

Cena děkana za významnou publikační činnost 2006

Oceněné práce:

1. **Hlustik P**, Mayer M. Paretic hand in stroke: from motor cortical plasticity research to rehabilitation. Cogn Behav Neurol. 2006 Mar;19(1):34-40. Review.

IF₂₀₀₆ = 2,774 ; 13/43 Behavioral sciences; 34/146 Clinical neurology

2. Bhimani AA, **Hlustik P**, Small SL, Solodkin A. Complex motor function in humans: validating and extending the postulates of Alexandr R. Luria. Cogn Behav Neurol. 2006 Mar;19(1):11-20.

IF₂₀₀₆ = 2,774 ; 13/43 Behavioral sciences; 34/146 Clinical neurology

3. Landi S, Gemignani F, Canzian F, Gaborieau V, Barale R, Landi D, Szeszenia-Dabrowska N, Zaridze D, Lissowska J, Rudnai P, Fabianova E, Mates D, Foretova L, **Janout V**, Bencko V, Gioia-Patricola L, Hall J, Boffetta P, Hung RJ, Brennan P. DNA repair and cell cycle control genes and the risk of young-onset lung cancer. Cancer Res. 2006 Nov 15;66(22):11062-9.

IF₂₀₀₆ = 7,656 ; 10/127 Oncology

4. Zeka A, Mannetje A, Zaridze D, Szeszenia-Dabrowska N, Rudnai P, Lissowska J, Fabianova E, Mates D, Bencko V, Navratilova M, Cassidy A, **Janout V**, Travier N, Fevotte J, Fletcher T, Brennan P, Boffetta P. Lung cancer and occupation in nonsmokers: a multicenter case-control study in Europe. Epidemiology. 2006 Nov;17(6):615-23.

IF₂₀₀₆ = 4,339 ; 8/98 Public, environmental and occupational health

5. Brennan P, Crispo A, Zaridze D, Szeszenia-Dabrowska N, Rudnai P, Lissowska J, Fabianova E, Mates D, Bencko V, Foretova L, **Janout V**, Fletcher T, Boffetta P. High cumulative risk of lung cancer death among smokers and nonsmokers in Central and Eastern Europe. Am J Epidemiol. 2006 Dec 15;164(12):1233-41. Epub 2006 Oct 10.

IF₂₀₀₆ = 5,241 ; 4/98 Public, environmental and occupational health

6. Hung RJ, Boffetta P, Canzian F, Moullan N, Szeszenia-Dabrowska N, Zaridze D, Lissowska J, Rudnai P, Fabianova E, Mates D, Foretova L, **Janout V**, Bencko V, Chabrier A, Landi S, Gemignani F, Hall J, Brennan P. Sequence Variants in Cell Cycle Control Pathway, X-ray Exposure, and Lung Cancer Risk: A Multicenter Case-Control Study in Central Europe. Cancer Res. 2006 Aug 15;66(16):8280-6.

IF₂₀₀₆ = 7,656 ; 10/127 Oncology

7. Hashibe M, Boffetta P, Zaridze D, Shangina O, Szeszenia-Dabrowska N, Mates D, **Janout V**, Fabianova E, Bencko V, Moullan N, Chabrier A, Hung R, Hall J, Canzian F, Brennan P. Evidence for an important role of alcohol- and aldehyde-metabolizing genes in cancers of the upper aerodigestive tract. *Cancer Epidemiol Biomarkers Prev.* 2006 Apr;15(4):696-703.

IF₂₀₀₆ = 4,289 ; 36/127 Oncology; 9/98 Public, environmental and occupational health

8. Cmejlova J, Dolezalova L, **Pospisilova D**, Petrtlyova K, Petrak J, Cmejla R. Translational efficiency in patients with Diamond-Blackfan anemia. *Haematologica.* 2006 Nov;91(11):1456-64.

IF₂₀₀₆ = 5,032 ; 10/61 Hematology

9. **Dvorak Z**, Vrzal R, Ulrichova J, Pascussi JM, Maurel P, Modriansky M. Involvement of cytoskeleton in AhR-dependent CYP1A1 expression. *Curr Drug Metab.* 2006 Apr;7(3):301-13.

IF₂₀₀₆ = 5,762 ; 40/262 Biochemistry and molecular biology; 13/199 Pharmacology & pharmacy

10. **Dvorak Z**, Zdarilova A, Sperlikova L, Anzenbacherova E, Simanek V, Ulrichova J. Cytotoxicity of sanguinarine in primary rat hepatocytes is attenuated by dioxin and phenobarbital. *Toxicol Lett.* 2006 Sep 10;165(3):282-8. Epub 2006 May 12.

IF₂₀₀₆ = 2,784 ; 13/76 Toxicology

11. Krystof V, Cankar P, Frysova I, Slouka J, Kontopidis G, **Dzubak P**, Hajduch M, Srovnal J, de Azevedo WF Jr, Orsag M, Paprskarova M, Rolcik J, Latr A, Fischer PM, Strnad M. 4-arylazo-3,5-diamino-1H-pyrazole CDK inhibitors: SAR study, crystal structure in complex with CDK2, selectivity, and cellular effects. *J Med Chem.* 2006 Nov 2;49(22):6500-9.

IF₂₀₀₆ = 5,115 ; 4/35 Chemistry, medicinal

12. Veprek P, **Hajduch M**, Dzubak P, Kuklik R, Polakova J, Bezouska K. Comblike dendrimers containing Tn antigen modulate natural killing and induce the production of Tn specific antibodies. *J Med Chem.* 2006 Oct 19;49(21):6400-7.

IF₂₀₀₆ = 5,115 ; 4/35 Chemistry, medicinal

13. **Dzubak P**, Hajduch M, Vydra D, Hustova A, Kvasnica M, Biedermann D, Markova L, Urban M, Sarek J. Pharmacological activities of natural triterpenoids and their therapeutic implications. *Nat Prod Rep.* 2006 Jun;23(3):394-411. Epub 2006 May 3. Review.

IF₂₀₀₆ = 8,889 ; 20/262 Biochemistry and molecular biology; 1/35 Chemistry, medicinal; 2/56 Chemistry, organic

14. Fraga H, Fernandes D, **Novotny J**, Fontes R, Esteves da Silva JC. Firefly luciferase produces hydrogen peroxide as a coproduct in dehydroluciferyl adenylate formation. *Chembiochem*. 2006 Jun;7(6):929-35.

IF₂₀₀₆ = 4,100 ; 66/262 Biochemistry and molecular biology; 6/35 Chemistry, medicinal

15. Hornik P, Vyskocilova P, Friedecky D, Adam T. Diagnosing AICA-ribosiduria by capillary electrophoresis. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2006 Oct 20;843(1):15-9. Epub 2006 Jun 23.

IF₂₀₀₆ = 3,554 ; 6/68 Chemistry, analytical; 15/56 Biochemical research methods

16. Jegorov A, **Hajduch M**, Sulc M, Havlicek V. Nonribosomal cyclic peptides: specific markers of fungal infections. *J Mass Spectrom*. 2006 May;41(5):563-76. Review.

IF₂₀₀₆ = 2,945 ; 14/56 Chemistry, organic; 8/39 Spectroscopy

17. **Kolar M**, Pantucek R, Vagnerova I, Kesselova M, Sauer P, Matouskova I, Doskar J, Koukalova D, Hejnar P. Genotypic characterisation of vancomycin-resistant *Enterococcus faecium* isolates from haemato-oncological patients at Olomouc University Hospital, Czech Republic. *Clin Microbiol Infect*. 2006 Apr;12(4):353-60.

IF₂₀₀₆ = 3,254 ; 15/47 Infectious diseases; 24/88 Microbiology

18. Kriegova E, Melle C, Kolek V, Hutyrova B, Mrazek F, Bleul A, du Bois RM, von Eggeling F, Petrek M. Protein profiles of bronchoalveolar lavage fluid from patients with pulmonary sarcoidosis. *Am J Respir Crit Care Med*. 2006 May 15;173(10):1145-54. Epub 2006 Jan 26.

IF₂₀₀₆ = 9,091 ; 1/18 Critical care medicine; 1/34 Respiratory system

19. Meluzin J, Mayer J, Groch L, Janousek S, Hornacek I, Hlinomaz O, Kala P, Panovsky R, Prasek J, **Kaminek M**, Stanicek J, Klabusay M, Koristek Z, Navratil M, Dusek L, Vinklarkova J. Autologous transplantation of mononuclear bone marrow cells in patients with acute myocardial infarction: the effect of the dose of transplanted cells on myocardial function. *Am Heart J*. 2006 Nov;152(5):975.e9-15.

IF₂₀₀₆ = 3,514 ; 13/74 Cardiac and cardiovascular systems

20. **Pilka R**, Oborna I, Lichnovsky V, Havelka P, Fingerova H, Eriksson P, Hansson S, Casslen B. Endometrial expression of the estrogen-sensitive genes MMP-26 and TIMP-4 is

altered by a substitution protocol without down-regulation in IVF patients.
Hum Reprod. 2006 Dec;21(12):3146-56. Epub 2006 Sep 29.

IF₂₀₀₆ = 3,769 ; 3/59 Obstetrics and gynecology; 2/34 Reproductive biology

21. **Valentova K**, Lebeda A, Dolezalova I, Jirovsky D, Simonovska B, Vovk I, Kosina P, Gasmanova N, Dziechciarkova M, Ulrichova J. The biological and chemical variability of yacon.

J Agric Food Chem. 2006 Feb 22;54(4):1347-52.

IF₂₀₀₆ = 2,322 ; 1/31 Agriculture; 7/58 Chemistry, applied; 8/98 Food science and technology

22. Yoon D, Pastore YD, **Divoky V**, Liu E, Mlodnicka AE, Rainey K, Ponka P, Semenza GL, Schumacher A, Prchal JT. Hypoxia-inducible factor-1 deficiency results in dysregulated erythropoiesis signaling and iron homeostasis in mouse development.

J Biol Chem. 2006 Sep 1;281(35):25703-11. Epub 2006 Jun 19.

IF₂₀₀₆ = 5,808 ; 39/262 Biochemistry and molecular biology

23. Deininger M, Schleuning M, Greinix H, Sayer HG, Fischer T, Martinez J, Maziarz R, Olavarria E, Verdonck L, Schaefer K, Boque C, **Faber E**, Nagler A, Pogliani E, Russell N, Volin L, Schanz U, Doelken G, Kiehl M, Fauser A, Druker B, Sureda A, Iacobelli S, Brand R, Krahl R, Lange T, Hochhaus A, Gratwohl A, Kolb H, Niederwieser D; European Blood and Marrow Transplantation Group. The effect of prior exposure to imatinib on transplant-related mortality.

Haematologica. 2006 Apr;91(4):452-9.

IF₂₀₀₆ = 5,032 ; 10/61 Hematology

vysvětlivky:

tučně je vyznačen oceněný autor

IF je aktuální hodnota podle WOS. Zlomek popisuje pořadí příslušného časopisu v uvedeném oboru/celkový počet časopisů v uvedeném oboru. Pořadí časopisů je podle IF.

Cena děkana LF UP za nejlepší studentskou vědeckou práci 2006

Ocenění studenti:

teoretická sekce:

uchazeč: **MUDr. Petr Džubák**

soubor prací:

1) New derivatives of silybin and 2, 3-dehydrosilybin and their cytotoxic and P-glycoprotein modulatory activity

časopis: Bioorganic & Medicinal Chemistry 14 (2006) 3793-3810

2) Pharmacological activities of natural triterpenoids and their therapeutic implications

časopis: Nat. Prod. Rep., 2006, 23, 394-411

školitel: doc. MUDr. Marián Hajdúch, Ph.D.

klinická sekce:

V této sekci nebyla Cena děkana udělena.

Práce MUDr. Vladka Horčíčky jr. byla oceněna mimořádným stipendiem.

uchazeč: **MUDr. Vladko Horčíčka jr.**

práce: A Down Syndrome Patient Treated with Peritoneal Dialysis

časopis: Dialysis & Transplantation, March 2006, vol 35, No. 3

školitel: doc. MUDr. J. Zadražil, CSc.

Cena děkana LF UP 2006

- za zvýšení odborné kvalifikace v roce 2006:

byla udělena **doc. RNDr. Zdeňku Dvořákovi, Ph.D.** za jmenování docentem v oboru Lékařská chemie a biochemie ve věku 32 let