

1. **Abdelmoula A, Martin V, Bouchant A, Walrand S, Lavet C, Taillardat M, Maffiuletti NA, Boisseau N, Duche P, and Ratel S.** Knee extension strength in obese and non-obese male adolescent. *Appl Physiol Nutr Metab* 37: 269-275, 2012.
2. **Aguer C, Mercier J, Man CY, Metz L, Bordenave S, Lambert K, Jean E, Lantier L, Bounoua L, Brun JF, Raynaud de Mauverger E, Andreelli F, Foretz M, and Kitzmann M.** Intramyocellular lipid accumulation is associated with permanent relocation ex vivo and in vitro of fatty acid translocase (FAT)/CD36 in obese patients. *Diabetologia* 53: 1151-1163, 2010.
3. **Alaphilippe A, Mandigout S, Ratel S, Bonis J, Courteix D, and Duclos M.** Longitudinal follow-up of biochemical markers of fatigue throughout a sporting season in young elite rugby players. *J Strength Cond Res* 26: 3376-3384, 2012.
4. **Aucouturier J, Duche P, and Timmons BW.** Metabolic flexibility and obesity in children and youth. *Obes Rev* 12: e44-53, 2011.
5. **Aucouturier J, Isacco L, Thivel D, Fellmann N, Chardigny JM, Duclos M, and Duche P.** Effect of time interval between food intake and exercise on substrate oxidation during exercise in obese and lean children. *Clin Nutr* 30: 780-785, 2011.
6. **Aucouturier J, Thivel D, Isacco L, Fellmann N, Chardigny JM, Duclos M, and Duche P.** Combined food intake and exercise unmask different hormonal responses in lean and obese children. *Appl Physiol Nutr Metab* 38: 638-643, 2013.
7. **Baquet G, Gamelin FX, Mucci P, Thevenet D, Van Praagh E, and Berthoin S.** Continuous vs. interval aerobic training in 8- to 11-year-old children. *J Strength Cond Res* 24: 1381-1388, 2010.
8. **Barrat E, Aubineau N, Maillot M, Derbord E, Barthes P, Lescuyer JF, Boisseau N, and Peltier SL.** Repeatability and relative validity of a quantitative food-frequency questionnaire among french adults. *Food & Nutrition Research* 2012.
9. **Barrat E, Zair Y, Sirvent P, Chauveau P, Maudet C, Housez B, Derbord E, Lescuyer JF, Bard JM, Cazaubiel M, and Peltier SL.** Effect on LDL-cholesterol of a large dose of a dietary supplement with plant extracts in subjects with untreated moderate hypercholesterolaemia: a randomised, double-blind, placebo-controlled study. *Eur J Nutr* in press: 2012.
10. **Ben Ayed K, Latiri I, Dore E, and Tabka Z.** Leg muscle power in 12-year-old black and white Tunisian football players. *Res Sports Med* 19: 103-117, 2011.
11. **Ben Ounis O, Elloumi M, Makni E, Zouhal H, Amri M, Tabka Z, and Lac G.** Exercise improves the ApoB/ApoA-I ratio, a marker of the metabolic syndrome in obese children. *Acta Paediatr* 99: 1679-1685, 2010.
12. **Ben Ounis O, Elloumi M, Zouhal H, Makni E, Denguezli M, Amri M, Lac G, and Tabka Z.** Effect of individualized exercise training combined with diet restriction on inflammatory markers and IGF-1/IGFBP-3 in obese children. *Ann Nutr Metab* 56: 260-266, 2010.
13. **Bensefa-Colas L, Telle-Lamberton M, Paris C, Faye S, Stocks SJ, Luc A, Bourrain JL, Crepy MN, Dupas D, Frimat P, Garnier R, Lehucher-Michel MP, Pairon JC, Soulat JM, Lasfargues G, Choudat D, and Momas I.** Occupational allergic contact dermatitis and major allergens in France: temporal trends for the period 2001-2010. *The British journal of dermatology* 171: 1375-1385, 2014.
14. **Blaes A, Baquet G, Fabre C, Van Praagh E, and Berthoin S.** Is there any relationship between physical activity level and patterns, and physical performance in children? *Int J Behav Nutr Phys Act* 8: 122, 2011.
15. **Blaes A, Baquet G, Van Praagh E, and Berthoin S.** Physical activity patterns in French youth--from childhood to adolescence--monitored with high-frequency accelerometry. *Am J Hum Biol* 23: 353-358, 2011.
16. **Boisseau N, Enea C, Diaz V, Dugue B, Corcuff JB, and Duclos M.** Oral contraception but not menstrual cycle phase is associated with increased free cortisol levels and low hypothalamo-pituitary-adrenal axis reactivity. *J Endocrinol Invest* 36: 955-964, 2013.

17. **Bouchant A, Martin V, Maffioletti NA, and Ratel S.** Can muscle size fully account for strength differences between children and adults? *J Appl Physiol* 110: 1748-1749, 2011.
18. **Bouchant A, Martin V, Maffioletti NA, and Ratel S.** Last word on viewpoint: Can muscle size fully account for strength differences between children and adults? *J Appl Physiol* 110: 1754, 2011.
19. **Brink-Elfegoun T, Ratel S, Lepretre PM, Metz L, Ennequin G, Dore E, Martin V, Bishop D, Aubineau N, Lescuyer JF, Duclos M, Sirvent P, and Peltier SL.** Effects of sports drinks on the maintenance of physical performance during 3 tennis matches: a randomized controlled study. *Journal of the International Society of Sports Nutrition* 11: 46, 2014.
20. **Buchheit M, Duche P, Laursen PB, and Ratel S.** Postexercise heart rate recovery in children: relationship with power output, blood pH, and lactate. *Appl Physiol Nutr Metab* 35: 142-150, 2010.
21. **Burt LA, Ducher G, Naughton GA, Courteix D, and Greene DA.** Gymnastics participation is associated with skeletal benefits in the distal forearm: a 6-month study using peripheral Quantitative Computed Tomography. *J Musculoskelet Neuronal Interact* 13: 395-404, 2013.
22. **Burt LA, Naughton GA, Greene DA, Courteix D, and Ducher G.** Non-elite gymnastics participation is associated with greater bone strength, muscle size, and function in pre- and early pubertal girls. *Osteoporos Int* 23: 1277-1286, 2012.
23. **Carvalho HM, Coelho-e-Silva MJ, Franco S, Figueiredo AJ, Tavares OM, Ferry B, Hidalgo-Hermanni I, Courteix D, and Malina RM.** Agreement between anthropometric and dual-energy X-ray absorptiometry assessments of lower-limb volumes and composition estimates in youth-club rugby athletes. *Appl Physiol Nutr Metab* 37: 463-471, 2012.
24. **Chanseau E, Barquissau V, Salles J, Aucouturier J, Patrac V, Giraudet C, Gryson C, Duche P, Boirie Y, Chardigny JM, and Morio B.** Muscle mitochondrial oxidative phosphorylation activity, but not content, is altered with abdominal obesity in sedentary men: synergism with changes in insulin sensitivity. *J Clin Endocrinol Metab* 95: 2948-2956, 2010.
25. **Chaplais E, Naughton G, Thivel D, Courteix D, and Greene D.** Smartphone interventions for weight treatment and behavioural change in paediatric obesity: a systematic review. *Telemedicine and e-Health* In press: 2015.
26. **Chaplais E, Thivel D, Greene D, Dutheil F, Duche P, Naughton G, and Courteix D.** The bone-adiposity cross-talk: implication in pediatric obesity: A narrative review of literature. *Journal of Bone and Mineral Metabolism* In press: 2015.
27. **Chaput JP, Leblanc AG, McFarlane A, Colley RC, Thivel D, Biddle SJ, Maddison R, Leatherdale ST, and Tremblay MS.** Active Healthy Kids Canada's Position on Active Video Games for Children and Youth. *Paediatr Child Health* 18: 529-532, 2013.
28. **Chaput JP, Schwartz C, Boirie Y, Duclos M, Tremblay A, and Thivel D.** Energy intake adaptations to acute isoenergetic active video game and exercise are similar in obese adolescents. *European Journal of Clinical Nutrition* 2015.
29. **Chavanelle V, Sirvent P, Ennequin G, Caillaud K, Montaurier C, Morio B, Boisseau N, and Richard R.** Comparison of oxygen consumption in rats during uphill (concentric) and downhill (eccentric) treadmill exercise tests. *Journal of sports science & medicine* 13: 689-694, 2014.
30. **Cottin F, Le Moing P, Filliau C, Martin V, and Papelier Y.** Relationship between ventilatory thresholds and systolic blood pressure variability. *Int J Sports Med* 31: 604-609, 2010.
31. **Cousson PY, Bessadet M, Nicolas E, Veyrune JL, Lesourd B, and Lassauzay C.** Nutritional status, dietary intake and oral quality of life in elderly complete denture wearers. *Gerodontology* 29: e685-692, 2012.
32. **Crendal E, Walther G, Dutheil F, Courteix D, Lesourd B, Chapier R, Naughton G, Vinet A, and Obert P.** Left ventricular myocardial dyssynchrony is already present in nondiabetic patients with metabolic syndrome. *The Canadian journal of cardiology* 30: 320-324, 2014.
33. **Crendal E, Walther G, Vinet A, Dutheil F, Naughton G, Lesourd B, Chapier R, Rupp T, Courteix D, and Obert P.** Myocardial deformation and twist mechanics in adults with metabolic syndrome: Impact of cumulative metabolic burden. *Obesity (Silver Spring)* 21: E679-686, 2013.

34. **Dambrun M, Ricard M, Despres G, Drelon E, Gibelin E, Gibelin M, Loubeyre M, Py D, Delpy A, Garibbo C, Bray E, Lac G, and Michaux O.** Measuring happiness: from fluctuating happiness to authentic-durable happiness. *Front Psychol* 3: 16, 2012.
35. **de Luca A, Boisseau N, Tea I, Louvet I, Robins RJ, Forhan A, Charles MA, and Hankard R.** delta(15)N and delta(13)C in hair from newborn infants and their mothers: a cohort study. *Pediatr Res* 71: 598-604, 2012.
36. **Dutheil F, Boudet G, Perrier C, Lac G, Ouchchane L, Chamoux A, Duclos M, and Schmidt J.** JOBSTRESS study: comparison of heart rate variability in emergency physicians working a 24-hour shift or a 14-hour night shift - a randomized trial. *Int J Cardiol* 158: 322-325, 2012.
37. **Dutheil F, Chambres P, Hufnagel C, Auxiette C, Chausse P, Ghozi R, Paugam G, Boudet G, Khalfa N, Naughton G, Chamoux A, Mermillod M, and Bertrand PR.** 'Do Well B.': Design Of WELL Being monitoring systems. A study protocol for the application in autism. *BMJ Open* 5: e007716, 2015.
38. **Dutheil F, Lac G, Courteix D, Dore E, Chapier R, Roszyk L, Sapin V, and Lesourd B.** Treatment of Metabolic syndrome by combination of physical activity and diet needs an optimal protein intake: a randomized controlled trial. *Nutr J* 11: 72, 2012.
39. **Dutheil F, Lac G, Lesourd B, Chapier R, Walther G, Vinet A, Sapin V, Verney J, Ouchchane L, Duclos M, Obert P, and Courteix D.** Different modalities of exercise to reduce visceral fat mass and cardiovascular risk in metabolic syndrome: the RESOLVE randomized trial. *Int J Cardiol* 168: 3634-3642, 2013.
40. **Dutheil F, Lesourd B, Courteix D, Chapier R, Dore E, and Lac G.** Blood lipids and adipokines concentrations during a 6-month nutritional and physical activity intervention for metabolic syndrome treatment. *Lipids Health Dis* 9: 148, 2010.
41. **Dutheil F, Trousselard M, Perrier C, Lac G, Chamoux A, Duclos M, Naughton G, Mnatzaganian G, and Schmidt J.** Urinary interleukin-8 is a biomarker of stress in emergency physicians, especially with advancing age--the JOBSTRESS* randomized trial. *PLoS One* 8: e71658, 2013.
42. **Dutheil F, Walther G, Chapier R, Mnatzaganian G, Lesourd B, Naughton G, Verney J, Fogli A, Sapin V, Duclos M, Vinet A, Obert P, Courteix D, and Lac G.** Atherogenic subfractions of lipoproteins in the treatment of metabolic syndrome by physical activity and diet - the RESOLVE trial. *Lipids in health and disease* 13: 112, 2014.
43. **El Elj N, Lac G, Alya B, Lasram M, Zaouali M, Tabka Z, Kammoun A, Gharbi N, and El Fezaa S.** Additive effect of diets and training on total insulin-like growth factor-1 (IGF-1) in rats. *Ann Endocrinol (Paris)* 71: 297-302, 2010.
44. **Elloumi M, Makni E, Moalla W, Bouaziz T, Tabka Z, Lac G, and Chamari K.** Monitoring training load and fatigue in rugby sevens players. *Asian J Sports Med* 3: 175-184, 2012.
45. **Elloumi M, Makni E, Ounis OB, Moalla W, Zbidi A, Zaoueli M, Lac G, and Tabka Z.** Six-minute walking test and the assessment of cardiorespiratory responses during weight-loss programmes in obese children. *Physiother Res Int* 16: 32-42, 2011.
46. **Enea C, Boisseau N, Bayle ML, Flament MM, Grenier-Loustalot MF, Denjean A, Diaz V, and Dugue B.** Nandrolone excretion in sedentary vs physically trained young women. *Scand J Med Sci Sports* 20: 90-99, 2010.
47. **Enea C, Boisseau N, Fargeas-Gluck MA, Diaz V, and Dugue B.** Circulating androgens in women: exercise-induced changes. *Sports Med* 41: 1-15, 2011.
48. **Enea C, Seguin F, Petitpas-Mulliez J, Boildieu N, Boisseau N, Delpech N, Diaz V, Eugene M, and Dugue B.** (1)H NMR-based metabolomics approach for exploring urinary metabolome modifications after acute and chronic physical exercise. *Anal Bioanal Chem* 396: 1167-1176, 2010.
49. **Ennequin G, Boisseau N, Caillaud K, Chavanelle V, Etienne M, Li X, Montaurier C, and Sirvent P.** Neuregulin 1 affects leptin levels, food intake and weight gain in normal-weight, but not obese, db/db mice. *Diabetes & metabolism* 2015.
50. **Fabre JB, Martin V, Borelli G, Theurel J, and Grelot L.** Effects of string stiffness on muscle fatigue after a simulated tennis match. *Journal of applied biomechanics* 30: 401-406, 2014.

51. **Fabre JB, Martin V, Gondin J, Cottin F, and Grelot L.** Effect of playing surface properties on neuromuscular fatigue in tennis. *Med Sci Sports Exerc* 44: 2182-2189, 2012.
52. **Ferry B, Duclos M, Burt L, Therre P, Le Gall F, Jaffre C, and Courteix D.** Bone geometry and strength adaptations to physical constraints inherent in different sports: comparison between elite female soccer players and swimmers. *J Bone Miner Metab* 29: 342-351, 2011.
53. **Ferry B, Gavris M, Tifrea C, Serbanoiu S, Pop AC, Bembea M, and Courteix D.** The bone tissue of children and adolescents with Down syndrome is sensitive to mechanical stress in certain skeletal locations: a 1-year physical training program study. *Res Dev Disabil* 35: 2077-2084, 2014.
54. **Ferry B, Lespessailles E, Rochcongar P, Duclos M, and Courteix D.** Bone health during late adolescence: effects of an 8-month training program on bone geometry in female athletes. *Joint Bone Spine* 80: 57-63, 2013.
55. **Gavris-Stef M, Ferry B, Serbanoiu S, Hantiu I, Lucaciu G, Tifrea C, and Courteix D.** Bone health of subjects with Down syndrome: is there a linkage with stabilometric characteristics measured as surrogate of body tonicity? . *Procedia - Social and Behavioral Sciences* 117: 665-671, 2014.
56. **Gavris M, Courteix D, Serbanoiu S, Hantiu I, Tifrea C, and Ferry B.** The bone tissue in Down syndrome patients deteriorates following aging: a study based upon bone ultrasound analysis. . *Journal of Medical Ultrasound* 22: 29-36, 2014.
57. **Gerbaix M, Metz L, Mac-Way F, Lavet C, Guillet C, Walrand S, Masgrau A, Linossier MT, Vico L, and Daniel C.** Impact of an obesogenic diet program on bone densitometry, micro architecture and metabolism in male rat. *Lipids Health Dis* 11: 91, 2012.
58. **Gerbaix M, Metz L, Mac-Way F, Lavet C, Guillet C, Walrand S, Masgrau A, Vico L, and Courteix D.** A well-balanced diet combined or not with exercise induces fat mass loss without any decrease of bone mass despite bone micro-architecture alterations in obese rat. *Bone* 53: 382-390, 2013.
59. **Gerbaix M, Metz L, Ringot E, and Courteix D.** Visceral fat mass determination in rodent: validation of dual-energy X-ray absorptiometry and anthropometric techniques in fat and lean rats. *Lipids Health Dis* 9: 140, 2011.
60. **Groussard C, Rouchon-Isnard M, Coutard C, Romain F, Malarde L, Lemoine-Morel S, Martin B, Pereira B, and Boisseau N.** Beneficial effects of an intradialytic cycling exercise program in ESKD patients. *Applied Physiology, Nutrition, and Metabolism* In press: 2015.
61. **Gryson C, Ratel S, Rance M, Penando S, Bonhomme C, Le Ruyet P, Duclos M, Boirie Y, and Walrand S.** Four-month course of soluble milk proteins interacts with exercise to improve muscle strength and delay fatigue in elderly participants. *J Am Med Dir Assoc* 15: 958 e951-959, 2014.
62. **Gueugneau M, Coudy-Gandilhon C, Theron L, Meunier B, Barboiron C, Combaret L, Taillandier D, Polge C, Attaix D, Picard B, Verney J, Roche F, Feasson L, Barthelemy JC, and Bechet D.** Skeletal Muscle Lipid Content and Oxidative Activity in Relation to Muscle Fiber Type in Aging and Metabolic Syndrome. *J Gerontol A Biol Sci Med Sci* 2014.
63. **Isacco L, Duche P, and Boisseau N.** Influence of hormonal status on substrate utilization at rest and during exercise in the female population. *Sports Med* 42: 327-342, 2012.
64. **Isacco L, Duche P, Thivel D, Meddahi-Pelle A, Lemoine-Morel S, Duclos M, and Boisseau N.** Fat Mass Localization Alters Fuel Oxidation during Exercise in Normal Weight Women. *Med Sci Sports Exerc* 45: 1887-1896, 2013.
65. **Isacco L, Lazaar N, Ratel S, Thivel D, Aucouturier J, Dore E, Meyer M, and Duche P.** The impact of eating habits on anthropometric characteristics in French primary school children. *Child Care Health Dev* 36: 835-842, 2010.
66. **Isacco L, Thivel D, Duclos M, Aucouturier J, and Boisseau N.** Effects of adipose tissue distribution on maximum lipid oxidation rate during exercise in normal-weight women. *Diabetes Metab* 40: 215-219, 2014.
67. **Isacco L, Thivel D, Duclos M, and Boisseau N.** Discussion of « Body fat has no effect on the maximal fat oxidation rate in young normal and overweight women ». . *Journal of Strength and conditioning research* in press: 2015.

68. **Isacco L, Thivel D, Meddahi-Pelle A, Lemoine-Morel S, Duclos M, and Boisseau N.** Exercise per se masks oral contraceptive-induced postprandial lipid mobilization. *Appl Physiol Nutr Metab* 39: 1222-1229, 2014.
69. **Isacco L, Thivel D, Pelle AM, Zouhal H, Duclos M, Duche P, and Boisseau N.** Oral contraception and energy intake in women: impact on substrate oxidation during exercise. *Appl Physiol Nutr Metab* 37: 646-656, 2012.
70. **Isacco L, Thivel D, Pereira B, Duclos M, and Boisseau N.** Maximal fat oxidation, but not aerobic capacity, is affected by oral contraceptive use in young healthy women. *Eur J Appl Physiol* 2015.
71. **Kluka V, Martin V, Vicencio SG, Jegu AG, Cardenoux C, Morio C, Coudeyre E, and Ratel S.** Effect of Muscle Length on Voluntary Activation Level in Children and Adults. *Medicine and science in sports and exercise* 2014.
72. **Lac G, Dutheil F, Brousse G, Triboulet-Kelly C, and Chamoux A.** Saliva DHEAS changes in patients suffering from psychopathological disorders arising from bullying at work. *Brain Cogn* 80: 277-281, 2012.
73. **LeBlanc AG, Chaput JP, McFarlane A, Colley RC, Thivel D, Biddle SJ, Maddison R, Leatherdale ST, and Tremblay MS.** Active video games and health indicators in children and youth: a systematic review. *PLoS One* 8: e65351, 2013.
74. **Lechaue JB, Perrault H, Aguilaniu B, Isner-Horobeti ME, Martin V, Coudeyre E, and Richard R.** Breathing patterns during eccentric exercise. *Respiratory physiology & neurobiology* 202: 53-58, 2014.
75. **Lespessailles E, Jaffre C, Rochefort GY, Dolleans E, Benhamou CL, and Courteix D.** Exercise and zoledronic acid on lipid profile and bone remodeling in ovariectomized rats: a paradoxical negative association? *Lipids* 45: 337-344, 2010.
76. **Lopez V, Chamoux A, Tempier M, Thiel H, Ughetto S, Trousselard M, Naughton G, and Dutheil F.** The long-term effects of occupational exposure to vinyl chloride monomer on microcirculation: a cross-sectional study 15 years after retirement. *BMJ Open* 3: 2013.
77. **Makni E, Moalla W, Lac G, Aouichaoui C, Cannon D, Elloumi M, and Tabka Z.** The Homeostasis Model Assessment-adiponectin (HOMA-AD) is the most sensitive predictor of insulin resistance in obese children. *Ann Endocrinol (Paris)* 73: 26-33, 2012.
78. **Makni E, Moalla W, Trabelsi Y, Lac G, Brun JF, Tabka Z, and Elloumi M.** Six-minute walking test predicts maximal fat oxidation in obese children. *Int J Obes (Lond)* 36: 908-913, 2012.
79. **Martin V, Kerherve H, Messonnier LA, Banfi JC, Geysant A, Bonnefoy R, Feasson L, and Millet GY.** Central and peripheral contributions to neuromuscular fatigue induced by a 24-h treadmill run. *J Appl Physiol* 108: 1224-1233, 2010.
80. **Martin V, Kluka V, Garcia Vicencio S, Maso F, and Ratel S.** Children have a reduced maximal voluntary activation level of the adductor pollicis muscle compared to adults. *European journal of applied physiology* 2015.
81. **Martin V, and Ratel S.** Determining the muscle voluntary activation characteristics in children: a methodological challenge. Commentary on "Child-adult differences in muscle activation--a review". *Pediatric exercise science* 26: 365-368, 2014.
82. **Martin V, Ratel S, Siracusa J, Le Ruyet P, Savary-Auzeloux I, Combaret L, Guillet C, and Dardevet D.** Whey proteins are more efficient than casein in the recovery of muscle functional properties following a casting induced muscle atrophy. *PLoS One* 8: e75408, 2013.
83. **Masgrau A, Mishellany-Dutour A, Murakami H, Beaufre AM, Walrand S, Giraudet C, Migne C, Gerbaix M, Metz L, Courteix D, Guillet C, and Boirie Y.** Time-course changes of muscle protein synthesis associated with obesity-induced lipotoxicity. *J Physiol* 590: 5199-5210, 2012.
84. **Maurel DB, Boisseau N, Benhamou CL, and Jaffre C.** Alcohol and bone: review of dose effects and mechanisms. *Osteoporos Int* 23: 1-16, 2012.
85. **Maurel DB, Boisseau N, Benhamou CL, and Jaffre C.** Cortical bone is more sensitive to alcohol dose effects than trabecular bone in the rat. *Joint Bone Spine* 79: 492-499, 2012.

86. **Maurel DB, Boisseau N, Ingrand I, Dolleans E, Benhamou CL, and Jaffre C.** Combined effects of chronic alcohol consumption and physical activity on bone health: study in a rat model. *Eur J Appl Physiol* 111: 2931-2940, 2011.
87. **Maurel DB, Boisseau N, Pallu S, Rochefort GY, Benhamou CL, and Jaffre C.** Regular exercise limits alcohol-induced osteopenia in the rat. *Joint Bone Spine* 2013.
88. **Maurel DB, Jaffre C, Rochefort GY, Aveline PC, Boisseau N, Uzbekov R, Gosset D, Pichon C, Fazzalari NL, Pallu S, and Benhamou CL.** Low bone accrual is associated with osteocyte apoptosis in alcohol-induced osteopenia. *Bone* 49: 543-552, 2011.
89. **Maurel DB, Pallu S, Jaffre C, Fazzalari NL, Boisseau N, Uzbekov R, Benhamou CL, and Rochefort GY.** Osteocyte apoptosis and lipid infiltrations as mechanisms of alcohol-induced bone loss. *Alcohol & Alcoholism* 47: 413-422, 2012.
90. **Millet GY, Martin V, Martin A, and Verges S.** Electrical stimulation for testing neuromuscular function: from sport to pathology. *Eur J Appl Physiol* 111: 2489-2500, 2011.
91. **Millet GY, Tomazin K, Verges S, Vincent C, Bonnefoy R, Boisson RC, Gergele L, Feasson L, and Martin V.** Neuromuscular consequences of an extreme mountain ultra-marathon. *PLoS One* 6: e17059, 2011.
92. **Moustafa F, Milhaud G, Dublanquet N, Lebreton A, Dutheil F, and Schmidt J.** [Retrospective study about 73 consecutive patients treated by direct oral anticoagulant and admitted to an emergency room]. *J Mal Vasc* 40: 1-9, 2015.
93. **Ngo KT, Denis C, Saafi MA, Feasson L, and Verney J.** Endurance but not resistance training increases intra-myocellular lipid content and beta-hydroxyacyl coenzyme A dehydrogenase activity in active elderly men. *Acta Physiol (Oxf)* 205: 133-144, 2012.
94. **Ollier M, Chamoux A, Naughton G, Pereira B, and Dutheil F.** Chest CT scan screening for lung cancer in asbestos occupational exposure: a systematic review and meta-analysis. *Chest* 145: 1339-1346, 2014.
95. **Ollier M, Garcier JM, Naughton G, Chamoux A, Pereira B, and Dutheil F.** CT scan procedure for lung cancer screening in asbestos-exposed workers. *Chest* 146: e76-77, 2014.
96. **Passelergue PA, and Lac G.** Salivary Hormonal Responses and Performance Changes during 15 Weeks of Mixed Aerobic and Weight Training in Elite Junior Wrestlers. *J Strength Cond Res* 26: 3049-3058, 2012.
97. **Peltier SL, Lepretre PM, Metz L, Ennequin G, Aubineau N, Lescuyer JF, Duclos M, Brink T, and Sirvent P.** Effects of pre-exercise, endurance and recovery designer sports drinks on performance during tennis tournament simulation. *J Strength Cond Res* 2013.
98. **Peltier SL, Vincent L, Millet GY, Sirvent P, Morin JB, Guerraz M, Geysant A, Lescuyer JF, Feasson L, and Messonnier L.** Effects of carbohydrates-BCAAs-caffeine ingestion on performance and neuromuscular function during a 2-h treadmill run: a randomized, double-blind, cross-over placebo-controlled study. *J Int Soc Sports Nutr* 8: 22, 2011.
99. **Peyrot N, Morin JB, Thivel D, Isacco L, Taillardat M, Belli A, and Duche P.** Mechanical work and metabolic cost of walking after weight loss in obese adolescents. *Med Sci Sports Exerc* 42: 1914-1922, 2010.
100. **Peyrot N, Thivel D, Isacco L, Morin JB, Belli A, and Duche P.** Why Does Walking Economy Improve After Weight Loss In Obese Adolescents? *Med Sci Sports Exerc* 44: 659-665, 2012.
101. **Pialoux T, Goyard J, and Lesourd B.** Screening tools for frailty in primary health care: A systematic review. *Geriatr Gerontol Int* 12: 189-197, 2012.
102. **Py G, Ramonatxo C, Sirvent P, Sanchez AM, Philippe AG, Douillard A, Galbes O, Lionne C, Bonnieu A, Chopard A, Cazorla O, Lacampagne, and Candau RB.** Chronic clenbuterol treatment compromises force production without directly altering skeletal muscle contractile machinery. *The Journal of physiology* 2015.
103. **Ratel S.** High-intensity and resistance training and elite young athletes. *Med Sport Sci* 56: 84-96, 2011.

104. **Ratel S, Gryson C, Rance M, Penando S, Bonhomme C, Le Ruyet P, Duclos M, Boirie Y, and Walrand S.** Detraining-induced alterations in metabolic and fitness markers after a multicomponent exercise-training program in older men. *Appl Physiol Nutr Metab* 37: 72-79, 2012.
105. **Ratel S, and Martin V.** Les efforts anaérobies lactiques chez les enfants: la fin d'une idée reçue ? *Sci Sport* 27: 195-200, 2012.
106. **Ratel S, Martin V, Tonson A, Cozzone PJ, and Bendahan D.** Can we simply infer mitochondrial function from PCr resynthesis after exercise in skeletal muscle? *Pediatr Res* 72: 221, 2012.
107. **Ratel S, Martin V, Tonson A, Cozzone PJ, and Bendahan D.** Skeletal muscle mitochondrial function cannot be properly inferred from PCr resynthesis without taking pH changes into account. *Magn Reson Imaging* 30: 1542-1543, 2012.
108. **Ratel S, Tonson A, Cozzone PJ, and Bendahan D.** Do oxidative and anaerobic energy production in exercising muscle change throughout growth and maturation? *J Appl Physiol* 109: 1562-1564, 2010.
109. **Samaras D, Samaras N, Bertrand PC, Forster A, Herrmann F, Lesourd B, and Lang PO.** Comparison of the Interobserver Variability of 2 Different Methods of Dietary Assessment in a Geriatric Ward: A Pilot Study. *J Am Med Dir Assoc* 13: 309 e309-313, 2012.
110. **Schwartz C, and Thivel D.** PYY3-36 and hunger responses to exercise in obese adolescent girls: which effects on effective energy intake? . *Pediatric Exercise Sciences* In press: 2015.
111. **Serrano-Ferrer J, Walther G, Crendal E, Vinet A, Dutheil F, Naughton G, Lesourd B, Chapier R, Courteix D, and Obert P.** Right ventricle free wall mechanics in metabolic syndrome without type-2 diabetes: effects of a 3-month lifestyle intervention program. *Cardiovascular diabetology* 13: 116, 2014.
112. **Sirvent P, Douillard A, Galbes O, Ramonatxo C, Py G, Candau R, and Lacampagne A.** Effects of chronic administration of clenbuterol on contractile properties and calcium homeostasis in rat extensor digitorum longus muscle. *PLoS one* 9: e100281, 2014.
113. **Sirvent P, Fabre O, Bordenave S, Hillaire-Buys D, Raynaud De Mauverger E, Lacampagne A, and Mercier J.** Muscle mitochondrial metabolism and calcium signaling impairment in patients treated with statins. *Toxicol Appl Pharmacol* 259: 263-268, 2012.
114. **Tekath M, Dutheil F, Bellini R, Roche A, Pereira B, Naughton G, Chamoux A, and Michel JL.** Comparison of the ultra-low-dose Veo algorithm with the gold standard filtered back projection for detecting pulmonary asbestos-related conditions: a clinical observational study. *BMJ Open* 4: e004980, 2014.
115. **Temesi J, Arnal PJ, Rupp T, Feasson L, Cartier R, Gergele L, Verges S, Martin V, and Millet GY.** Are Females More Resistant to Extreme Neuromuscular Fatigue? *Medicine and science in sports and exercise* 2014.
116. **Temesi J, Rupp T, Martin V, Arnal PJ, Feasson L, Verges S, and Millet GY.** Central fatigue assessed by transcranial magnetic stimulation in ultratrail running. *Medicine and science in sports and exercise* 46: 1166-1175, 2014.
117. **Thivel D, Aucouturier J, Doucet E, Saunders TJ, and Chaput JP.** Daily energy balance in children and adolescents. Does energy expenditure predict subsequent energy intake? *Appetite* 60: 58-64, 2013.
118. **Thivel D, Aucouturier J, Isacco L, Lazaar N, Ratel S, Dore E, Meyer M, and Duche P.** Are eating habits associated with physical fitness in primary school children? *Eat Behav* 14: 83-86, 2013.
119. **Thivel D, Aucouturier J, Metz L, Morio B, and Duche P.** Is there spontaneous energy expenditure compensation in response to intensive exercise in obese youth? *Pediatr Obes* 2013.
120. **Thivel D, Blundell JE, Duche P, and Morio B.** Acute exercise and subsequent nutritional adaptations: what about obese youths? *Sports Med* 42: 607-613, 2012.
121. **Thivel D, Brakoniek K, Duche P, Beatrice M, Yves B, and Laferrere B.** Surgical weight loss: impact on energy expenditure. *Obes Surg* 23: 255-266, 2013.
122. **Thivel D, and Chaput JP.** Are post-exercise appetite sensations and energy intake coupled in children and adolescents? *Sports Med* 44: 735-741, 2014.

123. **Thivel D, and Chaput JP.** Discussion of "Influence of netball-based exercise on energy intake, subjective appetite and plasma acylated ghrelin in adolescent girls". *Appl Physiol Nutr Metab* 38: 1170, 2013.
124. **Thivel D, and Chaput JP.** [Food consumption in children and youth: effect of sedentary activities]. *Rev Epidemiol Sante Publique* 61: 399-405, 2013.
125. **Thivel D, Chaput JP, Adamo KB, and Goldfield GS.** Is energy intake altered by a 10-week aerobic exercise intervention in obese adolescents? *Physiol Behav* 135C: 130-134, 2014.
126. **Thivel D, and Duche P.** Physical activity for weight loss in children: is there any compensatory mechanism? *Pediatr Exerc Sci* 26: 121-123, 2014.
127. **Thivel D, Duche P, and Morio B.** Discussion of "overweight and obese boys reduce food intake in response to a glucose drink but fail to increase intake in response to exercise of short duration". *Appl Physiol Nutr Metab* 37: 1014-1015; discussion 1016-1017, 2012.
128. **Thivel D, Duche P, and Morio B.** Energy balance in youth: an 'inter-dynamic' concept? *Br J Nutr* 1-2, 2013.
129. **Thivel D, Duche P, and Morio B.** Post-exercise energy load and activities may affect subsequent ad libitum energy intake. *Int J Obes (Lond)* 2013.
130. **Thivel D, Isacco L, Aucouturier J, Pereira B, Lazaar N, Ratel S, Dore E, and Duche P.** Bedtime and Sleep Timing but not Sleep Duration Are Associated With Eating Habits in Primary School Children. *J Dev Behav Pediatr* 2015.
131. **Thivel D, Isacco L, Lazaar N, Aucouturier J, Ratel S, Dore E, Meyer M, and Duche P.** Effect of a 6-month school-based physical activity program on body composition and physical fitness in lean and obese schoolchildren. *Eur J Pediatr* 170: 1435-1443, 2011.
132. **Thivel D, Isacco L, Montaurier C, Boirie Y, Duche P, and Morio B.** The 24-h Energy Intake of Obese Adolescents Is Spontaneously Reduced after Intensive Exercise: A Randomized Controlled Trial in Calorimetric Chambers. *PLoS One* 7: e29840, 2012.
133. **Thivel D, Isacco L, Rousset S, Boirie Y, Morio B, and Duche P.** Intensive exercise: a remedy for childhood obesity? *Physiol Behav* 102: 132-136, 2011.
134. **Thivel D, Isacco L, Taillardat M, Rousset S, Boirie Y, Morio B, and Duche P.** Gender effect on exercise-induced energy intake modification among obese adolescents. *Appetite* 56: 658-661, 2011.
135. **Thivel D, Maso F, Aouiche S, Coignet B, Dore E, and Duche P.** Nutritional responses to acute training sessions in young elite rugby players. *Appetite* 84: 316-321, 2015.
136. **Thivel D, Metz L, Aucouturier J, Brakonietki K, Duche P, and Morio B.** The effects of imposed sedentary behavior and exercise on energy intake in adolescents with obesity. *J Dev Behav Pediatr* 34: 616-622, 2013.
137. **Thivel D, Metz L, Julien A, Morio B, and Duche P.** Obese but not lean adolescents spontaneously decrease energy intake after intensive exercise. *Physiol Behav* 123: 41-46, 2013.
138. **Thivel D, O'Malley G, Pereira B, Duche P, and Aucouturier J.** Comparison of total body and abdominal adiposity indexes to dual x-ray absorptiometry scan in obese adolescents. *Am J Hum Biol* 2014.
139. **Thivel D, Saunders TJ, and Chaput JP.** Physical activity in children and youth may have greater impact on energy intake than energy expenditure. *J Nutr Educ Behav* 45: e1, 2013.
140. **Thivel D, Tremblay MS, and Chaput JP.** Modern sedentary behaviors favor energy consumption in children and adolescents. *Current Obesity Report* 23: 734-742, 2013.
141. **Tonson A, Ratel S, Le Fur Y, Vilmen C, Cozzone PJ, and Bendahan D.** Muscle energetics changes throughout maturation: a quantitative ³¹P-MRS analysis. *J Appl Physiol* 109: 1769-1778, 2010.
142. **Vinet A, Obert P, Dutheil F, Diagne L, Chapier R, Lesourd B, Courteix D, and Walther G.** Impact of a Lifestyle Program on Vascular Insulin Resistance in Metabolic Syndrome Subjects: The RESOLVE Study. *The Journal of clinical endocrinology and metabolism* 100: 442-450, 2015.
143. **Walther G, Obert P, Dutheil F, Chapier R, Lesourd B, Naughton G, Courteix D, and Vinet A.** Metabolic Syndrome Individuals With and Without Type 2 Diabetes Mellitus Present Generalized Vascular Dysfunction: Cross-Sectional Study. *Arteriosclerosis, thrombosis, and vascular biology* 2015.

144. **Walther G, Obert P, Dutheil F, Chapier R, Lesourd B, Naughton G, Courteix D, and Vinet A.** Metabolic Syndrome Individuals With and Without Type 2 Diabetes Mellitus Present Generalized Vascular Dysfunction: Cross-Sectional Study. *Arterioscler Thromb Vasc Biol* 2015.
145. **Zghal F, Cottin F, Kenoun I, Rebai H, Moalla W, Dogui M, Tabka Z, and Martin V.** Improved tolerance of peripheral fatigue by the central nervous system after endurance training. *European journal of applied physiology* 2015.
146. **Zghal F, Martin V, Thorkani A, Arnal PJ, Tabka Z, and Cottin F.** Effects of endurance training on the maximal voluntary activation level of the knee extensor muscles. *European journal of applied physiology* 114: 683-693, 2014.