

## Základní údaje o školiteli postgraduálního doktorského studia v biomedicině na 3. LF UK

Oborová rada:	18 - Preventivní medicína		
Příjmení, jméno, tituly:	Křížová Pavla, MUDr., CSc.		
Adresa pracoviště:	Státní zdravotní ústav, Centrum epidemiologie a mikrobiologie, Šrobárova 48, Praha 10, 100 42		
Telefon:	267082259		
E-mail:	pavla.krizova@szu.cz		
Odborné zaměření: (maxim. 254 znaků)	Mikrobiologie, epidemiologie		
Výzkumné zaměření: (maxim. 254 znaků)	Klonální studium bakteriálních agens metodami molekulární biologie		
Jména doktorandů, kteří ukončili úspěšně studium pod vedením školitele:	Jméno	Rok obhajoby	Název doktorské práce
	1.		
Témata doktorských prací pro školní rok 2004/05:	1. Molekulární epidemiologie meningokokových nákaz 2. Molekulární epidemiologie hemofilových nákaz 3. Molekulární epidemiologie streptokokových nákaz		
Klinický kontext: (pro uchazeče o kombinovaný klinický výcvik)	Obory chirurgické:		
	Obory vnitřního lékařství:		
	Obory preventivní:	mikrobiologie, epidemiologie, infektologie	
	Obory další:		
Kontext výzkumného zaměření:	<input type="checkbox"/> 1. Prevence, diagnostika a terapie diabetes mellitus a vybraných metabolických endokrinních a nutričních poškození organismu. <input type="checkbox"/> 2. Invazivní přístupy k záchraně či regeneraci myokardu. <input type="checkbox"/> 3. Závažné neurologické a psychiatrické poruchy – jejich příčiny a mechanismy, možnosti terapie a prevence. <input type="checkbox"/> 4. Úrazy ve stáří. <input checked="" type="checkbox"/> 5. Primární prevence a kvalita života. <input type="checkbox"/> 6. Další (specifikovat):		
Seznam publikací v časopisech s IF od roku 1998 :			
1. Musilek M., Giorgini D., Hamadouche N., Kriz P., Taha M.K. Genetic heterogeneity of strains of <i>Neisseria meningitidis</i> belonging to serotype 22 isolated in the Czech Republic. <i>J. Clin. Microbiol.</i> 1998, 36(2): 563-565. IF=3.565  2. Urwin R., Fox A.J., Musilek M., Kriz P., Maiden M.C.J. Heterogeneity of the PorB protein in serotype 22 <i>Neisseria meningitidis</i> . <i>J. Clin. Microbiol.</i> 1998, 36(12): 3680-3682. IF=3.565  3. Kremastinou J., Tzanakaki G., Kansouzidou A., Pagalis A., Danielides V., Kouppari G., Lada E., Kriz P., Musilek M., Weir D.M., Blackwell C.C. Recent emergence of serogroup C meningococcal disease in Greece. <i>FEMS Immunology and Medical Microbiology</i> 1999, 23: 49-55. IF=1.779  4. Kriz P., Giorgini D., Musilek M., Larribe M., Taha M.K. Microevolution through DNA exchange among strains of <i>Neisseria meningitidis</i> isolated during an outbreak in the Czech Republic. <i>Res. Microbiol.</i> 1999, 150: 273-280. IF=2.139			

5. Facklam R., Beall B., Efstratiou A., Fischetti V., Johnson D., Kaplan E., Kriz P., Lovgren M., Martin D., Schwartz B., Totolian A., Bessen D., Hollingshead S., Rubin F., Scott J., Tyrrell G. Emm typing and validation of provisional M types from group A streptococci. *Emerg. Infect. Dis.* 1999, 5: 247-253. IF=4.757
6. Kriz P., Kriz B., Svandova E., Musilek M. Antimeningococcal herd immunity in the Czech Republic - influence of an emerging clone, *Neisseria meningitidis* ET-15/37. *Epidemiol. Infect.* 1999, 123:193-200. IF=1.697
7. Kriz P., Bobak M., Kriz B. Parental smoking, socioeconomic factors, and risk of invasive meningococcal disease in children: a population based case-control study. *Arch. Dis. Child.* 2000, 83: 117-121. IF=2.095
8. Kriz P., Musilek M., Skoczynska A., Hryniewicz W. Genetic and antigenic characteristics of *Neisseria meningitidis* strains isolated in the Czech Republic in 1997 – 1998. *Eur. J. Clin. Microbiol. Infect. Dis.*, 2000, 19: 452-459. IF=1.333
9. Kalmusova J, Novotny J, Hulinska D, Musilek M and Kriz P. Interactions of invasive and non-invasive strains of *Neisseria meningitidis* with monkey epithelial cells, mouse monocytes and human macrophages. *Microbiologica*, 2000, 23:185-200. IF=0.438
10. Jolley K.A., Kalmusova J., Feil E.J., Gupta S., Musilek M., Kriz P., Maiden M.J. Carried Meningococci in the Czech Republic: a Diverse Recombining Population. *J. Clin. Microbiol.*, 2000, 38: 4492-4498. IF=3.565
11. Skoczynska A., Kriz P., Bossen Konradsen H., Hryniewicz W. Characteristics of the Major Etiologic Agents of Bacterial Meningitis isolated in Poland in 1997 – 1998. *Microbial Drug Resistance*, 2000, 6(2): 147-153. IF=2.565
12. Antignac A., Kriz P., Tzanakaki G., Alonso J.-M., Taha M.-K. Polymorphism of *Neisseria meningitidis* penA gene associated with reduced susceptibility to penicillin. *J. of Antimicrob. Chemotherapy* 2001, 47: 285-296. IF=3.329
13. Tzanakaki G., Urwin R., Musilek M., Kriz P., Kremastinou J., Pangalis A., Blackwell C.C., Maiden M.C.J. Phenotypic and Genotypic Approaches to Characterization of Isolates of *Neisseria meningitidis* from Patients and Their Close Family Contacts. *J. of Clin. Microbiol.* 2001, 39 (4): 1235-1240. IF=3.565
14. Osička R., Kalmusová J., Křížová P. and Šebo P. *Neisseria meningitidis* RTX Protein FrpC Induces High Levels of Serum Antibodies during Invasive Disease: Polymorphism of frpC Alleles and Purification of Recombinant FrpC. *Infect. Immun.* 2001, 69 (9): 5509-5519. IF=4.039
15. Facklam R.F., Martin D. R., Lovgren M., Johnson D.R., Efstratiou A., Thompson T.A., Gowan S., Kriz P., Tyrrell G.J., Kaplan E. and Beall B. Extension of the Lancefield Classification for Group A Streptococci by Addition of 22 New M Protein Gene Sequence Types from Clinical Isolates: emm103 to emm124. *Clinical Infectious Diseases* 2002, 34: 28-38. IF=4.750
16. Jolley, K.A., J. Kalmusova, E.J. Feil, S. Gupta, M. Musilek, P. Kriz and M. J. C. Maiden. Carried meningococci in the Czech Republic. A diverse recombining population. *J. Clin. Microbiol.* 2002, 40:3549-3550. IF=3.565
17. Gagneux S., Wirth T., Hodgson A., Ehrhard I., Morelli G., Kriz P., Genton B., Smith T., Binka F., Pluschke G. And Achtman M. Clonal Groupings in Serogroup X *Neisseria meningitidis*. *Emerging Infectious Diseases* 2002, 8 (5), 462-466. IF=4.757

18. Kriz P., Kalmusova J., Felsberg J. Multilocus sequence typing of *Neisseria meningitidis* directly from cerebrospinal fluid. *Epidemiol. Infect.* 2002, 128, 157-160. IF=1.697
19. Benes J., Dzupova O., Krizova P., Rozsypal H. Tricuspid Valve Endocarditis due to *Neisseria cinerea*. *Eur J Clin Microbiol Infect Dis*, 2003, 22: 106-107. IF=1.333
20. Benes J., Dzupova O., Kabelkova M., Krizova P., Gabrielova A. Infective endocarditis due to *Neisseria meningitidis*: two case reports. *Clin Microbiol Infect* 2003, 9: 1062-1064. IF=1.198
21. Vázquez J. A., Arreaza L., Block C., Ehrhard I., Gray S. J., Heuberger S., Hoffmann S., Kriz P., Nicolas P., Olcen P., Skoczynska A., Spanjaard L., Stefanelli P., Taha M.K., Tzanakaki G. Interlaboratory Comparison of Agar Dislution and Etest Methods for Determining the MICs of Antibiotics Used in Management of *Neisseria meningitidis* Infections. *Antimicrob Agents and Chemother* 2003, 47(11): 3430-3434. IF=4.215
22. Kriz P., Kriz B. Smoking as risk factor of invasive meningococcal disease and meningococcal carriage. In: Abstract Book – ISEE/ISEA 1999, Athens, Greece. In *Epidemiology (Supplement)*, 1999, vol. 10, No. 4. IF=3.962
23. Roznovsky L., Struncova V., Dostal V., Plisek S., Burget I., Svejda J., Kriz P. Anamnestic data and prognostic scores in 109 patients with meningococcal disease. In: Abstracts of the 10th European Congress of Clinical Microbiology and Infectious Diseases, Stockholm, Sweden, May 28-31, 2000, *Clinical Microbiology and Infection*, 2000, 6, Suppl.1: 231-232. IF=1.198
24. Osička, R., Kalmusová, J., Křížová, P. and Šebo, P. Detection of the Genes for *Neisseria meningitidis* RTX Proteins FrpA and FrpC in Czech Clinical Isolates - Expression and Purification of Recombinant FrpC in *Escherichia coli*. Proceedings of the 9th European Workshop on Bacterial Protein Toxins, Ste. Maxime, France, June 27-July 2, 1999. In: *Int. J. Med. Microbiol.*, 2000, 290, A82. IF=2.403
25. Kriz P., Kriz B., Musilek M., Kalmusova J., Bobak M. Meningococcal invasive disease in the Czech Republic in the 1990s. 11th ECCMID, Istanbul, Turecko, 1.-4. 4. 2001. Abstrakt v *Clinical Microbiology and Infection*, 2001, 7 (Suppl. 1): 14. IF=1.198
26. Roznovsky L., Struncova V., Dostal V., Plisek S., Burget I., Herodes P., Chalupa P., Dlouhy P., Svejda J., Kriz P. Investigation of disseminated intravascular coagulation in 118 patients with meningococcal disease. 11th ECCMID, Istanbul, Turecko, 1.-4. 4. 2001. Abstrakt v *Clinical Microbiology and Infection*, 2001, 7 (Suppl. 1): 185. IF=1.198
27. Krizova P., Lebedova V., Benes C. The introduction of HIB vaccination in the Czech Republic. Abstract Book, 12th ECCMID Italy 2002, *Clinical Microbiology and Infection*, Vol. 8, Supl. 1, 2002, 114. IF=1.198
28. Kalmusova J., Felsberg J and Krizova P. PCR diagnosis of invasive disease caused by *Neisseria meningitidis* and direct multilocus sequence typing of PCR products. Abstract Book, 12th ECCMID Italy 2002, *Clinical Microbiology and Infection*, Vol. 8, Supl. 1, 2002, 313. IF=1.198
29. Roznovsky L., Struncova V., Dostal V., Plisek S., Kasal E., Burget I., Chalupa P., Krizova P., Dlouhy P., Svejda J. Investigation of preadmission antibiotic treatment in patients with meningococcal disease. Abstract Book, 12th ECCMID Italy 2002, *Clinical Microbiology and Infection*, Vol. 8, Supl. 1, 2002, 369. IF=1.198

30. Prymula R., Motlova J., Kriz P. Comparison of *Streptococcus pneumoniae* serotypes causing acute otitis media and acute invasive disease in children younger than 2 years in the Czech Republic. Abstract Book, XV LISSSD India 2002, p. P1.22. IF=0.045
  
31. Krizova P., Kalmusova J., Musilek M., Felsberg J., Haugvicova R., Caugant D. Clonal analysis of *Neisseria meningitidis* and vaccination strategy in the Czech Republic. Abstract book, 13th ECCMID, Glasgow, UK, květen 2003, p. 10. IF=1.198
  
32. Krizova P., Lebedova V., Kalmusova J., Felsberg J., Hryniewicz W., Skoczynska A. Impact of routine Hib vaccination in the Czech Republic and analysis of *Haemophilus influenzae* isolates by molecular methods. Abstract book, 13th ECCMID, Glasgow, UK, květen 2003, p. 10. IF=1.198
  
33. Jindrichova E., Maresova V., Krizova P., Kalmusova J., Dzipova O. Dynamics of the PCR positivity in patients with invasive meningococcal disease. Abstract book, 13th ECCMID, Glasgow, UK, květen 2003, p. 103.  
IF=1.198
  
34. Kasal E., Chytra I., Struncova V., Krizova P., Roznovsky L. Can we really assert therapy of invasive meningococcal disease (IMD) to prehospital care? Abstract book, 13th ECCMID, Glasgow, UK, květen 2003, p. 118.  
IF=1.198