

## Cena děkana za významnou publikační činnost r. 2007

U každé publikace je uveden impakt faktor a dále jeho postavení mezi časopisy příslušného oboru (pořadí/počet časopisů na obor). IF a pořadí je stanoveno dle Web of Science.

1. **Brennan, Paul, Janout V aj.** Uncommon CHEK2 mis-sense variant and reduced risk of tobacco-related cancers: case control study. *Human Molecular Genetics (print)* , 2007 .**IF 7,806 21/263 biochemistry and molecular biology; 12/132 genetics and heredity**
2. **Carel, Rafael, Janout V aj.** Occupational exposure to asbestos and man-made vitreous fibres and risk of lung cancer: a multicentre case-control study in Europe. *Occupational and Environmental Medicine* , 2007 . **IF 2,817 21/100 public, environmental and occupational health**
3. **Cassidy, Adrian, Janout V aj.** Occupational exposure to crystalline silica and risk of lung cancer: a multicenter case-control study in Europe. *Epidemiology* , 2007 . **IF 5,283 5/100 public, environmental and occupational health**
4. **Cvek, Boris a Dvořák, Zdeněk.** Targeting of nuclear factor-kappaB and proteasome by dithiocarbamate complexes with metals. *Current Pharmaceutical Design* , 2007 . **IF 4,868 19/205 pharmacology and pharmacy**
5. **Červený, L, Anzenbacherová E, Vrzal R, Dvořák Z, Ulrichová J, Anzenbacher P aj.** Valproic Acid Induces CYP3A4 and MDR1 Gene Expression by Activation of Constitutive Androstane Receptor and Pregnane X Receptor Pathways. *Drug Metabolism and Disposition* , 2007 . **IF 3,907 34/205 pharmacology and pharmacy**
6. **Dvořák, Zdeněk a Šimánek, Vilím.** Metabolism of sanguinarine: the facts and the myths. *Current Drug Metabolism* , 2007 .**IF 4,490 55/263 biochemistry and molecular biology; 25/205 pharmacology and pharmacy**
7. **Fiala, Richard, Vidlář A, Vrtal R, Belej K, Študent V.** Porcine small intestinal submucosa (SIS) graft for repair of anterior urethral strictures.. *European Urology* , 2007 . **IF 5,634 3/55 urology**
8. **Gažák, Radek, Walterová, Daniela a Křen, Vladimír.** Silybin and silymarin--new and emerging applications in medicine. *Current Medicinal Chemistry* , 2007 . **IF 4,944 49/263 biochemistry and molecular biology; 17/205 pharmacology and pharmacy; 3/41 chemistry medicinal**
9. **Gemignani, Federica, Janout V aj.** Development of lung cancer before the age of 50: the role of xenobiotic. *Carcinogenesis* , 2007 . **IF 5,406 19/132 oncology**

10. **Hall, Janet, Janout V aj.** The association of sequence variants in DNA repair and cell cycle genes with cancers of the upper aerodigestive tract. *Carcinogenesis* , 2007 . **IF 5,406 19/132 oncology**
11. **Hashibe, Mia, Janout V aj.** Esophageal cancer in Central and Eastern Europe: tobacco and alcohol.. *International Journal of Cancer (print)* , 2007 . **IF 4,555 30/132 oncology**
12. **Horník, P, Vyskočilová P, Friedecký D, Janošťáková A, Adamová, Adam T.** Analysis of aminoimidazole ribosides by capillary electrophoresis-diagnosing defects in second part of purine biosynthetic pathway.. *Clinica Chimica Acta* , 2007 .**IF 2,601 4/26 medical laboratory technology**
13. **Hsu C, Charles, Janout V, Kollarova H aj.** Dietary risk factors for kidney cancer in Eastern and Central Europe. *American Journal of Epidemiology (print)* , 2007 . **IF 5,285 4/100 public, environmental and occupational health**
14. **Hung, Rayjean J., Janout V** Inherited predisposition of lung cancer: a hierarchical modeling approach to DNA repair and cell cycle control pathways. *Cancer Epidemiology, Biomarkers & Prevention (print)* , 2007 . **IF 4,642 8/100 public, environmental and occupational health; 26/132 oncology**
15. **Hung, Rayjean J., Janout V aj.** Folate related genes and the risk of tobacco-related cancers in Central Europe. *Carcinogenesis* , 2007 . **IF 5,406 19/132 oncology**
16. **Hung, Rayjean J, Janout V, Kollarova H aj.** Family history and the risk of kidney cancer: a multicenter case-control study in Central Europe. *Cancer Epidemiology, Biomarkers & Prevention (print)* , 2007 . **IF 4,642 8/100 public, environmental and occupational health; 26/132 oncology**
17. **Inoue, S, Herzig R. aj.** Combination of linkage and association studies for brain arteriovenous malformation. *Stroke* , 2007 . **IF 6,296 4/146 clinical neurology; 5/54 peripheral vascular disease**
18. **Jančová, Petra, Anzenbacherová E, Lužná P., Veinlichová A, Anzenbacher P, Šimánek V. aj.** Silybin is metabolized by cytochrome P450 2C8 in vitro. *Drug Metabolism and Disposition* , 2007 . **IF 3,907 34/205 pharmacology and pharmacy**
19. **Jirovský, David, Kosina P, Ulrichová J, Šimánek V aj.** HPLC analysis of rosmarinic acid in feed enriched with aerial parts of *Prunella vulgaris* and its metabolites in pig plasma using dual-channel coulometric detection. *Journal of Agricultural and Food Chemistry* , 2007 .**IF 2,532 1/35 agriculture multidisciplinary; 8/62 chemistry applied; 7/103 food science and technology**
20. **Kamínek, Milan, Lang, Otto a Henzlová, Milena.** Activity of nuclear cardiology in the Czech Republic. *European Journal of Nuclear Medicine and Molecular Imaging* , 2007 . **IF 4,101 8/87 radiology, nuclear medicine and medical imaging**
21. **Klejduš, Bořivoj, Kosina P, Ulrichová J, Šimánek V aj.** Liquid chromatographic/electrospray mass spectrometric determination (LC/ESI-MS) of chelerythrine and dihydrochelerythrine in near-critical CO<sub>2</sub> extracts from real and spiked plasma samples. *Talanta* , 2007 . **IF 3,374 8/70 chemistry analytical**

22. **Milton, John, Hlušík P aj.** The mind of expert motor performance is cool and focused. *Neuroimage* , 2007 .**IF 5,457 26/211 neurosciences; 2/13 neuroimaging; 4/87 radiology nuclear medicine and medical imaging**
23. **Mlejnek, Petr, Frydrych, Ivo a Doležel, Petr.** Cyclosporin A potentiates the cytotoxic effects of methyl methanesulphonate in HL-60 and K562 cells. *ATLA - Alternatives to Laboratory Animals* , 2007 . **IF 3,203 3/133 veterinary sciences**
24. **Moore, Lee, Janout V aj.** Glutathione S-transferase polymorphisms, cruciferous vegetable intake, and cancer risk in the Central and Eastern European Kidney Cancer Study. *Carcinogenesis* , 2007 . **IF 5,406 19/132 oncology**
25. **Raška, Milan.** Identification and characterization of CMP-NeuAc:GalNAc-IgA1 alpha2,6-sialyltransferase in IgA1-producing cells. *Journal of molecular biology* , 2007 .**IF 4,472 56/263 biochemistry and molecular biology**
26. **Steigerová, Jana, aj.** Anticancer and antiproliferative activity of natural brassinosteroids. *Phytochemistry* , 2007 . **IF 2,322 30/152 plant sciences**
27. **Svobodová, Alena, aj.** Attenuation of UVA-induced damage to human keratinocytes by silymarin. *Journal of Dermatological Science* , 2007 . **IF 2,500 8/41 dermatology**
28. **Svobodová, Alena, aj.** Flavonolignans from *Silybum marianum* moderate UVA-induced oxidative damage to HaCaT keratinocytes. *Journal of Dermatological Science* , 2007 **IF 2,500 8/41 dermatology**
29. **Václavík, Jan, aj.** Free plasma metanephrines as a screening test for pheochromocytoma in low-risk patients. *Journal of Hypertension* , 2007 .**IF 4,364 9/54 peripheral vascular disease**
30. **Valentová, Kateřina, aj.** Biosafety, antioxidant status, and metabolites in urine after consumption of dried cranberry juice in healthy women: a pilot double-blind placebo-controlled trial. *Journal of Agricultural and Food Chemistry* , 2007 . **IF 2,532 1/35 agriculture multidisciplinary; 8/62 chemistry applied; 7/103 food science and technology**
31. **Valentová, Kateřina, aj.** Induction of glucokinase mRNA by dietary phenolic compounds in rat liver cells in vitro. *Journal of Agricultural and Food Chemistry* , 2007 **IF 2,532 1/35 agriculture multidisciplinary; 8/62 chemistry applied; 7/103 food science and technology.**
32. **Valentová, Kateřina, aj.** Cytoprotective effect of a bilberry extract against oxidative damage of rat hepatocytes. *Food Chemistry* , 2007 . **IF 3,052 3/62 chemistry applied; 4/103 food science and technology; 11/56 nutrition and dietetics**

# Cena děkana za nejlepší studentskou vědeckou práci r. 2007

*Teoretická sekce:*

**1. místo: Mgr. Petra Jančová**

práce: Silybin is metabolized by cytochrome P450 2C8 in vitro

školitel: doc. RNDr. Eva Anzenbacherová, CSc.

**1. místo: Mgr. Petra Knížetová**

práce: Vascular endothelial growth factor in astrogloma stem cell biology and response to therapy

školitel: prof. MUDr. Jiří Bártek , PhD.

*Klinická sekce:*

**1. místo MUDr. Martin Šimek**

soubor prací:

- 1) Post-operative and mid-term wound disturbance outcomes of minimally invasive saphenous vein harvest using the VEGA system.
- 2) Postoperative and mid-term outcomes of minimally invasive and endoscopic great saphenous vein harvesting for coronary artery bypass grafting. A prospective analysis.
- 3) Negative pressure therapy as a treatment modality for surgical site infection in cardiac surgery

školitel: Doc. MUDr. Petr Němec, CSc.

**1. místo: Mgr. Helena Urbánková**

práce: Interstitial del(14)(q) involving *IGH*: a novel recurrent aberration in B-NHL.

školitel: Prof. RNDr. Mgr. Marie Jarošová, CSc.