



**PERSONAL INFORMATION** **Michele Drigo**

 **Affiliation**  
 University of Padova  
 Department of Animal Medicine, Production and Health

  **State personal website(s)**

Sex Male | Date of birth | Nationality

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input checked="" type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

**WORK EXPERIENCE**

February 2022 -Present Full Professor (Scientific-disciplinary field: VET/05 - Infectious Diseases of Domestic Animals) at the Department of Animal Medicine, Production and Health, University of Padua.

July 2020 – Present Director of the Specialization School in Animal Health, Breeding and Livestock Products of the University of Padua.

January 2018 – February 2022 Associate Professor (Scientific-disciplinary field: VET/05 - Infectious Diseases of Domestic Animals) at the Department of Animal Medicine, Production and Health, University of Padua.

January 2017 – Present Head of diagnostic activity of infectious diseases of swine - MAPS Department

March 2014 – March 2019 Board member of the Italian Society of swine pathology and farming (SIPAS)

March 2006 – December 2017 Researcher at the Veterinary Medicine Faculty (Scientific-disciplinary field: VET/05 - Infectious Diseases of Domestic Animals), University of Padua.

July 2005 – February 2006 Post-doctorate scholarship on: “Geostatistical tools development in *open source* environment to be used in veterinary epidemiological surveillance”, Department of Public Health, Comparative Pathology and Veterinary Hygiene, University of Padua

March – April 2005 Scholarship for researching activity on: “Analysis of the risk factors for the introduction of the Avian Influenza virus in the poultry flocks in Veneto Region” at Department of Public Health, Comparative Pathology and Veterinary Hygiene, University of Padua.

**EDUCATION AND TRAINING**

April 2019 Master Degree in Biostatistics and Epidemiological Methodology, University of Pavia

April 2005 “Doctor in Philosophy” (PhD) in “Public Health, Veterinary and Livestock Products Hygiene - Veterinary Medicine Faculty, University of Padova (Italy); Final dissertation: “Geographic Information Systems and spatial analysis in veterinary epidemiology: study of the High Pathogenic Avian Influenza epidemic in Veneto e Lombardy Region (1999-2000)”.

July 2001 Doctor in Veterinary Medicine (DVM) - Veterinary Medicine Faculty, University of Padua (Italy).

**WORK ACTIVITIES**

Awards

May 2002	Winner of the prize “Benvenuto in SIVAR” at the 4th SIVAR National Congress, swine section, intended for theses presented in year 2001.
Editorial activity	<ul style="list-style-type: none"> <li>- Special Issue “Porcine Circovirus Infections” Editor – Pathogens Journal (ISSN 2076-0817).</li> <li>- Special Issue “Advances in circoviruses” Editor – Pathogens Journal (ISSN 2076-0817).</li> </ul> Reviewer for the following scientific journals: Viruses, Journal of Virological Methods, Journal of General Virology, Journal of Veterinary Research, BMC Veterinary research, Research in Veterinary Science, Open Veterinary Journal, PLOS one, Veterinary Microbiology, Parasites and vectors.
Invited presentations	<ul style="list-style-type: none"> <li>– Porcine Reproductive and Respiratory Syndrome in the past, the present and the future. Webinar SIPAS “PRRSV and sequencing: criteria, opportunities and good practices”, 3 December 2020.</li> <li>– Effect of early PRRSV (Porcine Reproductive and Respiratory Syndrome virus) vaccination on pig health and performance: the earlier the better? ESPHM. 11th European Symposium on Porcine Health Management, 22-24 May 2019 Utrecht, The Netherlands.</li> <li>– Epidemiology and pathogenetic role of pathogens in the Porcine Respiratory Disease Complex. 21° SIVAR International Congress, Palazzo Trecchi, 15-17 May 2019, Cremona, Italy</li> <li>– Field trials in Europe: the Italian experience. Zoetis Satellite Symposium: “Shaping the future”, 8 May 2018 Barcelona, Spain.</li> <li>– Porcine Reproductive and Respiratory Syndrome control. XL Annual Meeting of the Italian Society of swine pathology and farming (SIPAS), 27-28 March 2014, Montichiari, Italy.</li> <li>– Evaluation of the effectiveness of an acclimatization programme to control porcine reproductive and respiratory syndrome (PRRS) in farm of an endemically infected area of North-Eastern Italy. EUROPRRS2011 COST FA902 “Understanding and combating PRRS in Europe” 12-14 October 2011 Novisad, Serbia.</li> </ul>
Grants	<ul style="list-style-type: none"> <li>– Research project: “<i>Breaking down airborne SARS-CoV-2 spreading in public places with safe ultraviolet irradiation (BreakSpread)</i>,” Founded by Fondazione Cassa di Risparmio di Padova e Rovigo. Progetti di Ricerca sul COVID-19 (100.000,00 euro) - Co-Principal Investigator. Period: May 2020 - May 2022.</li> <li>– Research project: “<i>COVID-19 and companion animals: assessment of the SARS-CoV-2 epidemic impact at the human-animal interface</i>” Founded by MAPS Department (24.000,00 euro) - Principal Investigator. Period: September 2020 - August 2022.</li> <li>– Research project: “<i>Impact of the antimicrobials use in swine production: antimicrobial resistance and environmental residual assessment</i>” Founded by Italian Ministry of Health (15.000,00 euro) - Co-Principal Investigator. Period: September 2015 - August 2018.</li> </ul>
Patents	

## PERSONAL SKILLS

Mother tongue(s) **Italian**

Other language(s) **English**

Job-related skills

Good scientific communication skill. Attitude to team working and problem solving.  
 Extensive knowledge on the epidemiology and prevention of infection in the veterinary field.  
 Epidemiological study design applied to infectious animal diseases, zoonoses and veterinary clinical pathology. Epidemiological methods: ecological, descriptive, analytical, observational study and experimental design.  
 Geographic Information Systems and spatial analysis in veterinary epidemiology and their application in the study of vector borne diseases.  
 Monitoring of Antimicrobial resistance in the swine farming and in the related environment.  
 Risk assessment in veterinary public health  
 Wild animal population surveillance  
 Molecular epidemiology of viral pathogen and study of their evolutionary forces.

Digital skills Very good competence in Microsoft Office  
Very good competence in statistical software as SPSS and STATA

#### ADDITIONAL INFORMATION

Statement of Research Interests The research interests include epidemiological studies applied to surveillance and control of infectious animal diseases and zoonoses. Specifically the research was related to:

- Emerging and re-emerging viral infections (including epidemiology, genetics, pathogenesis, and diagnosis of emerging viral pathogens) in swine, companion animals (dog and cat) and wild populations.
- COVID-19 and companion animals: assessment of the SARS-CoV-2 epidemic impact at the human-animal interface.
- Impact of the use of antimicrobials in intensive pig farming in the contribution to antimicrobial resistance, including environmental resistance.

Publications total number of publications in peer-review journals: 103  
total Impact Factor (IF) (average IF/paper): 240; 2,45/paper  
total number of citations: 1588  
H index (Scopus): 22

22/03/2023

Organizzazione: UNIVERSITA' DEGLI STUDI DI PADOVA

Luogo:  
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