

PERSONAL INFORMATION

Michele Drigo



Affiliation

University of Padova

Department of Animal Medicine, Production and Health

Viale dell'Università 16, 35020 Legnaro (PD)



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 Padova.
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 <i>open source</i> 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"> - Special Issue “Porcine Circovirus Infections” Editor – Pathogens Journal (ISSN 2076-0817). - Special Issue “Advances in circoviruses” Editor – Pathogens Journal (ISSN 2076-0817). <p>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.</p>
Invited presentations	<ul style="list-style-type: none"> - Suini e salute – efficacia della vaccinazione e strategie vincenti nei protocolli di profilassi. Webinar FNOVI 31 October 2024, Italy - 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. - 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. - Epidemiology and pathogenetic role of pathogens in the Porcine Respiratory Disease Complex. 21° SIVAR International Congress, Palazzo Trecchi, 15-17 May 2019, Cremona, Italy - Field trials in Europe: the Italian experience. Zoetis Satellite Symposium: “Shaping the future”, 8 May 2018 Barcelona, Spain. - 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. - 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.
Grants	<ul style="list-style-type: none"> - EUP_AHW - European Partnership Animal health and Welfare”, (Horizon-COFUND - Call HORIZON-CL6-2023-FARM2FORK-01); UNIPD Reference person for SOA11 “<i>Knowledge on priority pathogens, infectious diseases and their detection methods – KNOW-PATH</i>” – European Partnership on Animal Health and Welfare. Budget totale finanziato: 2.500.000€. Budget Università degli Studi di Padova: 172.625€. - PE13 PNRR Fondazione INF-ACT “<i>One Health Basic and translational Research Actions addressing Unmet Needs on Emerging Infectious Diseases</i>” – Spoke 4: <i>Epidemiology, Monitoring and Modelling (Epi-Mod)</i>, task leader; - 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. - 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. - 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.
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: 120
 total number of citations: 2390
 H index (Scopus): 27

Legnaro, 19/05/2025

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