



## Curriculum Vitae

Personal information **Ksenija Sandor**

Work experience

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- Employer: Croatian Veterinary Institute, Zagreb, Croatia  
Start date: 3/2024  
Position: Senior Research Associate in the Laboratory for the Analysis of VMPs, Department for Veterinary Public Health; Head of the Department for Quality Assurance and Improvement  
Activities: Quality control of VMPs. Assessments of pharmaceutical part of VMP dossiers. Participation in research projects funded by the Ministry of Science. Ensuring quality in research, science and the professional and administrative activities of the Institute.
- Employer: Croatian Veterinary Institute, Zagreb, Croatia  
Start date: 7/2018  
End date: 3/2024  
Position: Research Associate in the Laboratory for the Analysis of VMPs, Department for Veterinary Public Health  
Activities: Quality control of VMPs. Assessments of the pharmaceutical part of VMP dossiers. Participation in research projects funded by the Ministry of Science.
- Employer: Croatian Veterinary Institute, Department for Veterinary Public Health, Laboratory for the Analysis of VMPs, Zagreb, Croatia  
Start date: 3/2013  
End date: 7/2018  
Position: Research Assistant in the Laboratory for the Analysis of VMPs, Department for Veterinary Public Health  
Activities: Quality control of VMPs. Assessments of the pharmaceutical part of VMP dossiers. Participation in research projects funded by the Ministry of Science.
- Employer: Croatian Veterinary Institute, Zagreb, Croatia  
Start date: 7/2007  
End date: 3/2013  
Position: Junior Researcher in the Laboratory for the Analysis of VMPs, Department for Veterinary Public Health  
Activities: Quality control of VMPs. Assessments of pharmaceutical part of VMP dossiers. Participation in research projects funded by the Ministry of Science.

- Employer: Croatian Veterinary Institute, Zagreb, Croatia  
Start date: 7/2004  
End date: 7/2007  
Position: Expert Associate in the Laboratory for the Analysis of VMPs, Department for Veterinary Public Health  
Activities: Quality control of VMPs. Assessments of the pharmaceutical part of VMP dossiers. Participation in research projects funded by the Ministry of Science.
- Employer: University of Zagreb, Faculty of Science, Zagreb, Croatia  
Start date: 10/2000  
End date: 2/2004  
Position: External Associate in the Laboratory for the Analysis of VMPs, Department for Veterinary Public Health  
Activities: Teaching assistant responsible for the laboratory and lecture of Organic Chemistry Laboratory courses.

## Education and training

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### Education:

- from 2006 to 2012, University of Zagreb, Faculty of Science, Zagreb, Croatia; Ph.D. in Chemistry;
- from 1994 to 2000, University of Zagreb, Faculty of Science, Zagreb, Croatia; B.Sc. in Chemistry
- from 1990 to 1994, Vladimir Prelog Science School, Zagreb, Croatia; Qualification: Chemistry Technician

### Training:

- 2/2025, EMA, Amsterdam, Netherlands; webinar; subject: Power BI App IRIS NCA Dashboard.
- 12/2024, Crolab d.o.o., Zagreb, Croatia; webinar, subject: Competence of laboratory personnel (under ISO 17025).
- 9/2024, Madrid, Spain; webinar; subject: Unlocking the Secrets of Proficiency Testing Assessment.
- 4/2024, EDQM, Strasbourg, France; webinar; subject: CEP 2.0: Fresh feedback from stakeholders,
- 5/2023, EDQM, Strasbourg, France; webinar; subject: CEP 2.0: changes and impact.
- 3/2021, MEB, Amsterdam, Netherlands; webinar; subject: AMR / Optimising veterinary antimicrobial use and reducing AMR: from policy to practice.
- 9/2022, EMA, Amsterdam, Netherlands; webinar; subject: UPD webinar on variations not requiring assessment for national competent authorities.
- 2/2020, FIMEA, Helsinki, Finland; webinar; subject: Distant Assessment of GMP Compliance.
- 9/2019, Croatian Pharmacological Society, Zagreb, Croatia; workshop; subject: Croatian Congress of Pharmacology.
- 6/2017, EMA, London, United Kingdom; training; subject: QWP (H+V) training.
- 5/2017, Medicademy in collaboration with HALMED and the

Croatian Pharmaceutical Industry, Zagreb, Croatia; workshop; subject: Variation Workshop.

- 9/2016, Supera kvaliteta d.o.o., Zagreb, Croatia; training; subject: Risk management.
- 12/2013, AGES, Wien, Austria; education and training; subject: Counterfeit / Illegal Medicines Testing Certificate in Risk Management.
- 3/2013, Croatian Metrology Society, Zagreb, Croatia; training; subject: Flexible Scope of Accreditation for Testing Laboratories.
- 10/2010, EMA, London, United Kingdom; training; subject: Quality Assessors training.
- 7/2010, University of Zagreb, Faculty of Chemical Engineering and Technology, Zagreb, Croatia; education and training; subject: International School of Ion Chromatography.
- 12/2009, AFSSA, Fougères, France; specialization; subject: Training for Chemical Analyst.
- 2/2009, Croatian Metrology Society, Zagreb, Croatia; training; subject: Statistical Methods for the Analysis of Measurement Results.
- 2/2008, Croatian Metrology Society, Zagreb, Croatia; training; subject: Statistics in the Validation of Analytical Methods.
- 11/2007, Croatian Metrology Society, Zagreb, Croatia; training; subject: Validation of Analytical Methods.
- 4/2007, Croatian Metrology Society, Zagreb, Croatia; training; subject: Measurement Uncertainty for Practitioners.

## Additional information

### Publications

#### Journals papers \_ Scientific and review papers

1. M. Andrišić, I. Žarković, K. Šandor, A. Vujnović, E. Perak Junaković, H. Valpotić, K. Bendelja, Ž. Cvetić, F. Božić, S. Terzić, Phenotype analysis of CD3+CD16+ lymphocytes in the peripheral blood of pigs, *Veterinarska stanica* 51 (2) (2020) 117\_128. (English)
2. K. Šandor, M. Andrišić, I. Žarković, E. Perak Junaković, A. Vujnović, S. Terzić, Development of an SPE\_HPLC\_DAD method for the experimental study of florfenicol and florfenicol amine in pig cerebrospinal fluid, *Veterinarska stanica* 51 (2) (2020) 129\_138. (English)
3. S. Terzić, K. Šandor, M. Andrišić, I. Žarković, A. Vujnović, E. Perak Junaković, K. Vretenar Špigelski, S. Sinković, M. Pehneć, D. Fajdić, Konvencija Vijeća Europe o krivotvorenju farmaceutskih proizvoda i sličnim kažnjivim djelima koja uključuju prijetnje javnom zdravlju (Council of Europe Convention on counterfeiting of medicinal products and similar crimes involving threats to public health), *Veterinarska stanica* 51 (1) (2020) 1\_4. (Croatian)
4. E. Perak Junaković, K. Šandor, A. Vujnović, K. Vretenar Špigelski, S. Sinković, M. Andrišić, I. Žarković, M. Pehneć, D. Fajdić, S. Terzić, Određivanje antimikrobnih lijekova u otpadnim vodama (Determination of antimicrobial substances in wastewaters), *Veterinarska stanica* 50 (5) (2019) 445\_454. (Croatian)
5. J. Pleadin, A. Vulić, S. Terzić, N. Vahčić, K. Šandor, E. Perak. Comparison of accumulation of clenbuterol and salbutamol residues in animal internal tissues, non\_pigmented eyes and hair, *Journal of analytical toxicology* 38 (2014) 681\_685. (English)
6. J. Pleadin, A. Vulić, N. Perši, S. Terzić, M. Andrišić, I. Žarković, K. Šandor, E. Perak, Comparison of Ractopamine Residue Depletion from Internal Tissues, *Immunopharmacology and Immunotoxicology* 35 (2013) 88\_92. (English)
7. J. Pleadin, A. Vulić, N. Perši, S. Terzić, M. Andrišić, I. Žarković, K. Šandor, E. Perak, Ž. Mihaljević, Accumulation of Ractopamine Residues in Hair and Ocular Tissues of Animals during and after Treatment, *Journal of Analytical Toxicology* 37 (2013) 1\_5. (English)
8. K. Šandor, S. Terzić, I. Žarković, M. Andrišić, E. Perak, In\_use Stability of Enrofloxacin Solution for Injection in Multi\_dose Container, *Acta Veterinaria* 62 (2012) 213\_225. (English)
9. S. Terzić, J. Pleadin, K. Šandor, A. Vulić, N. Perši, I. Žarković, M. Andrišić, L. Jemeršić, M. Weber Sušanj, Aflatoxin B<sub>1</sub> in Wheat Bran Containing Premix, *Veterinarski arhiv* 82 (2012) 155\_166. (English)
10. S. Miler, K. Šandor, V. Logomerac Šimunec, S. Terzić, Određivanje amoksicilina u veterinarsko\_medicinskim proizvodima (Determination of Amoxicillin in Veterinary Medicinal Products), *Veterinarska stanica* 43 (1) (2012) 17\_23. (Croatian)
11. S. Terzić, M. Andrišić, I. Žarković, A. Ballarin Perharić, K. Šandor, S. Špičić, Određivanje biološke aktivnosti tuberkulina na zamorčadi (Determining the Biological Activity of Tuberculin on Guinea Pigs), *Veterinarska stanica* 41 (6) (2010) 483\_491. (Croatian)
12. K. Šandor, S. Terzić, M. Andrišić, I. Žarković, Mjerna nesigurnost rezultata analize sadržaja florfenikola u otopinama za injekcije (Measurement Uncertainty in the Determination of Florfenicol Concentration in Injection Solutions), *Veterinarska stanica* 40 (6) (2009) 353\_359. (Croatian)
13. S. Terzić, N. Bilandžić, L. Jemeršić, V. Logomerac, Ž. Cvetnić, K. Šandor, N. Oršolić, I. Valpotić, Immunoglobulins in Pigs Vaccinated with a Subunit E2 and an Attenuated C Strain Vaccine against Classical Swine

Fever, Acta Veterinaria 59 (2009) 489\_501. (English)

14. S. Terzić, N. Oršolić, L. Šver, L. Jemeršić, Ž. Cvetnić, I. Valpotić, V. Logomerac, K. Šandor, I. Bašić, In Vitro Proliferation of Lymphocytes Derived from Pigs Vaccinated against Classical Swine Fever, Periodicum Biologorum 109 (2007) 165\_171. (English)

#### **Journals papers \_ Professional papers**

1. S. Terzić, K. Šandor, M. Andrišić, I. Žarković, E. Perak, Krivotvoreni veterinarsko\_medicinski proizvodi: potencijalna opasnost (Counterfeit Veterinary Medicinal Products \_ a Potential Threat), Veterinarska stanica 42 (2) (2011) 175\_180. (Croatian)

2. I. Žarković, M. Andrišić, K. Šandor, E. Perak, S. Terzić, Kontrola kvalitete veterinarsko\_medicinskih proizvoda u HVI\_u (Quality Control of Veterinary Medicinal Products at the Croatian Veterinary Institute), Veterinarska stanica 42 (3) (2011) 263\_268. (Croatian)

3. M. Andrišić, I. Žarković, K. Šandor, S. Terzić, Najčešće primjedbe pri procjeni dokumentacije o veterinarsko\_medicinskim proizvodima (The Most Common Complaints on Documentation of Veterinary Medicinal Products), Veterinarska stanica 41 (4) (2010) 349\_355. (Croatian)

4. S. Terzić, K. Šandor, I. Žarković, M. Andrišić, Veterinarsko\_medicinski proizvodi kontrolirani u Hrvatskom veterinarskom institutu tijekom 2008. godine (Quality Control of Veterinary Medicines in the Croatian Veterinary Institute in 2008), Veterinarska stanica 40 (4) (2009) 225\_233. (Croatian)

#### **Conference abstracts \_ Abstracts in proceedings and journals**

1. J. Pleadin, A. Vulić, N. Perši, S. Terzić, M. Andrišić, I. Žarković, K. Šandor, E. Perak, Comparison of Ractopamine Accumulation in Tissues on Days after Treatment, Abstracts of the Congress of the European Societies of Toxicology, Toxicology Letters 211(2012) S53\_S54. (poster, English)

2. M. Andrišić, I. Žarković, K. Šandor, S. Terzić, Procjena dokumentacije za izradu izvješća u svrhu odobrenja za stavljanje u promet veterinarsko\_medicinskih proizvoda u Republici Hrvatskoj (Assessment Report of Veterinary Medicinal Products Dossier for Marketing Authorisation in Croatia), Veterinarska znanost i struka: zbornik sažetaka, Veterinarski fakultet Sveučilišta u Zagrebu (2009) 126\_127. (poster, Croatian)

3. K. Šandor, S. Terzić, M. Andrišić, I. Žarković, Određivanje sadržaja amoksicilin trihidrata u injekcijskim suspenzijama HPLC metodom (Determination of Amoxicillin Trihydrate in Suspensions for Injection by HPLC Method), Veterinarska znanost i struka: zbornik sažetaka, Veterinarski fakultet Sveučilišta u Zagrebu (2009) 56\_57. (lecture, Croatian)

4. I. Žarković, M. Andrišić, K. Šandor, S. Terzić, Kontrola kvalitete veterinarsko\_medicinskih proizvoda u Hrvatskom veterinarskom institutu (Quality Control of the Veterinary Medicinal Products at the Croatian Veterinary Institute), Veterinarska znanost i struka: zbornik sažetaka, Veterinarski fakultet Sveučilišta u Zagrebu (2009) 164\_165. (poster, Croatian)

5. V. Petrović, K. Šandor, S. Tomić, Syntheses and Enzymic Hydrolyses of O\_acyl Derivatives of Methyl  $\alpha$ \_D\_galactopyranosides, 1st Central European Chemical Meeting, Book of Abstracts, Varaždin (2000) 36\_37. (poster, English)

#### **Conference abstracts \_ Other conference submissions**

1. S. Tomić, V. Petrović\_Peroković, M. Matanović, K. Šandor, Intramolecular Transesterification of Pivaloylated Monosaccharides, 11th European Carbohydrate Symposium, Book of Abstracts, Lisbon, Portugal (2001). (English)

#### **Conference proceedings papers \_ Scientific conference proceedings papers**

1. S. Terzić, L. Jemeršić, B. Roić, K. Šandor, Changes in wCD21 + Lymphocyte Subpopulation after Vaccination against Classical Swine Fever (C Strain), Proceedings 22nd IPVS Congress, Jeju, Južna Koreja (2012) 488\_488. (poster, English)

2. K. Šandor, S. Terzić, V. Logomerac Šimunec, Sample Preparation and Liquid Chromatographic Determination of Florfenicol in Pig Plasma, Proceedings 22nd IPVS Congress, Jeju, Južna Koreja (2012) 523\_523. (poster, English)

3. S. Terzić, N. Bilandžić, L. Jemeršić, V. Logomerac, N. Oršolić, K. Šandor, Immunoglobulins in Pigs Vaccinated against Classical Swine Fever, Proceedings the 20th IPVS Congress, Durban, Južnoafrička Republika (2008) 169\_169. (poster, English)

4. V. Logomerac, S. Terzić, K. Šandor, Determination of Florfenicol in Plasma of Pigs by High Performance Liquid Chromatography, Proceedings 20th IPVS Congress, Durban, Južnoafrička Republika (2008) 482\_482. (poster, English)

#### **Conference proceedings papers \_ Professional conference proceedings papers**

1. Terzić Svjetlana; Šandor Ksenija; Andrišić Miroslav; Žarković Irena; Vujnović Anja: Krivotvoreni veterinarsko\_medicinski proizvodi (Counterfeit Veterinary Medicinal Products), 6th Croatian Veterinary Congress with international participation Opatija, Zbornik radova, Ivica Harapin (ur.), Hrvatska veterinarska komora, Veterinarski fakultet u Zagrebu, 2016. 55\_61. (Croatian)

#### **Theses \_ Doctoral dissertation**

1. Šandor Ksenija (2012): Distribucija florfenikola u tjelesnim tekućinama svinje nakon intramuskularne primjene (Distribution of Florfenicol in Pig Body Fluids after Intramuscular Administration), Zagreb, Prirodoslovno\_matematički fakultet, 30. 11. 2012. (Croatian)

#### **Theses \_ Graduation thesis**

1. Šandor Ksenija (2000): Sinteze i transformacije o\_acilnih derivata metil\_ $\alpha$ \_D\_galaktopiranozida (Syntheses and Transformations of O\_acyl Derivatives of Methyl  $\alpha$ \_D\_Galactopyranoside), Zagreb, Prirodoslovno\_matematički fakultet, 25.09.2000. (Croatian)

#### **Projects**

2007-2013

Participant in the scientific project (Ministry of science, education and sport): "The effects and transformation of veterinary drugs and vaccines in the body".

## Memberships

Member: The Joint Committee for Medicinal Products for Human Use/Committee for Medicinal Products for Veterinary Use Quality Working Party (QWP) Alternate: The Coordination Group for Mutual Recognition and Decentralised Procedures \_ Veterinary (CMDv)

## Other Relevant Information