

Curriculum Vitae

Personal information **Peter Zsolt Fekete**

Work experience

1. Employer: Icelandic Medicines Agency
 - Start date: 052016
 - End date:
 - Position: quality expert
 - Activities: quality assessment
 - Country: Iceland
2. Employer: National Food Chain Safety Office, Directorate of Veterinary Medicinal Products, Pharmaceutical Department
 - Start date: 022014
 - End date: 042016
 - Position: quality expert
 - Activities: quality assessment of marketing authorization applications, renewals and variations of veterinary medicinal products
 - Country: Hungary
3. Employer: AccepTher Ltd.
 - Start date: 102013
 - End date: 122014
 - Position: scientific writer, microbiology expert
 - Activities: regulatory, and scientific writing tasks on the compilation and control of CTD Module 3 sections of human medicinal products (bacterial and viral vaccines)
 - Country: Hungary
4. Employer: Charles River Laboratories Preclinical Services
 - Start date: 012013
 - End date: 112013
 - Position: R&D microbiologist
 - Activities: microbiology R&D activities during bacteriological test method transfers
 - Country: Ireland
5. Employer: Gedeon Richter Plc.
 - Start date: 122010
 - End date: 122012
 - Position: Regulatory Affairs officer
 - Activities: regulatory affairs support of biotechnology and nanomedicinal drug development
 - Country: Hungary
6. Employer: South Dakota State University
 - Start date: 082008
 - End date: 062010
 - Position: research fellow, microbiologist
 - Activities: research on the adhesion of enterotoxigenic E. coli (ETEC), vaccine development against porcine ETEC
 - Country: United States
7. Employer: Veterinary Medical Research Institute of the Hungarian Academy of Sciences
 - Start date: 041996
 - End date: 122010
 - Position: research fellow, microbiologist
 - Activities: research on the virulence and antibiotic resistance genes of animal intestinal E. coli pathotypes, vaccine development against porcine postweaning diarrhoea
 - Country: Hungary
8. Employer: Department of Clinical Immunology, National Institute of Oncology
 - Start date: 051993
 - End date: 041996
 - Position: assistant research fellow
 - Activities: research on the antibody dependent cell mediated cytotoxicity (ADCC) and complement dependent cytotoxicity (CDC) of oncological patients
 - Country: Hungary

Education and training

1. Subject: Eötvös Lóránd University, Faculty of Science
 - Start date: 1997
 - End date: 2005
 - Qualification: PhD
 - Organisation: microbiology thesis: Analysis of virulence plasmids of enterotoxigenic Escherichia coli (ETEC) strain isolated from porcine postweaning diarrhoea
 - Country: Hungary
2. Subject: Eötvös Lóránd University, Faculty of Science
 - Start date: 1994
 - End date: 1997
 - Qualification: MSc
 - Organisation: microbiology
 - Country: Hungary
3. Subject: University of Horticulture and Food Industry

- Start date: 1988
- End date: 1992
- Qualification: BSc
- Organisation: graduate engineer of food technology
- Country: Hungary

Additional information

Publications

- Szmolka, A., Lestár, B., Pászti, J., Fekete, P., Nagy, B. 2015. Conjugative IncF and IncI1 plasmids with tet(A) and class 1 integron conferring multidrug resistance in F18(+) porcine enterotoxigenic *E. coli*. *Acta Vet Hung.* 63(4) 425_443.
- Fekete, P.Z., Mateo, K. S., Zhang, W., Moxley, R. A., Kaushik, R. S., Francis, D. H. 2013. Both enzymatic and non-enzymatic properties of heat-labile enterotoxin are responsible for LT-enhanced adherence of enterotoxigenic *Escherichia coli* to porcine IPEC_J2 cells. *Vet. Microbiol.* 164. 330_335
- Fekete, P. Z., Brzuszkiewicz, E., Blum-Oehler, G., Olasz, F., Szabó, M., Gottschalk, G., Hacker, J., Nagy, B. 2012. DNA sequence analysis of the composite plasmid pTC conferring virulence and antimicrobial resistance for porcine enterotoxigenic *Escherichia coli*. *Int. J. Med. Microbiol.* 302. 4_9
- Fekete, P. Z., Nagy, B. 2008. Salmonella Genomic Island 1 (SGI1) and genetic characteristics of animal and food isolates of *Salmonella* Typhimurium DT104 in Hungary. *Acta Vet. Hung.* 56. 5–11
- Tóth, A., Nógrády, N., Fekete, P. Z., Pászti, J., Füzi, M. 2007. Extended-spectrum β -lactamase-producing *Salmonella enterica* strains isolated from humans in Hungary, 2000 to 2004. *J. Antimicrob. Chemother.* 59. 579_582.
- Nógrády, N., Gado, I., Fekete, P. Z., Pászti, J. 2005. Chloramphenicol resistance genes in *Salmonella enterica* subsp. *enterica* serovar Typhimurium isolated from human and animal sources in Hungary. *Vet. Med. Czech.* 50. 164–170.
- Nagy, B., Fekete, P. Z. 2005. Enterotoxigenic *Escherichia coli* in veterinary medicine. *Int. J. Med. Microbiol.* 295. 443–454
- Olasz, F., Fekete, P. Z., Blum-Oehler, G., Boldogkői, Z., Nagy, B. 2005. Characterization of an F18+ enterotoxigenic *Escherichia coli* strain from post-weaning diarrhoea of swine, and of its conjugative virulence plasmid pTC. *FEMS Microbiol. Lett.* 244. 281_289.
- Fekete, P. Z., Schneider, G., Olasz, F., Blum-Oehler, G., Hacker, J. H., Nagy, B. 2003. Detection of a plasmid-encoded pathogenicity island in F18+ enterotoxigenic and verotoxigenic *Escherichia coli* from weaned pigs. *Int. J. Med. Microbiol.* 293. 287_298.
- Fekete, P. Z., Gerardin, J., Jacquemin, E., Mainil, J. G., Nagy, B. 2002. Replicon typing of F18 fimbriae encoding plasmids of enterotoxigenic and verotoxigenic *Escherichia coli* strains from porcine postweaning diarrhoea and oedema disease. *Vet. Microbiol.* 85. 275_284.
- Nagy, B., Fekete, P. Z. 1999. Enterotoxigenic *Escherichia coli* (ETEC) in farm animals. *Vet. Res.* 30. 259_284

Projects

- 2024 BWP-CAT training on AAV based gene therapy (EMA, Amsterdam, Netherlands)
- 2021 Fermentation products training (online MEB, Netherlands)
- 2020 Drug Product manufacturing theory training (Biotech Training Facility, Leiden, Netherlands)
- 2019 Upstream and downstream processing training (Biotech Training Facility, Leiden, Netherlands)
- 2019 Biological medicinal products Q assessor training (MEB, Utrecht, Netherlands)
- 2018 Quality assessment training for Clinical trials (BfArM, Bonn, Germany)
- 2017 Clinical Trials Regulation: Quality Assessment (IMPD) (SÚKL, Prague, Czechia)
- 2016 EU and international assessor training on biosimilars (EU-NTC)
- 2015 EU Assessors Training on Quality Assessment of Drug Substances (EMA QWP & Ravimiamet _ Estonian State Agency of Medicines)
- 2015 Senior Quality Assessor Training (EMA QWP)
- 2014 Assessing the Fate of Veterinary Medicinal Products in the Environment _ Training of Assessors _ FOCUS modelling (EMA ERAWP)
- 2014 Residues of veterinary medicinal products in food of animal origin (BTSF _ Better Training for Safer Food)
- 2012 Advanced regulatory affairs training, organized by the MAGYOTT (Hungarian Regulatory Affairs Society)
- 2011 Beginners regulatory affairs training, organized by the MAGYOTT (Hungarian Regulatory Affairs Society)
- 2008_2010 research fellow (exchange visitor) Veterinary Science Dept. of South Dakota State University, Brookings, U.S.A. research field: studies on the adhesion of enterotoxigenic *E. coli* (ETEC), vaccine development against porcine ETEC
- 2006 Health Protection Agency (HPA), London; 2 weeks PFGE practical course, supported by the MedVetNet)
- 2005 1 month study trip at the Institut für Molekulare Infektionsbiologie, Universität Würzburg (supported by the „TÉT“ German-Hungarian Fellowship Grant)
- 2004 1 week proteomics practical training organized by the Institut für Molekulare Infektionsbiologie, Universität Würzburg (supported by the „TÉT“ German-Hungarian Fellowship Grant)
- 2004 2 weeks study trip at the Institut für Molekulare Infektionsbiologie, Universität Würzburg (supported by the „TÉT“ German-Hungarian Fellowship Grant)
- 2000 Institut für Molekulare Infektionsbiologie, Universität Würzburg (1 month, supported by the FEMS Young Scientists Fellowship Grant)
- 1999 University of Liège, Veterinary Faculty, Department of Bacteriology (1 month, supported by the Vallonian-Hungarian Intergovernmental Cooperation)
- 1998 Institut für Molekulare Infektionsbiologie, Universität Würzburg (1 month, supported by the Bayerische Forschungstiftung)

Memberships

Public Board of the Hungarian Academy of Sciences (id#: 16821)

Other Relevant Information

- pharmaceutical assessment of MAAs of medicines containing small chemical entities as active substances
- scientific advice on biological and biosimilar medicinal products, ATMPs, and medical device related issues