

CFAS Publications - Centre for Physical Activity Research (TrygFondens Center for Aktiv Sundhed)

In the present list are included articles from the Center for Physical Activity Research (CFAS), published after the CFAS starting date, September 1st 2013. Proceedings and abstracts are not listed.

First column: Number of publications in total

Second column: Number of publications in category

PR: Peer reviewed articles

OA: Open Access articles

Total number of publications:	
476	Peer Reviewed Publications
Divided into:	
41	Theses
361	Original articles
74	Reviews, chapters, etc.

Theses**2013**

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| 1 | 1 | Nielsen S. Myomir Regulation and Function in Human Skeletal Muscle (PhD thesis). Defended September 2013 at the Faculty of Health Sciences, University Of Copenhagen (PR) |
| 2 | 2 | Olesen J. Role of PGC-1 α in acute and low-grade inflammation (PhD thesis). Defended October 2013 at the Faculty Of Science, University Of Copenhagen (PR) |

2014

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| 3 | 3 | Brandt C. Follistatin like 3; Regulation and effects in disease and exercise (PhD thesis). Defended February 2014 at the Faculty of Health Sciences, University Of Copenhagen (PR) |
| 4 | 4 | Biensø RS. Regulation of PDH, GS and insulin signaling in skeletal muscle; effect of physical activity level and inflammation (PhD thesis). Defended March 2014 at the Faculty Of Science, University Of Copenhagen (PR) |
| 5 | 5 | Berg RMG. Cerebral Autoregulation in Sepsis (PhD thesis). Defended June 2014 at the Faculty of Health Sciences, University Of Copenhagen (PR) |
| 6 | 6 | Karstoft K. The Effects of Interval-Walking Exercise on Glycemic Control in Subjects with Type 2 Diabetes Mellitus (PhD thesis). Defended September 2014 at the Faculty of Health Sciences, University Of Copenhagen (PR) |

2015

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| 7 | 7 | Knudsen JG. Skeletal muscle derived IL-6 in liver and adipose tissue metabolism (PhD thesis). Defended January 2015 at the Faculty of Health and Medical Sciences, University Of Copenhagen (PR) |
| 8 | 8 | Knudsen SH. Exercise-modulation of Glucose Tolerance and Beta-cell Function - The Role of Diabetic State (PhD thesis). Defended May 2015 at the Faculty of Health and Medical Sciences, University Of Copenhagen (PR) |
| 9 | 9 | Pedersen L. Exercise suppresses cancer - The role of exercise-induced anti-tumor immune response (PhD thesis). Defended December 2015 at Faculty of Health and Medical Sciences, University of Copenhagen (PR) |

2016

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| 10 | 10 | Hansen J. Hepatokine Regulation in Humans (PhD thesis). Defended May 2016 at Faculty of Health and Medical Sciences, University of Copenhagen (PR) |
| 11 | 11 | Nielsen ST. The Incretin Effect in Critically Ill Patients - The Role of Systemic Inflammation and Bed Rest (PhD thesis). Defended Januar 2016 at Faculty of Health and Medical Sciences, University of Copenhagen (PR) |

2017

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| 12 | 12 | Dethlefsen C. Running from Breast Cancer (PhD thesis). Defended May 2017 at Faculty of Health and Medical Sciences, University of Copenhagen (PR) |
| 13 | 13 | Hansen NS. The effect of fetal environment on adult muscle and fat stem cell function (PhD thesis). Defended June 2017 at Faculty of Health and Medical Sciences, University of Copenhagen (PR) |
| 14 | 14 | Harder-Lauridsen NM. How often should we eat? The effects of intermittent fasting in healthy lean men (PhD thesis). Defended April 2017 at Faculty of Health and Medical Sciences, University of Copenhagen (PR) |

- 15 15 Iepsen UW. The effects of exercise on skeletal muscle in chronic obstructive pulmonary disease - from guidelines to mechanisms (PhD thesis). Defended March 2017 at Faculty of Health and Medical Sciences, University of Copenhagen (PR)
- 16 16 Mathur N. Effects of inflammation on adipose tissue function in subcutaneous and visceral depots (PhD thesis). Defended February 2017 at Faculty of Health and Medical Sciences, University of Copenhagen (PR)
- 17 17 Munch GW. Regulation of blood flow during exercise: implication of training and heart failure (PhD thesis). Defended March 2017 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 18 18 Winding KM, Glycemic Control and Vascular Function in Type 2 Diabetes - The Role of Low-volume High-Intensity Interval Training (PhD thesis). Defended May 2017 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

2018

- 19 19 Henriksen TI. The effect of fetal environment on adult muscle and fat stem cell function (PhD thesis). Defended January 2018 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 20 20 Jespersen NZ. Characterization of Human Brown Fat (PhD thesis). Defended June 2018 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 21 21 Juhlin, T. Characterization of human supraclavicular brown adipocytes and identification of novel batokines (PhD thesis). Defended August 2018 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 22 22 Lehrskov, LL. Interleukin-6 regulation of gastric emptying (PhD thesis). Defended October 2018 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

2019

- 23 23 Abildgaard J. Lipid metabolism and insulin resistance in pre- and postmenopausal women (PhD thesis). Defended January 2019 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 24 24 Christensen RH. Exercise and interleukin-6 regulation of visceral, epicardial and pericardial adipose tissues. (PhD thesis). Defended September 2019 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 25 25 Karstoft K. Interval training for subjects with type 2 diabetes. (Doctoral dissertation). Defended June 2019 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 26 26 Pedersen KS. The tumor-suppressive effect of exercise - Implications of glutamine availability and role of statin treatment (PhD thesis). Defended May 2019 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 27 27 Peijs L. The secretome of human brown adipocytes and functional characterization of EPDR1. (PhD thesis). Defended December 2019 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 28 28 Wedell-Neergaard AS. Effects of exercise training on visceral fat and inflammation (PhD thesis). Defended March 2019 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

2020

- 29 29 Bay, ML. Exercise in the promotion of immune responses in the cancer setting - Wheel running and immune checkpoint blockade in pre-clinical tumor models, and implications of IL-6 in immune cell mobilization during acute exercise. (PhD thesis). Defended December 2020 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 30 30 Berg, RMG. Cerebral Haemodynamic Function in Experimental and Clinical Sepsis. (Doctoral dissertation). Defended September 2020 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 31 31 Oberholzer, L. Determination and regulation of hemoglobin mass in humans (PhD thesis). Defended August 2020 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

2021

- 32 32 Johansen, MY. An intensive lifestyle intervention in participants with type 2 diabetes - Effects on glycemic control and remission of disease (PhD thesis). Defended January 2021 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 33 33 Pilmark, NS. The interaction between metformin and exercise (PhD thesis). Defended April 2021 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 34 34 Schauer, T. Systemic inflammation and immune function in patients with cancer - Role of exercise-induced modifications during anti-cancer therapy (PhD thesis). Defended May 2021 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 35 35 Severinsen, M. Defining human brown and white adipocytes and identifying a beige depot in adult humans (PhD thesis). Defended August 2021 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).
- 36 36 Simonsen, C. Role of skeletal muscle mass and function in patients undergoing surgery for upper gastrointestinal cancer: Clinical implications, methodological challenges, and exercise-based treatment (PhD thesis). Defended March 2021 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

37 37 Søberg, S. The effect of cold stimulation on human brown fat and the secretion of batokine candidates (PhD thesis). Defended March 2021 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

38 38 Thorsen, IK. Type 2 diabetes and implementation of digital support for physical activity adoption (PhD thesis). Defended June 2021 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

2022

39 39 Pitzner-Fabricius, A. Aerobic exercise as a treatment of asthma (PhD thesis). Defended March 2022 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

40 40 Hansen, EH. Asthma in menopause – The influence of aerobic training and hormone replacement therapy (PhD thesis). Defended January 2022 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

41 41 Djurhuus, SS. The Effect of Exercise Training on Tumor Biology in Humans - Exploration of Exercise-Induced Tumor NK Cell Infiltration and Alleviation of Tumor Hypoxia as Anti-Cancer Mechanisms in Men with Prostate Cancer (PhD thesis). Defended April 2022 at Faculty of Health and Medical Sciences, University of Copenhagen (PR).

Original articles

PMID

2013

42	1	Bach E, Nielsen RR, Vendelbo MH, Møller AB, Jessen N, Buhl M, K-Hafstrøm T, Holm L, Pedersen SB, Pilegaard H, Biensø RS, Jørgensen JO, Møller N. Direct Effects of TNF- α on Local Fuel Metabolism and Cytokine Levels in the Placebo-Controlled, Bilaterally Infused Human Leg: Increased Insulin Sensitivity, Increased Net Protein Breakdown, and Increased IL-6 Release. <i>Diabetes</i> 2013; 62(12):4023-9. (PR)	23835341
43	2	Berg RMG, Plovsing RR, Evans KA, Christiansen CB, Bailey DM, Holstein-Rathlou NH, Møller K. Lipopolysaccharide infusion enhances dynamic cerebral autoregulation without affecting cerebral oxygen vasoreactivity in healthy volunteers. <i>Crit Care</i> 2013; 17(5):R238. (PR)	24131656
44	3	Berg RMG, Toksvang LN, Jabbari R. Using an essay competition as an alternative tool for enhancing the "learning from learners" teaching approach. <i>Adv Physiol Educ</i> 2013; 37(3):264-5. (PR)	24022773
45	4	Brandauer J, Vienberg SG, Andersen MA, Ringholm S, Risis S, Larsen PS, Kristensen JM, Frøsig C, Leick L, Fentz J, Jørgensen SB, Kiens B, Wojtaszewski JF, Richter EA, Zierath JR, Goodyear LJ, Pilegaard H, Treebak JT. AMP-activated protein kinase regulates nicotinamide phosphoribosyl transferase expression in skeletal muscle. <i>J Physiol</i> 2013; 591: 5207-5220. (PR)	23918774
46	5	Bunprajun T, Henriksen TI, Scheele C, Pedersen BK, Green CJ. Lifelong Physical Activity Prevents Aging-Associated Insulin Resistance in Human Skeletal Muscle Myotubes via Increased Glucose Transporter Expression. <i>PLoS One</i> . 2013 Jun 21;8(6):e66628. (PR) (OA)	23805253
47	6	Dyar KA, Ciciliot S, Wright LE, Biensø RS, Tagliazucchi GM, Patel VR, Forcato M, Paz MI, Gudiksen A, Solagna F, Albiero M, Moretti I, Eckel-Mahan KL, Baldi P, Sassone-Corsi P, Rizzuto R, Bicciano S, Pilegaard H, Blaauw B, Schiaffino S. Muscle insulin sensitivity and glucose metabolism are controlled by the intrinsic muscle clock. <i>Mol Metab</i> 2013; 3(1):29-41. (PR)	24567902
48	7	Gliemann L, Schmidt JF, Olesen J, Biensø RS, Peronard SL, Grandjean SU, Mortensen SP, Nyberg M, Bangsbo J, Pilegaard H, Hellsten Y. Resveratrol Blunts the Positive Effects of Exercise Training on Cardiovascular Health in Aged Men. <i>J Physiol</i> 2013; 591(Pt 20):5047-59. (PR)	23878368
49	8	Green CJ, Bunprajun T, Pedersen BK, Scheele C. Physical Activity is Associated with Retained Muscle Metabolism in Human Myotubes Challenged with Palmitate. <i>J Physiol</i> 2013; 591(Pt 18):4621-35. (PR)	23774280
50	9	Hansen J, Rinnov A, Krogh-Madsen R, Fischer CP, Andreasen AS, Berg RM, Møller K, Pedersen BK, Plomgaard P. Plasma follistatin is elevated in patients with type 2 diabetes: relationship to hyperglycemia, hyperinsulinemia, and systemic low-grade inflammation. <i>Diabetes Metab Res Rev</i> 2013; 29(6):463-72. (PR)	23564759
51	10	Hartling HJ, Gaardbo JC, Ronit A, Salem M, Laye M, Clausen MR, Skogstrand K, Gerstoft J, Ullum H, Nielsen SD. Impaired thymic output in patients with chronic hepatitis C virus infection. <i>Scand J Immunol</i> 2013; 78(4):378-86. (PR)	23841696
52	11	Hoier B, Prats C, Qvortrup K, Pilegaard H, Bangsbo J, and Hellsten Y. Subcellular localization and mechanism of secretion of vascular endothelial growth factor in human skeletal muscle. <i>FASEB J</i> 2013; 27(9): 3496-3504. (PR)	23709615
53	12	Jespersen NZ, Larsen TJ, Peijs L, Daugaard S, Homøe P, Loft A, de Jong J, Mathur N, Cannon B, Nedergaard J, Pedersen BK, Møller K, Scheele C. A classical brown adipose tissue mRNA signature partly overlaps with brite in the supraclavicular region of adult humans. <i>Cell Metab</i> . 2013 May 7;17(5):798-805 (PR)	23663743
54	13	Karstoft K, Solomon TPJ, Laye MJ, Pedersen BK. Daily Marathon Running for a Week - the Biochemical and Body Compositional Effects of Participation. <i>J Strength Cond Res</i> 2013; 27(11):2927-33. (PR)	23442274
55	14	Karstoft K, Winding K, Knudsen SH, Nielsen JS, Thomsen C, Pedersen BK, Solomon TP. The effects of free-living interval-walking training on glycemic control, body composition, and physical fitness in type 2 diabetic patients: a randomized, controlled trial. <i>Diabetes Care</i> . 2013 Feb;36(2):228-36. (PR)	23002086
56	15	Knudsen SH, Karstoft K, Solomon TP. Impaired postprandial fullness in type 2 diabetic subjects is rescued by acute exercise independently of total and acylated ghrelin. <i>J Appl Physiol</i> 2013; 115(5):618-25. (PR)	23788577

57	16	Lindegaard B, Matthews VB, Brandt C, Hojman P, Allen TL, Estevez E, Watt MJ, Bruce CR, Mortensen O, Syberg S, Rudnicka C, Abildgaard J, Pilegaard H, Hidalgo J, Ditlevsen S, Alsted TJ, Madsen AN, Pedersen BK, Febbraio MA. Interleukin-18 activates skeletal muscle AMPK and reduces weight gain and insulin resistance in mice. <i>Diabetes</i> 2013; 62(9):3064-74. (PR)	23670974
58	17	Lindegaard B, Ditlevsen S, Plomgaard P, Mittendorfer B, Pedersen BK. Acute reduction of lipolysis reduces adiponectin and IL-18: evidence from an intervention study with acipimox and insulin. <i>Diabetologia</i> 2013; 56(9):2034-43. (PR)	23811808
59	18	Malin SK, Haus JM, Solomon TP, Blaszcak A, Kashyap SR, Kirwan JP. Insulin sensitivity and metabolic flexibility following exercise training among different obese insulin-resistant phenotypes. <i>Am J Physiol Endocrinol Metab</i> 2013; 305(10):E1292-8. (PR)	24064339
60	19	Malin SK, Solomon TP, Blaszcak A, Finnegan S, Fillion J, Kirwan JP. Pancreatic β -cell function increases in a linear dose-response manner following exercise training in adults with prediabetes. <i>Am J Physiol Endocrinol Metab</i> 2013; 305(10):E1248-54. (PR)	24045867
61	20	Nielsen ST, Lehrskov-Schmidt L, Krogh-Madsen R, Solomon TPJ, Lehrskov-Schmidt L, Holst JJ, Møller K. Tumour necrosis factor- α infusion produced insulin resistance but no change in the incretin effect in healthy volunteers. <i>Diabetes Metab Res Rev</i> 2013; 29: 655-663. (PR)	23904405
62	21	Olesen J, Ringholm S, Nielsen MM, Brandt CT, Pedersen JT, Halling JF, Goodyear LJ, Pilegaard H. Role of PGC-1 α in exercise training- and resveratrol-induced prevention of age-associated inflammation. <i>Exp Gerontol</i> 2013; 48(11):1274-1284. (PR)	23916840
63	22	Ostrowski SR, Berg RMG, Windeløv NA, Meyer MA, Plovsing RR, Møller K, Johansson PI. Coagulopathy, catecholamines, and biomarkers of endothelial damage in experimental human endotoxemia and in patients with severe sepsis: a prospective study. <i>J Crit Care</i> 2013; 28(5):586-96. (PR)	23731819
64	23	Ringholm S, Olesen J, Pedersen JT, Brandt CT, Halling JF, Hellsten Y, Prats C, Pilegaard H. Effect of lifelong resveratrol supplementation and exercise training on skeletal muscle oxidative capacity in aging mice; impact of PGC-1 α . <i>Exp Gerontol</i> 2013; 48(11):1311-1318. (PR)	23994519
65	24	Solomon TP, Malin SK, Karstoft K, Haus JM, Kirwan JP. The influence of hyperglycemia on the therapeutic effect of exercise on glycemic control in patients with type 2 diabetes mellitus. <i>JAMA Intern Med</i> 2013; 173(19):1834-6. (PR)	23817567
66	25	Solomon TP, Malin SK, Karstoft K, Kashyap SR, Haus JM, Kirwan JP. Pancreatic β -cell function is a stronger predictor of changes in glycemic control after an aerobic exercise intervention than insulin sensitivity. <i>J Clin Endocrinol Metab</i> 2013; 98(10):4176-86. (PR)	23966244

2014

67	26	Abildgaard J, Henstridge DC, Pedersen AT, Langley KG, Scheele C, Pedersen BK, Lindegaard B. In vitro palmitate treatment of myotubes from postmenopausal women leads to ceramide accumulation, inflammation and affected insulin signaling. <i>PLoS One</i> 2014; 9(7):e101555. (PR)	25000528
68	27	Akerstrom T, Laub L, Vedel K, Brand CL, Pedersen BK, Kaufmann Lindqvist A, Wojtaszewski JF, Hellsten Y. Increased skeletal muscle capillarization enhances insulin sensitivity. <i>Am J Physiol Endocrinol Metab</i> 2014; 307(12):E1105-16. (PR)	25352432
69	28	Bailey DM, Lundby C, Berg RM, Taudorf S, Rahmouni H, Gutowski M, Mulholland CW, Sullivan JL, Swenson ER, McEneny J, Young IS, Pedersen BK, Møller K, Pietri S, Culcasi M. On the antioxidant properties of erythropoietin and its association with the oxidative-nitrosative stress response to hypoxia in humans. <i>Acta Physiol (Oxf)</i> 2014; 212(2):175-87. (PR)	24811856
70	29	Biensø RS, Knudsen JG, Brandt N, Pedersen PA, Pilegaard H. Effects of IL-6 on pyruvate dehydrogenase regulation in mouse skeletal muscle. <i>Pflugers Arch</i> 2014; 466(8):1647-57. (PR)	24221357
71	30	Brandt C, Pedersen M, Rinnov A, Andreasen AS, Møller K, Hojman P, Pedersen BK, Plomgaard P. Obesity and low-grade inflammation increase plasma follistatin-like 3 in humans. <i>Mediators Inflamm</i> 2014; 2364209. (PR)	25104880
72	31	Casla S, Hojman P, Cubedo R, Calvo I, Sampedro J, Barakat R. Integrative Exercise and Lifestyle Intervention Increases Leisure-Time Activity in Breast Cancer Patients. <i>Integr Cancer Ther</i> 2014; 13(6):493-501. (PR)	24997174
73	32	Chow SZ, Speck M, Yoganathan P, Nackiewicz D, Hansen AM, Ladefoged M, Rabe B, Rose-John S, Voshol PJ, Lynn FC, Herrera PL, Müller W, Ellingsgaard H, Ehses JA. Glycoprotein 130 receptor signaling mediates α -cell dysfunction in a rodent model of type 2 diabetes. <i>Diabetes</i> 2014; 63(9):2984-95. (PR)	24812426
74	33	Christensen JF, Jones LW, Tolver A, Jørgensen LW, Andersen JL, Adamsen L, Højman P, Nielsen RH, Rørth M, Dagaard G. Safety and efficacy of resistance training in germ cell cancer patients undergoing chemotherapy: a randomized controlled trial. <i>Br J Cancer</i> 2014; 111(1):8-16. (PR)	24867693
75	34	Christensen JF, Tolver A, Andersen JL, Rørth M, Dagaard G, Hojman P. Resistance training does not protect against increases in plasma cytokine levels among germ cell cancer patients during and after chemotherapy. <i>J Clin Endocrinol Metab</i> 2014; 99(8):2967-76. (PR)	25050898
76	35	Feng L, Svarer C, Thomsen G, de Nijs R, Larsen VA, Jensen P, Adamsen D, Dyssegaard A, Fischer W, Meden P, Krieger D, Møller K, Knudsen GM, Pinborg LH. In vivo quantification of cerebral translocator protein binding in humans using 6-chloro-2-(4'-123I-iodophenyl)-3-(N,N-diethyl)-imidazo[1,2-a]pyridine-3-acetamide SPECT. <i>J Nucl Med</i> 2014; 55(12):1966-72. (PR)	25453044

77	36	Frandsen SK, Gissel H, Hojman P, Eriksen J, Gehl J. Calcium electroporation in three cell lines: a comparison of bleomycin and calcium, calcium compounds, and pulsing conditions. <i>Biochim Biophys Acta</i> . 2014 Mar;1840(3):1204-8. (PR)	24342489
78	37	Gnad T, Scheibler S, von Kügelgen I, Scheele C, Kilić A, Glöde A, Hoffmann LS, Reverte-Salisa L, Horn P, Mutlu S, El-Tayeb A, Kranz M, Deuther-Conrad W, Brust P, Lidell ME, Betz MJ, Enerbäck S, Schrader J, Yegutkin GG, Müller CE, Pfeifer A. Adenosine activates brown adipose tissue and recruits beige adipocytes via A2A receptors. <i>Nature</i> 2014; 516(7531):395-9. (PR)	25317558
79	38	Guerra B, Ponce-González JG, Morales-Alamo D, Guadalupe-Grau A, Kiilerich K, Fuentes T, Ringholm S, Biensø RS, Santana A, Lundby C, Pilegaard H, Calbet JA. Leptin signaling in skeletal muscle after bed rest in healthy humans. <i>Eur J Appl Physiol</i> 2014; 114(2):345-57. (PR)	24292882
80	39	Harder-Lauridsen NM, Birk NM, Ried-Larsen M, Juul A, Andersen LB, Pedersen BK, Krogh-Madsen R. A randomized controlled trial on a multicomponent intervention for overweight school-aged children - Copenhagen, Denmark. <i>BMC Pediatr</i> 2014; 14(1):273. (PR)	25330848
81	40	Harder-Lauridsen NM, Krogh-Madsen R, Holst JJ, Plomgaard P, Leick L, Pedersen BK, Fischer CP. Effect of IL-6 on the insulin sensitivity in patients with type 2 diabetes. <i>Am J Physiol Endocrinol Metab</i> 2014; 306(7):E769-78. (PR)	24473436
82	41	Hojman P, Fjelbye J, Zerahn B, Christensen JF, Dethlefsen C, Lonkvist CK, Brandt C, Gissel H, Pedersen BK, Gehl J. Voluntary Exercise Prevents Cisplatin-Induced Muscle Wasting during Chemotherapy in Mice. <i>PLoS One</i> 2014; 9(9):e109030. (PR)	25268807
83	42	Ibfeldt T, Fischer CP, Plomgaard P, van Hall G, Pedersen BK. The acute effects of low-dose TNF- α on glucose metabolism and β -cell function in humans. <i>Mediators Inflamm</i> 2014; 295478. (PR)	24692847
84	43	Jordy AB, Serup AK, Karstoft K, Pilegaard H, Kiens B, Jeppesen J. Insulin Sensitivity is Independent of Lipid Binding Protein Trafficking at the Plasma Membrane in Human Skeletal Muscle: Effect of a 3-day, High-fat Diet. <i>Am J Physiol Regul Integr Comp Physiol</i> 2014; 307(9):R1136-45. (PR)	25163924
85	44	Karstoft K, Christensen CS, Pedersen BK, Solomon TP. The acute effects of interval- vs. continuous-walking exercise on glycemic control in subjects with type 2 diabetes: a cross-over, controlled study. <i>J Clin Endocrinol Metab</i> 2014; 99(9):3334-42. (PR)	24905068
86	45	Karstoft K, Winding K, Knudsen SH, James NG, Scheel MM, Olesen J, Holst JJ, Pedersen BK, Solomon TP. Mechanisms behind the superior effects of interval vs continuous training on glycaemic control in individuals with type 2 diabetes: a randomised controlled trial. <i>Diabetologia</i> 2014; 57(10):2081-93. (PR)	25099941
87	46	Knudsen SH, Karstoft K, Pedersen BK, van Hall G, Solomon TP. The immediate effects of a single bout of aerobic exercise on oral glucose tolerance across the glucose tolerance continuum. <i>Physiol Rep</i> 2014; 2(8). pii: e12114. (PR)	25168869
88	47	Knudsen SH, Karstoft K, Solomon TP. Hyperglycemia abolishes meal-induced satiety by a dysregulation of ghrelin and peptide YY3-36 in healthy overweight/obese humans. <i>Am J Physiol Endocrinol Metab</i> 2014; 306(2):E225-31. (PR)	24302008
89	48	Knudsen JG, Murholm M, Carey AL, Biensø RS, Basse AL, Allen TL, Hidalgo J, Kingwell BA, Febbraio MA, Hansen JB, Pilegaard H. Role of IL-6 in exercise training- and cold-induced UCP1 expression in subcutaneous white adipose tissue. <i>PLoS One</i> 2014; 9(1):e84910. (PR)	24416310
90	49	Krogh-Madsen R, Pedersen M, Solomon TP, Knudsen SH, Hansen LS, Karstoft K, Lehrskov-Schmidt L, Pedersen KK, Thomsen C, Holst JJ, Pedersen BK. Normal physical activity obliterates the deleterious effects of a high-caloric intake. <i>J Appl Physiol (1985)</i> 2014; 116(3):231-9. (PR)	24201706
91	50	Munch GD, Svendsen JH, Damsgaard R, Secher NH, González-Alonso J, Mortensen SP. Maximal heart rate does not limit cardiovascular capacity in healthy humans: insight from right atrial pacing during maximal exercise. <i>J Physiol</i> 2014; 592(Pt 2):377-90. (PR)	24190933
92	51	Munkholm K, Pedersen BK, Kessing LV, Vinberg M. Elevated levels of plasma brain derived neurotrophic factor in rapid cycling bipolar disorder patients. <i>Psychoneuroendocrinology</i> 2014; 47:199-211. (PR)	25001969
93	52	Munkholm K, Peijs L, Kessing LV, Vinberg M. Reduced mRNA Expression of PTGDS in Peripheral Blood Mononuclear Cells of Rapid-Cycling Bipolar Disorder Patients Compared with Healthy Control Subjects. <i>Int J Neuropsychopharmacol</i> 2014; 18(5). (PR)	25522430
94	53	Møller JB, Dalla Man C, Overgaard RV, Ingwersen SH, Tornøe CW, Pedersen M, Tanaka H, Ohsugi M, Ueki K, Lyng J, Vasconcelos NM, Pedersen BK, Kadowaki T, Cobelli C. Ethnic Differences in Insulin sensitivity, Beta-cell Function, and Hepatic Extraction between Japanese and Caucasians: A Minimal Model Analysis. <i>J Clin Endocrinol Metab</i> 2014; 99(11):4273-80. (PR)	25119313
95	54	Møller JB, Pedersen M, Tanaka H, Ohsugi M, Overgaard RV, Lyng J, Almind K, Vasconcelos NM, Poulsen P, Keller C, Ueki K, Ingwersen SH, Pedersen BK, Kadowaki T. Body composition is the main determinant for the difference in type 2 diabetes pathophysiology between Japanese and Caucasians. <i>Diabetes Care</i> 2014; 37(3):796-804. (PR)	24130359
96	55	Mørkeberg JI, Sharpe K, Karstoft K, Ashenden MJ. Detection of microdoses of rhEPO with the MAIIA test. <i>Scand J Med Sci Sports</i> 2014; 24(4):634-41. (PR)	23347069
97	56	Nellemann B, Vendelbo MH, Nielsen TS, Bak AM, Høgild M, Pedersen SB, Biensø RS, Pilegaard H, Møller N, Jessen N, Jørgensen JO. Growth hormone-induced insulin resistance in human subjects involves reduced pyruvate dehydrogenase activity. <i>Acta Physiol (Oxf)</i> 2014; 210(2):392-402. (PR)	24148194

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