

## Curriculum Vitae

Personal information **Bozena Bürmen**

### Work experience

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- Employer: Agency for Medicinal Products and Medical Devices of the Republic of Slovenia (JAZMP)
  - Start date: 092023
  - End date:
  - Position: Non-clinical and Clinical Assessor
  - Activities: Bioequivalence Assessor and Clinical Assessor
  - Country: Slovenia
- Employer: University Medical Centre Ljubljana (UMCL); Hospital Pharmacy
  - Start date: 122020
  - End date: 092023
  - Position: Clinical Pharmacist, Specialist
  - Activities: hospital pharmacist, clinical pharmacist at the Department of Thoracic Surgery, compounding of Parenteral Nutrition, involved in analysis and prevention of Medication Errors in UMCL, coordinator and mentor to domestic and international students in UMCL Hospital Pharmacy, co-mentor of master's theses,
  - Country: Slovenia
- Employer: University Medical Centre Ljubljana (UMCL); Hospital Pharmacy
  - Start date: 012012
  - End date: 122020
  - Position: Hospital Pharmacist
  - Activities: compounding of Parenteral Nutrition, member of the UMCL Accreditation group, involved in analysis and prevention of Medication Errors in UMCL, clinical pharmacist at the Department of Thoracic Surgery.
  - Country: Slovenia
- Employer: Javni zavod Gorenjske lekarne Kranj; Slovenia
  - Start date: 092001
  - End date: 012012
  - Position: Community Pharmacist, Deputy Head of a Pharmacy
  - Activities:
  - Country: Slovenia

### Education and training

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- Subject:
  - Start date: 092016
  - End date: 092019
  - Qualification: Clinical Pharmacist, Specialist's Thesis: Specialist Management of Medication Errors at the University Medical Centre Ljubljana.
  - Organisation: Slovene Chamber of Pharmacy
  - Country: Slovenia
- Subject:
  - Start date: 2003
  - End date: 2014
  - Qualification: PhD degree in Biopharmacy and Pharmacokinetics Dissertation: Evaluation of kinetics and mechanism of fed gastric emptying of pellets by the aid of mathematical models
  - Organisation: University of Ljubljana, Faculty of Pharmacy
  - Country: Slovenia
- Subject:
  - Start date: 1995
  - End date: 2001
  - Qualification: Master of Pharmacy; Master's Thesis: Evaluation and prediction of biopharmaceutical properties of microspheres with multiple regression and neural networks :
  - Organisation: University of Ljubljana, Faculty of Pharmacy
  - Country: Slovenia

### Additional information

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#### Publications

BÜRMEŒ, BoŒena, MATEOVIĆ, Tatjana. Influence of preparation conditions on biopharmaceutical properties of microspheres. Ljubljana: [KriŒnar B.], 2000. Faculty of Pharmacy, University of Ljubljana, 2001 Faculty award for Student Research Paper;

BÜRMEŃ, BoŹena. Evaluation and prediction of biopharmaceutical properties of microspheres with multiple regression and neural networks : Master's Thesis. [KriŹnar B.], 2001. Faculty of Pharmacy, University of Ljubljana,;

MATEOVIĆ, Tatjana, BÜRMEŃ, BoŹena, BOGATAJ, Marija, MRHAR, AleŹ. The influence of stirring rate on biopharmaceutical properties of Eudragit microspheres. Journal of microencapsulation. 2002, vol. 19, no. 1, p. 29-36. ISSN 0265-2048;

GRABNAR, Iztok, BOGATAJ, Marija, BÜRMEŃ, BoŹena, MRHAR, AleŹ. Preparation of microspheres by solvent evaporation method: process characterization by artificial neural network. In: 4th World Meeting on Pharmaceutics, Biopharmaceutics, Pharmaceutical Technology : 10th International Conference on Pharmaceutical Engineering, September 16th-18th, Graz, Austria. Florence, 8-11 April 2002. Florence: [s.n.], 2002. p. 1369-1370. ;

BÜRMEŃ, BoŹena, MATEOVIĆ, Tatjana, BOGATAJ, Marija, MRHAR, AleŹ. The influence of chitosan on in vitro properties of Eudragit RS microspheres. Chemical and Pharmaceutical Bulletin. 2003, vol. 51, no. 4, p. 359-364. ISSN 0009-2363. DOI: 10.1248/cpb.51.3590;

BÜRMEŃ, BoŹena, LOCATELLI, Igor, MRHAR, AleŹ, BOGATAJ, Marija. Influence of caloric value of food on gastric emptying of pellets. In: Abstracts of the 8th Central European Symposium on Pharmaceutical Technology (CESPT), Satellite Symposium: 4th International Graz Congress on Pharmaceutical Engineering, September 16th-18th, Graz, Austria. Wien: Österreichischer Apothekerverlag, 2010. p. 614. Scientia Pharmaceutica, vol. 78, iss. 3. ISSN 0036-8709;

BÜRMEŃ, BoŹena, LOCATELLI, Igor, BÜRMEŃ, Arpad, BOGATAJ, Marija, MRHAR, AleŹ, et al. Mathematical modeling of individual gastric emptying of pellets in the fed state. Journal of drug delivery science and technology. [Print ed.]. 2014, vol. 24, no. 4, p. 418-424. ISSN 1773-2247.

BÜRMEŃ, BoŹena. Evaluation of kinetics and mechanism of fed gastric emptying of pellets by the aid of mathematical models : dissertation. Ljubljana, 2014;

BÜRMEŃ, BoŹena, LOCATELLI, Igor, MRHAR, AleŹ, BOGATAJ, Marija. Analysis of factors influencing gastric emptying of pellets in a fed state. Expert opinion on drug delivery. 2015, vol. 12, issue 8, p. 1225-1238, ISSN 1742-5247, DOI:10.1517/17425247.2015.1035707; 2015 Dean's Award for Scientific Article;

BÜRMEŃ, BoŹena. Management of Medication Errors at the University Medical Centre Ljubljana: Specialist's Thesis. Ljubljana, 2019;

BÜRMEŃ, BoŹena. Review of the hospital high-alert medication list using hospital and international data : 25th Anniversary Congress of the European Association of Hospital Pharmacists, 23-28 March 2021, Brussels, virtual congress;

MARZIDOVŹEK, Źpela. Prediction of tacrolimus whole blood concentrations in lung transplant patients using machine learning methods : Master's Thesis Faculty of Pharmacy, University of Ljubljana, 2022; Co-mentor : B. BÜRMEŃ;

ŹHIĆ, Sanela. Development of a tacrolimus population pharmacokinetic model in patients after lung transplantation : Master's Thesis. Faculty of Pharmacy, University of Ljubljana, 2022; Co-mentor : B. BÜRMEŃ;

## Projects

Member of a "Special Interest Group for the Investigation of Medication Errors in Intensive Care Units" at European Association of Hospital Pharmacists; SIG-FINAL Report : [https://www.eahp.eu/sites/default/files/report\\_sig\\_for\\_the\\_investigation\\_of\\_medication\\_errors\\_in\\_intensive\\_care\\_units.pdf](https://www.eahp.eu/sites/default/files/report_sig_for_the_investigation_of_medication_errors_in_intensive_care_units.pdf)

Member of the team developing software for reporting of Medication Errors at UMCL,

Member of a Group developing the Protocol of enteral nutrition and drug administration through jejunostomy tube in UMCL,

Head of the UMCL research project "Tacrolimus dosing in lung transplant patients supported by artificial intelligence and population pharmacokinetics."

## Memberships

Slovenian Pharmaceutical Society (SFD),

European Association of Hospital Pharmacists (EAHP),

European Society of Clinical Nutrition and Metabolism (ESPEN)

## Other Relevant Information

2015 Dean's Award for Scientific Article (University of Ljubljana, Faculty of Pharmacy);

BÜRMEŃ, BoŹena, LOCATELLI, Igor, MRHAR, AleŹ, BOGATAJ, Marija. Analysis of factors influencing gastric emptying of pellets in a fed state. Expert opinion on drug delivery. 2015, vol. 12, issue 8, p. 1225-1238, ISSN 1742-5247, DOI:10.1517/17425247.2015.1035707.

2001 Faculty award for Student Research Paper (University of Ljubljana, Faculty of Pharmacy)

BÜRMEŃ, BoŹena, MATEOVIĆ, Tatjana. Influence of preparation conditions on biopharmaceutical properties of microspheres. Ljubljana: [KriŹnar B.], 2000. Faculty of Pharmacy, University of Ljubljana, PreŹernove nagrade;