

Publications de Philippe OBERT - Liste des publications depuis 2006

Articles dans des revues internationales avec comité de lecture

2006

ACL1- Nottin S, Nguyen LD, Terbah M, Obert P. Cardiovascular effects of androgenic anabolic steroids in male bodybuilders determined by tissue Doppler imaging. *Am J Cardiol.* 2006;97(6):912-5. [IF=3.6]

ACL2 Walther G, Nottin S, Dauzat M, Obert P. Femoral and axillary ultrasound blood flow during exercise: a methodological study. *Med Sci Sports Exerc.* 2006;38(7):1353-61. [IF=2,8; AERES=niveau 1]

ACL4 Cazorla O, Aït Mou Y, Goret L, Vassort G, Dauzat M, Lacampagne A, Tanguy S, Obert P. Effects of high altitude training on contractile function of rat skinned cardiomyocyte. *Cardiovasc Res* 2006 71:652-660. [IF=5.9; AERES=niveau 1]

ACL6 Reboul C, Tanguy S, Dauzat M, Obert P. Chronic exercise does not prevent hypoxia-induced increased aortic sensitivity to endothelin in rats. *Vascul Pharmacol.* 2006 44(5):333-7. [IF=2.3]

ACL7 Tanguy S, Durand G, Reboul C, Polidori A, Pucci B, Dauzat M, Obert P. Protection against reactive oxygen species injuries in rat isolated perfused hearts: effect of LPBNAH, a new amphiphilic spin-trap derived from PBN. *Cardiovasc Drugs Ther.* 2006 Apr;20(2):147-9. [IF=2.4; AERES=niveau 2]

2007

ACL11 Barbier J, Reboul C, Goret L, Saïag B, Catheline M, Gibault A, Dauzat M, Obert P, Tanguy S. Aortic vasoconstriction related to smooth muscle cells ET-A and ET-B receptors is not involved in hypoxia-induced sustained systemic arterial hypertension in rats. *Vascul Pharmacol.* 2007 47(4):209-14. [IF=2.3]

2008

ACL 12 Nottin S, Doucende G, Schuster-Beck I, Dauzat M, Obert P. Alteration in left ventricular normal and shear strains evaluated by 2D-strain echocardiography in the athlete's heart. *J Physiol (London)* 2008;586:4721-4733. [IF=4.6; AERES=niveau1]

ACL13 Schuster I, Thöni GJ, Edérhy S, Walther G, Nottin S, Vinet A, Boccara F, Khireddine M, Girard PM, Mauboussin JM, Rouanet I, Dauzat M, Cohen A, Messner-Pellenc P, Obert P. Subclinical cardiac abnormalities in HIV-infected men under antiretroviral therapy. *Am J Cardiol* 2008;15;101(8):1213-7. [IF=3.6]

ACL14 Thöni G, Schuster I, Walther W, Nottin S, Vinet A, Boccara F, Messner-Pellenc P, Obert P., Silent Cardiac Dysfunction and Exercise Intolerance in HIV+ Men Receiving Combined Antiretroviral Therapies. *AIDS* 2008;22(18):2537-40. [IF=5.8]

ACL15 Walther G, Nottin S, Karpoff L, Pérez-Martin A, Dauzat M, Obert P. Flow-mediated dilation and exercise-induced hyperaemia in highly trained athletes: comparison of the upper and lower limb vasculature. *Acta Physiol (Oxf).* 2008;193(2):139-50. [IF=2,5; AERES= niveau 2]

ACL16 Bougault V, Nottin S, Doucende G, Obert P. Tissue Doppler imaging reproducibility during exercise. *Int J Sports Med.* 2008;29(5):395-400. [IF=1,5; AERES= niveau 2]

ACL17 Galbès O, Goret L, Caillaud C, Mercier J, Obert P, Candau R, Py G. Combined effects of hypoxia and endurance training on lipid metabolism in rat skeletal muscle. *Acta Physiol (Oxf).* 2008;193(2):163-73 [IF=2.5; AERES= niveau 2]

ACL18 Goret L, Tanguy S, Guiraud I, Dauzat M, Obert P. Acute administration of L-arginine restores nitric oxide-mediated relaxation in isolated pulmonary arteries from pulmonary hypertensive exercise trained rats. *Eur J Pharmacol* 2008 581:148-56. [IF=2.8]

ACL19 Roels B, Reggiani C, Reboul C, Lionne C, Iorga B, Obert P, Tanguy S, Gibault A, Jouglu A, Travers F, Millet GP, Candau R. Paradoxical effects of endurance training and chronic hypoxia on myofibrillar ATPase activity. *Am J Physiol Regul Integr Comp Physiol.* 2008 Jun;294(6):R1911-8. [IF=3.3; AERES=niveau 1]

2009

ACL20 Nottin S, Doucende G, Schuster I, Tanguy S, Dauzat M, Obert P. Alteration in left ventricular strains and torsional mechanics after ultralong duration exercise in athletes. *Circ Cardiovasc Imaging.* 2009;2(4):323-30. (sous-section de la revue *Circulation* (IF= 14,6), création il y a 2 ans, en attente de l'IF)

ACL21 Obert P, Nottin S, Baquet G, Thevenet D, Gamelin FX, Berthoin S. Two months of endurance training does not alter diastolic function evaluated by TDI in 9-11-year-old boys and girls. *Br J Sports Med.* 2009;43(2):132-5. [IF=2,5]

ACL23 Karpoff L, Vinet A, Schuster I, Oudot C, Goret L, Dauzat M, Obert P, Perez-Martin A. Abnormal vascular reactivity at rest and exercise in obese boys. *Eur J Clin Invest* 2009;39:94-102. [IF=2.8]

ACL24 Schuster I, Karpoff L, Perez-Martin A, Oudot C, Startun A, Rubini M, Obert P, Vinet A. Cardiac function during exercise in obese prepubertal boys: effect of degree of obesity. *Obesity* 2009. 17(10):1878-83. [IF=2.7; AERES=niveau 2]

ACL25 Rowland T, Bougault V, Walther G, Nottin S, Vinet A, Obert P. Cardiac responses to swim bench exercise in age-group swimmers and non-athletic children. *J Sci Med Sport* 2009;12(2):266-72. [IF=1.9; AERES=niveau 3]

ACL28 Reboul C, Gibault A, Tanguy S, Dauzat M, Obert P. Alteration of endothelium-mediated vasodilator response in the rat hindlimb vasculature consecutive to chronic hypoxic stress: NO and EDHF involvement. *Vascul Pharmacol.* 2009;51(2-3):154-61. [IF=2.3]

2010

ACL29 Doucende G, Schuster I, Rupp T, Startun A, Dauzat M, Obert P, Nottin S. Kinetics of left ventricular strains and torsion during incremental exercise in healthy subjects: the key role of torsional mechanics for systolic-diastolic coupling. *Circ Cardiovasc Imaging.* 2010 (sous-section de la revue *Circulation* (IF= 14,6), création il y a 2 ans, en attente de l'IF)

ACL30 Meyer G, Andre L, Tanguy S, Boissiere J, Farah C, Lopez-Lauri F, Gayrard S, Richard S, Boucher F, Cazorla OF, Obert P, Reboul C. Simulated urban carbon monoxide air pollution exacerbates rat hearts ischemia-reperfusion injury. *Am J Physiol Heart Circ Physiol*. 2010 in press. [IF=3.7]

ACL31 Andre L, Boissière J, Reboul C, Perrier R, Zalvidea S, Meyer G, Thireau J, Tanguy S, Bideaux P, Hayot M, Boucher F, Obert P, Cazorla O, Richard S. Carbon Monoxide Pollution Promotes Cardiac Remodeling and Ventricular Arrhythmia in Healthy Rats. *Am J Respir Crit Care Med*. 2010 Mar 15;181(6):587-595. [IF=9.8]

Abstracts dans des revues scientifiques Internationales à comité de lecture (ACTI : ISI Web of Knowledge, Pub Med...)

2006

ACTI1 Barbier J, Reboul C, Tanguy S, Goret L, Dauzat M, Obert P. The chronic severe hypoxia-induced alteration of isolated aorta response to ET-1 is prevented by chronic exercise in rats. *Archives des Maladies du coeur et des vaisseaux*, 2006; 4: 386

ACTI2 Reboul C, Tanguy S, Dauzat M, Obert P. Chronic exercise does not prevent the increased aortic sensitivity to ET-1 in isolated aorta of mild hypoxic rats. *Archives des Maladies du coeur et des vaisseaux*, 2006; 4: 386

ACTI3 Gibault A, Tanguy S, Reboul C, Dauzat M, Obert P. Limitation of peripheral blood flow increasing capacity consecutive to altitude training in rats: involvement of NO pathway. *Archives des Maladies du coeur et des vaisseaux*, 2006; 4: 388

ACTI4 Goret L, Tanguy S, Dauzat M, Obert P. Training does not reverse the impairment of pulmonary artery relaxation in hypoxia-induced pulmonary hypertensive rats: involvement of L-arginine bioavailability. *Fundamental and Clinical Pharmacol* 2006; 20:145.

ACTI5 Cazorla O, Ait Mou Y, Goret L, Vassort G, Lacampagne A, Tanguy S, Obert P. High altitude exercise training is deleterious for cardiac cellular contractility. *Fundamental and Clinical Pharmacol*; 2006 20:220.

ACTI6 Goret L, Tanguy S, Dauzat M, Obert P. Impairment of pulmonary artery relaxation in hypoxia-induced pulmonary hypertensive rats: synergic involvement of L-arginine and exercise training. *Arch. Mal. Cœur*; 2006 99:388.

2007

ACTI8 Ait Mou Y, Reboul C, Sirvent P, Obert P, Lacampagne A, Cazorla O. Effets du réentraînement sur les propriétés contractiles de rats insuffisants cardiaques. *Archives des Maladies du coeur et des vaisseaux*, 2007; 4: 326

ACTI9 Reboul C, Barbier J, Durand G, Pucci B, Obert P, Tanguy S. The Spin trap PBN protects against adriamycin induced cardiotoxicity in rats: a Doppler echocardiography study. *Archives des Maladies du coeur et des vaisseaux*, 2007; 4: 328

ACTI10 Boissiere J, Reboul C, Andre L, Tanguy S, Cazorla O, Obert P, Richard S. Moderate exercise training performed after myocardial infarction prevents alteration in regional myocardial function in rats:

a longitudinal Doppler echocardiography study. Archives des Maladies du coeur et des vaisseaux, 2007; 4: 328

2008

ACT112 Galbes O, Goret L, Caillaud C, Obert P Candau R I. Combined effects of hypoxia and endurance training on lipid metabolism in rat skeletal muscle. Fundamental & Clinical Pharmacology, 2008; 22:40.

2009

ACT113 Reboul C, Meyer G, Boissiere J, Gayrard S, Obert P. Sensibilité de la fonction endothéliale au stress oxydant chez un modèle de rats exposés à une pollution de type citadine au CO. Arch. Cardiovasc. Diseases 2009;102:S26.

ACT114 Sanchez C, Tanguy S, Georgelin O, Tassistro V, Obert P, Grino M, Alessi MC. Post-natal diet-induced programming of insulin resistance in rats alters in vitro aortic reactivity. Diabetologia; 2009 52:552.

ACT115 Meyer G., Boissière J., Tanguy S., Gayrard S., Obert P., Reboul C. Aggravation cardiaque des lésions d'ischémie-reperfusion chez un modèle de rats exposés à une pollution de type citadine au CO. Arch. Cardiovasc. Diseases 2009;102:S54.

Chapitres de livres

2007

OS1 Obert P, Vinet A. Réponses et adaptations cardiovasculaires au cours de la croissance. In « Physiologie de l'exercice chez l'enfant », Van Praagh E., De Boeck Eds, 2007.

Conférences Invitées.

Congrès internationaux :

2007

INV1 Obert P. Regional myocardial function by 2-dimensional speckle-tracking imaging in top level endurance athletes, Symposium : Regional Function Quantification : the new challenge of cardiac imaging. EuroEcho Congress of the European Society of Cardiology (ESC), September 2007, Vienna, Austria.

2008

INV2 Reboul C. Exercise at high altitude: effects on the cardiac performance. Symposium « Lessons learnt from the extreme: high altitude exercise physiology. Europrevent Congress of the European Society of Cardiology (ESC), May 2008, Paris, France.

2009

INV4 Obert P. Cardiac anatomy and structure: myofiber orientation in the Heart. Symposium: Myocardial Quantification Imaging: from research to clinical practice. EuroEcho Congress of the European Society of Cardiology (ESC), December 2009, Madrid, Spain.

INV5 Obert P. 2D Strain and Strain Rate: The State of the art in Research. Symposium: Myocardial Quantification Imaging: from research to clinical practice. EuroEcho Congress of the European Society of Cardiology (ESC), December 2009, Madrid, Spain.