

List of publications 2012-2017 for all senior and junior authors in the UNCE project “Energy metabolism, shared aspects of metabolic and cancer diseases”

Name	Page
doc. MUDr. Jan Polák, Ph.D.	2
prof. MUDr. Michal Anděl, CSc.	4
doc. MUDr. Pavel Dlouhý, Ph.D.	7
RNDr. Petr Heneberg, Ph.D.	8
prof. RNDr. Jan Kovář, DrSc.	14
Mgr. Lenka Rossmeislová, Ph.D.	16
doc. MUDr. Jan Trnka, Ph.D.	18
doc. RNDr. Ing. Petr Tůma, Ph.D.	20
RNDr. Kamila Balušíková, Ph.D.	23
Moustafa GamalEldin Mahmoud Elkalaf, M.B.B.Ch., Ph.D.	24
MUDr. Jan Gojda, Ph.D.	25
RNDr. Jana Kračmerová, Ph.D.	26
MUDr. Adéla Krajčová	28
MUDr. Eva Krauzová	29
RNDr. Vlasta Němcová, Ph.D.	30
Mgr. Nela Pavlíková, Ph.D.	32
RNDr. Jan Šrámek	33
Mgr. Veronika Šrámková	34

doc. MUDr. JAN POLÁK, Ph.D.

Chapters in books and reviews

1. Briançon-Marjollet A, Weiszenstein M, Henri M, Thomas A, Godin-Ribuot D, Polak J. The impact of sleep disorders on glucose metabolism: endocrine and molecular mechanisms. *Diabetol Metab Syndr*. 2015, 24;7:25. Doi: 10.1186/s13098-015-0018-3
2. Polak, J; Beamer, BA; Punjabi, NM: Chapter 14: Obstructive sleep apnea and glucose metabolism In *Sleep Apnea: Pathogenesis, Diagnosis and Treatment, Second Edition* New York: Informa Healthcare 2012. S. 300-317. ISBN: 0849396972
3. Akhouri, R; Polak, J; Punjabi NM: Impaired Glucose Metabolism in Obstructive Sleep Apnea. In *Encyclopedia of Sleep*, Elsevier, Oxford, 2013 ISBN: 9780123786104
4. Mesarwi O, Polak J, Jun J, Polotsky VY. Sleep disorders and the development of insulin resistance and obesity. *Endocrinol Metab Clin North Am*. 2013, 42(3):617-34. Doi: 10.1016/j.ecl.2013.05.001

Original papers

1. Koppo, K; Siklová-Vitková, M; Klimčáková, E; Polák, J; Marques, MA; Berlan, M; Van de Voorde, J; Bulow, J; Langin, D; de, Glisezinski I; Stich, V: Catecholamine and insulin control of lipolysis in subcutaneous adipose tissue during long-term diet-induced weight loss in obese women. *Am J Physiol Endocrinol Metab*, 2012. 302(2): E226-32. Doi: 10.1152/ajpendo.00240.2011
2. Vitkova M, Klimcakova E, Polak J, Kovacova Z, Tencerova M, Rossmeislova L, Bajzova M, Langin D, Stich V. Adipose tissue secretion and expression of adipocyte-produced and stromavascular fraction-produced adipokines vary during multiple phases of weight-reducing dietary intervention in obese women. *J Clin Endocrinol Metab*. 2012, 97(7): E1176-81. Doi: 10.1210/jc.2011-2380
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5. Kračmerová J, Rossmeislová L, Kováčová Z, Klimčáková E, Polák J, Tencerová M, Mališová L, Stich V, Langin D, Siklová M. Soluble CD163 Is Associated With CD163 mRNA Expression in Adipose Tissue and With Insulin Sensitivity in Steady-State Condition but Not in Response to Calorie Restriction. *J Clin Endocrinol Metab*. 2014, 99(3):E528-35. Doi: 10.1210/jc.2013-3348.
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7. Pavlikova N, Weiszenstein M, Pala J, Halada P, Seda O, Elkalaf M, Trnka J, Kovar J, Polak J. The Effect of Cultureware Surfaces on Functional and Structural Components of Differentiated 3T3-L1 Preadipocytes. *Cell Mol Biol Lett*. 2015, 20(5):919-36. Doi: 10.1515/cmble-2015-0054. Doi: 10.1515/cmble-2015-0054

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prof. MUDr. MICHAL ANDĚL, CSc.

1. Brunnerová, Ludmila; Potočková, Jana; Horáček, Jiří; kopřivová, Helena; Řehula, Milan; anděl, Michal. Sublingual apomorphine as a neuroendocrine probe. *Psychiatry Research*. 2012, 198(2), 297-299. Doi: 10.1016/j.psychres.2011.09.022.
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16. Heneberg, Petr; Malá, Milena; Yorifuji, Tohru; Gat-Yyablonski, Galia; Lebenthal, Yael; Fajima, Toshihiro; Nogaroto, Viviane; Rypáčková, Blanka; Kocková, Lucie; Urbanová, Jana; Anděl, Michal. Low Frequencies of Autoimmunity-Associated PTPN22 Polymorphisms in MODY Patients, Including Those Transiently Expressing Islet Cell Autoantibodies. *International Archives of Allergy and Immunology*. 2015, 166(3), 189-198. Doi: 10.1159/000380853.
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doc. MUDr. PAVEL DLOUHÝ, Ph.D.

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2. Rambousková, J., Slavíková, M., Krsková, A., Procházka, B., Anděl, M., Dlouhý, P.: Nutritional Status Assessment of Institutionalized Elderly in Prague, Czech Republic. *Annals of Nutrition & Metabolism*. 2013, vol. 62, p. 199-204 Doi: 10.1159/000346038
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RNDr. PETR HENEBERG, Ph.D.

Chapters in books:

Heneberg, P. Protein phosphatases in the Parkinson's disease. in: Gil, Carmen & Martinez, Ana (Eds.): *Emerging Drugs and Targets for Parkinson's disease*; pp.149-171. Royal Society of Chemistry, Cambridge, United Kingdom. ISBN 978-1-84973-617-6; Doi: 10.1039/9781849737357-00149

Original papers:

1. Heneberg, P. Finding the Smoking Gun: Protein Tyrosine Phosphatases as Tools and Targets of Unicellular Microorganisms and Viruses. *Current Medicinal Chemistry*, 2012, 19 (10): 1530-1566. Doi: 10.2174/092986712799828274
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6. Urbanová, J.; Rypáčková, B.; Kučera, P.; Anděl, M.; Heneberg, P. Should the negativity for islet cell autoantibodies be used in a prescreening for genetic testing in MODY? The case of autoimmunity-associated destruction of pancreatic β -cells in a family of HNF1A–MODY subjects. *International Archives of Allergy and Immunology*, 2013, 161 (3): 279-284. Doi: 10.1159/000346906.
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11. Heneberg, P.; Literák, I. Molecular phylogenetic characterization of *Collyriclum faba* with reference to its three host-specific ecotypes. *Parasitology International*, 2013, 62 (3): 262-267. Doi: 10.1016/j.parint.2013.01.002
12. Heneberg, P. Phylogenetic data suggest reclassification of *Fasciola jacksoni* (Digenea: Fasciolidae) as *Fascioloides jacksoni* comb. nov. *Parasitology Research*, 2013, 112 (4): 1679-1689. Doi: 10.1007/s00436-013-3326-2
13. Heneberg, P. Effects of print publication lag in dual format journals on scientometric indicators. *PLOS ONE*, 2013, 8 (4): e59877. Doi: 10.1371/journal.pone.0059877
14. Literák, I.; Heneberg, P.; Sitko, J.; Wetzel, E. J.; Cardenas Callirgos, J. M.; Čapek, M.; Valle Basto, D.; Papoušek, I. (2013): Eye trematode infection in small passerines in Peru caused by *Philophthalmus lucipetus*, an agent with a zoonotic potential spread by an invasive freshwater snail. *Parasitology International*, 2013, 62 (4): 390-396. Doi: 10.1016/j.parint.2013.04.001
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18. Heneberg, P. Parallel worlds of citable documents and others: Inflated commissioned opinion articles enhance scientometric indicators. *Journal of the Association for Information Science and Technology*, 2014, 65 (3): 635-64. Doi: 10.1002/asi.22997
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24. Heneberg, P.; Rojas, A.; Bizoš, J.; Kocková, L.; Malá, M.; Rojas, D. Focal *Philophthalmus gralli* infection possibly persists in *Melanoides tuberculata* over two years following the

- definitive hosts' removal. *Parasitology International*, 2014, 63 (6): 802-807. Doi: 10.1016/j.parint.2014.07.012
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