre Annuel de l'Endocrine Society, San Francisco (Californie), juin 2008. 47^e Congrès Annuel de l'European Society for Paediatric Endocrinology, Istanbul (Turquie), septembre 2008.

Van Vliet G, Liu S, Kramer MS, for the Fetal and Infant Health Study Group of the Canadian Perinatal Surveillance System. *Decreasing sex difference in birth weight: A potential clue to environmental endocrine disruption.* Annual Meeting of the Endocrine Society, San Francisco (Californie), juin 2008.