

Fabrizio Ceciliani

Curriculum vitae



Education

1988 Degree in Veterinary Medicine, (full marks with honors) University of Milano
1994 PhD Degree in Biochemistry
1997 Post Doc in Molecular Biology

License to practice

1988 License to practice in veterinary medicine

Professional activities

1988-1989 Fellowship at the Institute of Veterinary Physiology and Biochemistry – University of Milano
1989-1990 Italian Army – Officer Veterinarian Army Corp
1989-1993 PhD Fellowship – University of Milano
1993-1994 Fellowship at the Institute of Veterinary Physiology and Biochemistry – University of Milano
1994-1997 Post-Doc University of Milan – University of Pavia
1997-2001 Assistant technician – University of Milano
1998 Research Fellowship – NIH – Bethesda
2001- 2014 Researcher in Veterinary Pathology - University of Milano
2015- 2020 Associated Professor in Veterinary Pathology – University of Milano
2020 Visiting Researcher INRAe - Clermont Ferrand –
2021 – Full Professor in Veterinary Pathology – University of Milano

Teaching activities: courses held at the University of Milan

Master in Veterinary Biotechnological Sciences
- Pathophysiology
- Molecular pathology of the Central Nervous System
- Molecular pathogenesis of viral diseases

Teaching activities: Supervision activities

Supervisor of more than 50 master and bachelor thesis in Veterinary Medicine and Veterinary Biotechnological Sciences
Supervisor and co-supervisor of 15 PhD students

Academic Duties

Coordinator of the PhD program in Veterinary and Animal Sciences

Scientific and professional associations

Italian Society of Veterinary Pathologists
American Dairy Science Association

Editing activity

Editor in Chief

- Veterinary Research Communications

Associated Editor

- BMC-Veterinary Research –Clinical pathology, physiology and immunology
- Frontiers in Immunology – Comparative Immunology.

Member of the Editorial Board of

- Frontiers in Veterinary Science Review Editor - Veterinary Experimental and Diagnostic. Pathology
- Veterinary Immunology and Immunopathology
- Current Protein and Peptide Science
- Current Proteomics

Publications (Scopus)

- 158 papers
- h index: 34
- List of publications <https://pubmed.ncbi.nlm.nih.gov/?term=ceciliani+f&sort=date>

Grants

- EU Grant “MEDGOAT Goat farming systems characterization and novel strategies to sustain production in the changing climate scenario in the Mediterranean regions” 2023-2026
- Action KA-107 Mobility Erasmus Italy – Kazakhstan – Coordinator – 2018- 2022
- EU Grant “MILKQUA: Milk quality along the milk chain for a sustainable milk”. 2018- 2023 <http://milkqua.eu/>
- Swedish Research council: “Climate change mitigation by a sustainable water buffalo dairy chain in Bangladesh” 2018-03583 - 2018-2024
- EU Grant INTERREG IV C –“FoBoS: Sharing molecular techniques for food pathogen detection” 2010- 2011
- H2020-MSCA- ITN-2017- EJD: Marie Skłodowska-Curie Innovative Training Networks (European Joint Doctorate) – Grant agreement n°: 765423 – MANNA – Molecular Animal Nutrition . 2018-2023 <http://www.phd4manna.eu/>.
- Vigoni program: German- – Italian Ateneum “The Acute Phase Protein expression in bovine adipose tissue: 2012 – 2014
- MIUR-DAAD Joint Mobility-Program “Innovative Biomarkers for metabolic Stress in large dairy ruminants”. 2016-2018
- MIUR-DAAD Joint Mobility Program - "Comparative investigations into lactation-induced metabolic stress in dairy cattle (*Bos taurus*) and in water buffaloes (*Bubalus bubalis*) aiming at establishing new biomarkers for metabolic health: continuation and expansion of the project" - 2018-2020
- COST “Farm Animal Proteomics” – Coordinator Working Group 1 – Proteomic and animal health: 2010- 2014
- Project MIPAAF – EXPO Milano 2015 - Feed for Wellbeing –.
- Finanziamenti Ricerca Corrente Istituto Zooprofilattico

- Uso di tecniche biomolecolari e citofluorimetriche per lo studio dell'innocuità e dell'efficacia dei diversi vaccini marker IBR nella specie bufalina. 2020-2022
- Sviluppo di metodiche molecolari e citofluorimetriche avanzate per la diagnosi di tubercolosi nel bufalo. 2019-2021
Sviluppo di un sistema di valutazione dell'efficacia dello stordimento in suini, conigli, tacchini e polli da carne. 2013-2015
- Il microbiota animale nel controllo delle infezioni da batteri multi antibiotico resistenti. 2015-2017
- Studio sulla specificità del test di intradermoreazione nella specie bufalina (*Bubalus bubalis*): agenti microbici interferenti e meccanismi immunitari coinvolti. 2015-2017

Research interests

- System biology (metabolomics/lipidomics, transcriptomics, proteomics, miRNAomics, microbiomics) applied to animal diseases and welfare Innate Immunity in livestock
 - Interaction between the microbiota and immune defenses
 - Post Translational modifications of proteins during diseases
 - Livestock metabolic diseases
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