

# *Curriculum vitae*

Paolo Moroni

Associate Professor, Department of Veterinary Medicine, Faculty of Veterinary Medicine,  
University degli Studi di Milano, Italy

Director of QMPS Ithaca, Senior Extension Associate of the Quality Milk Production  
Services, Animal Health Diagnostic Center, College of Veterinary Medicine, Cornell University

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|---------------|--|
| 2010- 2013    | Associate Director, Sr. Research Associate QMPS Ithaca, College of<br>Veterinary Medicine, Cornell University, Ithaca, NY                              |
| 2011- 2013    | Sr. Research Associate Director of Regional Ithaca Laboratory QMPS,<br>College of Veterinary Medicine, Cornell University, Ithaca, NY                  |
| 2013- current | Sr. Extension Associate Director of Regional Ithaca Laboratory QMPS,<br>QMPS Ithaca, College of Veterinary Medicine, Cornell University, Ithaca,<br>NY |

## **Professional Experience**

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| 1993 – 1994 | Veterinary practitioner  |
| 1995 – 1995 | Fellowship at Istituto Zooprofilattico Sperimentale delle Venezie, Verona,<br>Italy (dr. Gaddo Vicenzoni)                            |
| 1995 – 1996 | Fellowship at Bundesanstalt für Milchforschung, Kiel, Germany (prof.<br>Hamann)  |
| 1996        | Fellowship at Zentrumsabteilung für Hygiene und Technologie der Milch,<br>Tierärztliche Hochschule, Hannover, Germany (prof. Hamann) |

1998-2001	Researcher, Institute of Infectious Diseases, Prophylaxy and Veterinary Legislation, Faculty of Veterinary Medicine, Università degli Studi of Milano, Italy
2001-2011	Senior Researcher, Institute of Infectious Diseases, Prophylaxy and Veterinary Legislation, Faculty of Veterinary Medicine, Università degli Studi of Milano, Italy),
2011-current	Associate Professor, Institute of Infectious Diseases, Prophylaxy and Veterinary Legislation, Faculty of Veterinary Medicine, Università degli Studi of Milano, Italy)
2010- 2013	Associate Director, Sr. Research Associate QMPS Ithaca, College of Veterinary Medicine, Cornell University, Ithaca, NY
2011- current	Director of Regional Ithaca Laboratory QMPS, College of Veterinary Medicine, Cornell University, Ithaca, NY
2013- current	Director of Regional Ithaca Laboratory QMPS, Sr. Extension Associate QMPS Ithaca, College of Veterinary Medicine, Cornell University, Ithaca, NY

## **Specialty Certification**

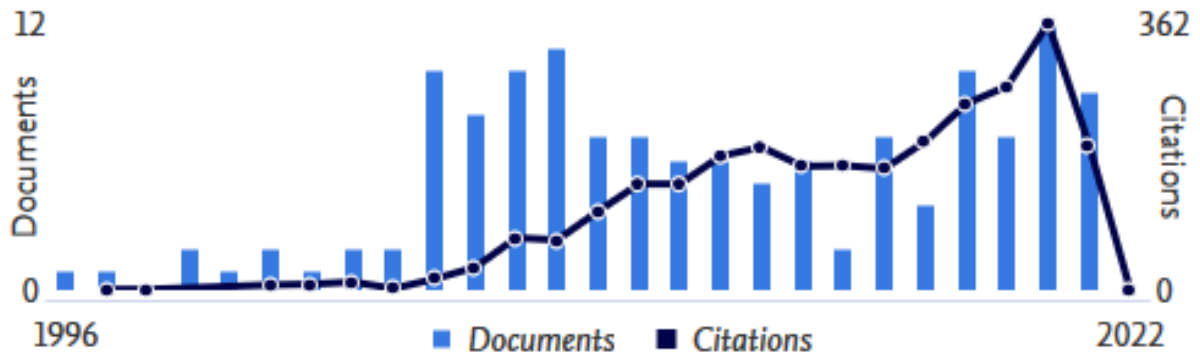
Diplomate at European College of Bovine Health Management	2007-current
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## **Panel of Expert**

Mastitis Research Workers (MRW USA)	2010-current
European Mastitis Panel	2006-current
Danish group for reduction of antibiotics in dairy farm	2017-current
Consorzio of Parmigiano Reggiano for selective dry treatment	2018-current

## Scopus profile (update 20 luglio 2021)

### Document & citation trends

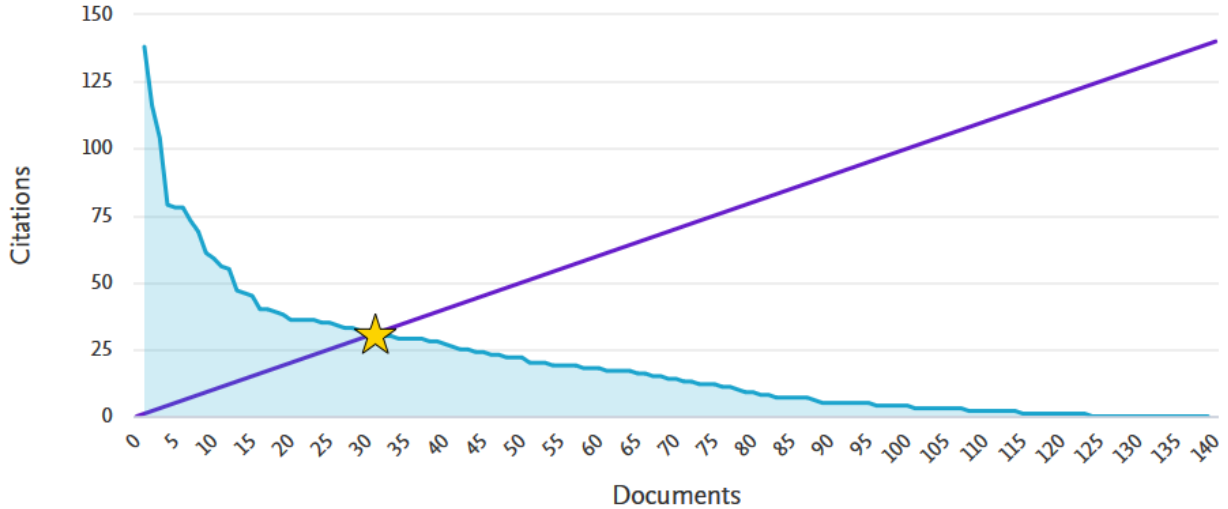


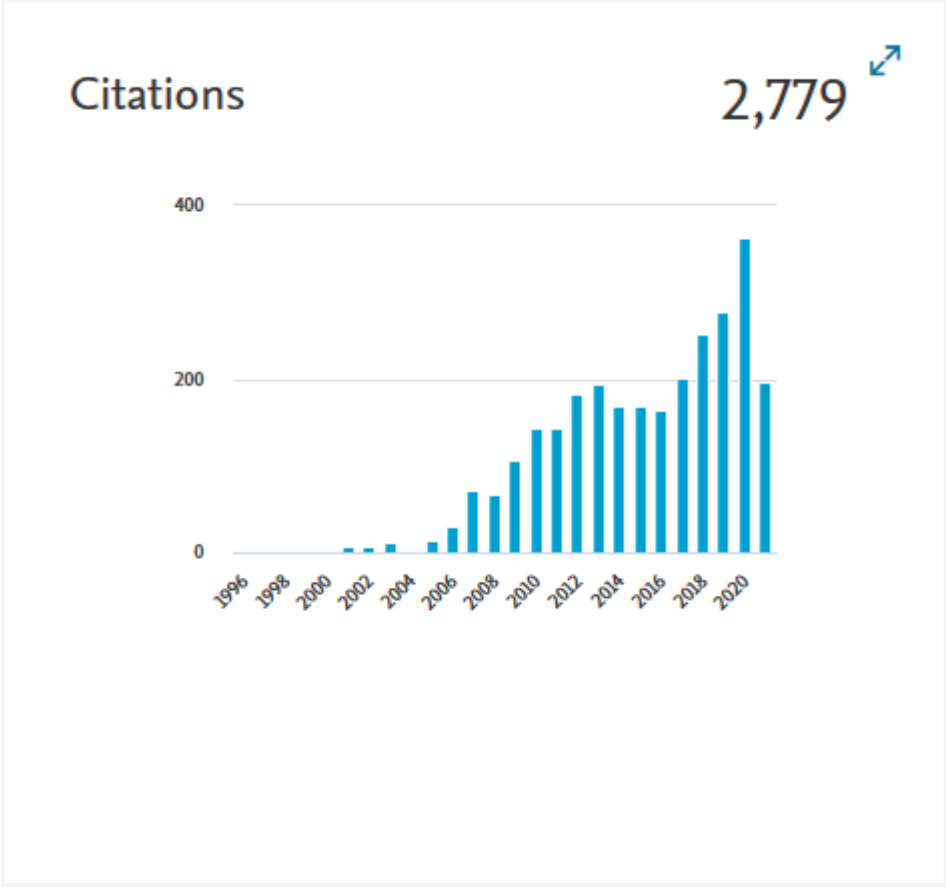
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### This author's *h*-index

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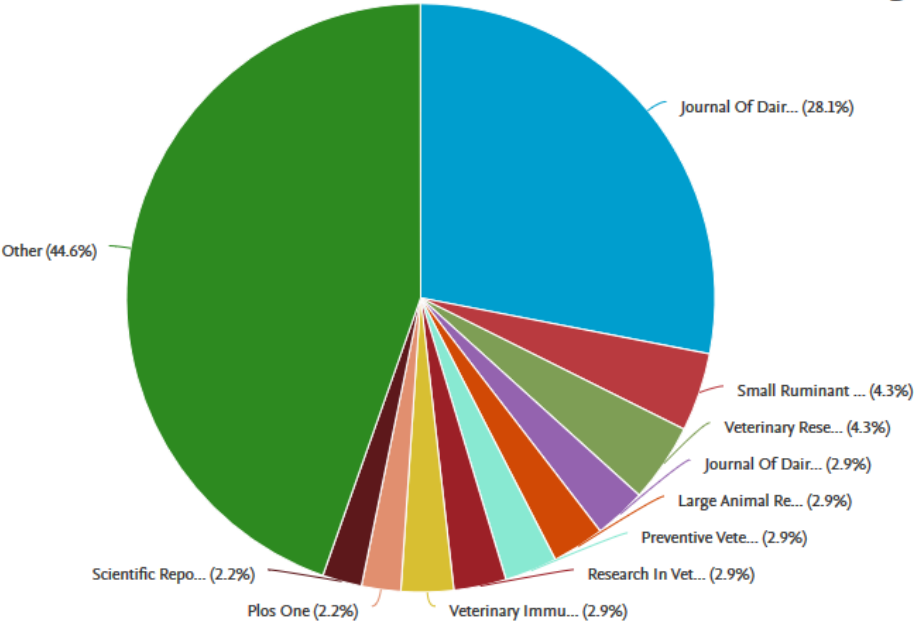
The *h*-index is based upon the number of documents and number of citations.





Documents by source

139



## List of Peer Review 2014-2021

- 1 Gioia G, Addis MF, Santisteban C, Gross B, Nydam DV, Sipka AS, Virkler PD, Watters RD, Wieland M, Zurakowski MJ, **Moroni P**. Mycoplasma species isolated from bovine milk collected from US dairy herds between 2016 and 2019. *J Dairy Sci.* 2021 Apr;104(4):4813-4821. doi: 10.3168/jds.2020-19171. Epub 2021 Feb 19. PMID: 33612245.
- 2 Wemette M, Greiner Safi A, Wolverson AK, Beauvais W, Shapiro M, **Moroni P**, Welcome FL, Ivanek R. Public perceptions of antibiotic use on dairy farms in the United States. *J Dairy Sci.* 2021 Mar;104(3):2807-2821. doi: 10.3168/jds.2019-17673. Epub 2021 Jan 15. PMID: 33455793.
- 3 Sipka A, Wieland M, Biscarini F, Rossi RM, Roman N, Santisteban C, **Moroni P**, Nydam DV. Short communication: Comparative performance of 3 on-farm culture systems for detection of mastitis pathogens interpreted by trained and untrained observers. *J Dairy Sci.* 2021 Apr;104(4):4936-4941. doi: 10.3168/jds.2020-19166. Epub 2021 Feb 19. PMID: 33612204.
- 4 Capoferri R, Cremonesi P, Castiglioni B, Pisoni G, Roccabianca P, Riva F, Filipe J, Del Corvo M, Stella A, Williams JL, Rupp R, **Moroni P**. Comparison of the response of mammary gland tissue from two divergent lines of goat with high and low milk somatic cell scores to an experimental *Staphylococcus aureus* infection. *Vet Immunol Immunopathol.* 2021 Apr;234:110208. doi: 10.1016/j.vetimm.2021.110208. Epub 2021 Feb 19. PMID: 33640660.
- 5 Llanos-Sotoa S., Vezeau N., Wemette M, Buluta E, Greiner Safia, **Moroni P**, Shapiro MA, Ivanek R. Perceptions and attitudes of veterinarians about antibiotic use and resistance on dairy cattle farms: an international survey. *Preventive Veterinary Medicine*
- 6 Gioia G, Addis MF, Goodman LB, Mitchell PK, Thompson B, Goodrich E, **Moroni P**. Draft Genome Sequence of *Acholeplasma laidlawii* Isolated from the Conjunctiva of a Heifer with Infectious Bovine Keratoconjunctivitis. *Microbiol Resour Anounc.* 2021 Jan 28;10(4):e01345-20. doi: 10.1128/MRA.01345-20. PMID: 33509992; PMCID:PMC7844077.
- 7 Calonzi D, Romano A, Monistero V, **Moroni P**, Luini MV, Biscarini F, Castiglioni B, Cremonesi P. Technical note: Development of multiplex PCR assays for the molecular characterization of *Streptococcus uberis* strains isolated from bovine mastitis. *J Dairy Sci.* 2020 Jan; 103(1):915-921. doi: 10.3168/jds.2019-16823. Epub 2019 Nov 6. PMID: 31704014.
- 8 Scillieri Smith JC, **Moroni P**, Santisteban CG, Rauch BJ, Ospina PA, Nydam DV. Distribution of *Lactococcus* spp. in New York State dairy farms and the association of somatic cell count resolution and bacteriological cure in clinical mastitis samples. *J Dairy Sci.* 2020 Feb; 103(2):1785-1794. doi:10.3168/jds.2018-16199. Epub 2019 Dec 19. PMID: 31864733.
- 9 Puggioni GMG, Tedde V, Uzzau S, Guccione J, Ciaramella P, Pollera C, **Moroni P**, Bronzo V, Addis MF. Relationship of Late Lactation Milk Somatic Cell Count and Cathelicidin with Intramammary Infection in Small Ruminantse. *Pathogens* 2020 9:37 doi: 10.3390/pathogens9010037
- 10 Cremonesi P, Monistero V, **Moroni P**, Barberio A, Almeida R, Latorre A, Castiglioni B. Main Pathogens Detected in Milk. Reference Module in Food Sciences <https://doi.org/10.1016/B978-0-08-100596-5.22977-6>
- 11 Monistero V, Barberio A, Biscarini F, Cremonesi P, Castiglioni B, Graber HU, Bottini E, Ceballos-Marquez A, Kroemker V, Petzer IM, Pollera C, Santisteban C, Veiga Dos Santos M, Bronzo V, Piccinini R, Re G, Cocchi M, **Moroni P**. Different distribution of antimicrobial resistance genes and virulence profiles of *Staphylococcus aureus* strains isolated from clinical mastitis in six countries. *J Dairy Sci.* 2020 Apr;103(4):3431-3446. doi: 10.3168/jds.2019-17141. Epub 2020 Jan 31. PMID: 32008788.

- 12 Tallmadge RL, Anderson R, Mitchell PK, Forbes ZC, Werner B, Gioia G, **Moroni P**, Glaser A, Thachil AJ, Goodman LB. Characterization of a novel *Mycoplasma cynos* real-time PCR assay. *J Vet Diagn Invest.* 2020 Nov; 32(6):793-801. doi: 10.1177/1040638719890858. Epub 2019 Nov 21. PMID: 31752630; PMCID: PMC7206559.
- 13 Bronzo V, Lopreiato V, Riva F, Amadori M, Curone G, Addis MF, Cremonesi P, **Moroni P**, Trevisi E, Castiglioni B. The Role of Innate Immune Response and Microbiome in Resilience of Dairy Cattle to Disease: The Mastitis Model. *Animals (Basel).* 2020 Aug 11;10(8):1397. doi: 10.3390/ani10081397. PMID: 32796642; PMCID: PMC7459693.
- 14 Hoekstra J, Zomer AL, Rutten VPMG, Benedictus L, Stegeman A, Spaninks MP, Bennedsgaard TW, Biggs A, De Vlieghe S, Mateo DH, Huber-Schlenstedt R, Katholm J, Kovács P, Krömker V, Lequeux G, **Moroni P**, Pinho L, Smulski S, Supré K, Swinkels JM, Holmes MA, Lam TJGM, Koop G. Genomic analysis of European bovine *Staphylococcus aureus* from clinical versus subclinical mastitis. *Sci Rep.* 2020 Oct 23;10(1):18172. doi: 10.1038/s41598-020-75179-2. PMID: 33097797; PMCID: PMC7584570.
- 15 Wemette M, Safi AG, Beauvais W, Ceres K, Shapiro M, **Moroni P**, Welcome FL, Ivanek R. New York State dairy farmers' perceptions of antibiotic use and resistance: A qualitative interview study. *PLoS One.* 2020 May 27;15(5):e0232937. doi: 10.1371/journal.pone.0232937. PMID: 32459799; PMCID: PMC7252592.
- 16 Kumar R, Register K, Christopher-Hennings J, **Moroni P**, Gioia G, Garcia- Fernandez N, Nelson J, Jelinski MD, Lysnyansky I, Bayles D, Alt D, Scaria J. Population Genomic Analysis of *Mycoplasma bovis* Elucidates Geographical Variations and Genes associated with Host-Types. *Microorganisms.* 2020 Oct 10;8(10):1561. doi: 10.3390/microorganisms8101561. PMID: 33050495; PMCID: PMC7650767.
- 17 Biscarini F, Cremonesi P, Castiglioni B, Stella A, Bronzo V, Locatelli C, **Moroni P**. A Randomized Controlled Trial of Teat-Sealant and Antibiotic Dry-Cow Treatments for Mastitis Prevention Shows Similar Effect on the Healthy Milk Microbiome. *Front Vet Sci.* 2020 Sep 2;7: 581. doi: 10.3389/fvets.2020.00581. PMID: 32984415; PMCID: PMC7492605.
- 18 Mann S, Curone G, Chandler TL, **Moroni P**, Cha J, Bhawal R, Zhang S. Heat treatment of bovine colostrum: I. Effects on bacterial and somatic cell counts, immunoglobulin, insulin, and IGF-I concentrations, as well as the colostrum proteome. *J Dairy Sci.* 2020 Oct; 103(10):9368-9383. doi: 10.3168/jds.2020-18618. Epub 2020 Aug 20. PMID: 32828510.
- 19 Puggioni GMG, Tedde V, Uzzau S, Guccione J, Ciaramella P, Pollera C, **Moroni P**, Bronzo V, Addis MF. Evaluation of a bovine cathelicidin ELISA for detecting mastitis in the dairy buffalo: Comparison with milk somatic cell count and bacteriological culture. *Res Vet Sci.* 2019 Nov 21;128:129-134. doi: 10.1016/j.rvsc.2019.11.009. [Epub ahead of print] PubMed PMID: 31783263.
- 20 Calonzi D, Romano A, Monistero V, **Moroni P**, Luini MV, Biscarini F, Castiglioni B, Cremonesi P. Technical note: Development of multiplex PCR assays for the molecular characterization of *Streptococcus uberis* strains isolated from bovine mastitis. *J Dairy Sci.* 2019 Nov 5. pii: S0022-0302(19)30962-2. doi: 10.3168/jds.2019-16823. [Epub ahead of print] PubMed PMID: 31704014.
- 21 Pisanu S, Cacciotto C, Pagnozzi D, Puggioni GMG, Uzzau S, Ciaramella P, Guccione J, Penati M, Pollera C, **Moroni P**, Bronzo V, Addis MF. Proteomic changes in the milk of water buffaloes (*Bubalus bubalis*) with subclinical mastitis due to intramammary infection by *Staphylococcus aureus* and by non-aureus staphylococci. *Sci Rep.* 2019 Nov 1;9(1):15850. doi: 10.1038/s41598-019-52063-2. PubMed PMID: 31676851; PubMed Central PMCID: PMC6825138.
- 22 Filipe J, Bronzo V, Curone G, Castiglioni B, Vigo D, Smith B, Herrera V, Roccabianca P, **Moroni P**, Riva F. *Staphylococcus aureus* intra-mammary infection affects the expression pattern of IL-R8 in goat. *Comp Immunol Microbiol Infect Dis.* 2019 Oct;66:101339. doi: 10.1016/j.cimid.2019.101339. Epub 2019 Jul 30.

PubMed PMID: 31437679.

23 Amadori M, Addis MF, Bronzo V, Castiglioni B, **Moroni P**, Piccinini R. A reply to the comment on "control of bovine mastitis in the 21st century: Immunize or tolerize?" by Fernando N. Souza and co-workers. *Res Vet Sci*. 2019 Oct;126:1-3. doi: 10.1016/j.rvsc.2019.08.013. Epub 2019 Aug 8. PubMed PMID: 31415927.

24 Barberio A, Mazzolini E, Dall'Ava B, Rosa G, Brunetta R, Zandonà L, Drigo I, Moschioni C, Guolo A, Bonamico S, Busa A, Segalin C, Biasio L, **Moroni P**, Agnoletti F. A Longitudinal Case Study on Dissemination of ST398 Methicillin-Resistant *Staphylococcus aureus* Within a Dairy Cow Herd. *Foodborne Pathog Dis*. 2019 Jun 21. doi: 10.1089/fpd.2019.2622. [Epub ahead of print] PubMed PMID: 31225744.

25 Tedde V, Bronzo V, Puggioni GMG, Pollera C, Casula A, Curone G, **Moroni P**, Uzzau S, Addis MF. Milk cathelicidin and somatic cell counts in dairy goats along the course of lactation. *J Dairy Res*. 2019 May;86(2):217-221. doi: 10.1017/S0022029919000335. Epub 2019 Jun 3. PubMed PMID: 31156071.

26 Locatelli C, Barberio A, Bonamico S, Casula A, **Moroni P**, Bronzo V. Identification of Multidrug-Resistant *Escherichia coli* from Bovine Clinical Mastitis Using a Ceftiofur-Supplemented Medium. *Foodborne Pathog Dis*. 2019 Aug;16(8):590-596. doi: 10.1089/fpd.2018.2598. Epub 2019 May 17. PubMed PMID: 31099599.

27 Eraclio G, Ricci G, **Moroni P**, Santisteban C, Plumed-Ferrer C, Bennett J, Fortina MG. Sand bedding as a reservoir for *Lactococcus garvieae* dissemination in dairy farms. *Can J Microbiol*. 2019 Jan;65(1):84-89. doi: 10.1139/cjm-2018-0251. Epub 2018 Sep 18. PubMed PMID: 30226999.

28 Tomazi T, Ferreira GC, Orsi AM, Gonçalves JL, Ospina PA, Nydam DV, **Moroni P**, Dos Santos MV. Association of herd-level risk factors and incidence rate of clinical mastitis in 20 Brazilian dairy herds. *Prev Vet Med*. 2018 Dec 1;161:9-18. doi: 10.1016/j.prevetmed.2018.10.007. Epub 2018 Oct 12. PubMed PMID: 30466663.

29 Cremonesi P, Ceccarani C, Curone G, Severgnini M, Pollera C, Bronzo V, Riva F, Addis MF, Filipe J, Amadori M, Trevisi E, Vigo D, **Moroni P**, Castiglioni B. Milk microbiome diversity and bacterial group prevalence in a comparison between healthy Holstein Friesian and Rendena cows. *PLoS One*. 2018 Oct 24;13(10):e0205054. doi: 10.1371/journal.pone.0205054. eCollection 2018. PubMed PMID: 30356246; PubMed Central PMCID: PMC6200206.

30 Filipe J, Curone G, Bronzo V, Pisoni G, Cremonesi P, Pollera C, Turin L, Vigo D, Roccabianca P, Caniatti M, **Moroni P**, Riva F. Pentraxin 3 is up-regulated in epithelial mammary cells during *Staphylococcus aureus* intramammary infection in goat. *Comp Immunol Microbiol Infect Dis*. 2018 Aug;59:8-16. doi: 10.1016/j.cimid.2018.08.007. Epub 2018 Sep 11. PubMed PMID: 30290890.

31 Monistero V, Graber HU, Pollera C, Cremonesi P, Castiglioni B, Bottini E, Ceballos-Marquez A, Lasso-Rojas L, Kroemker V, Wente N, Petzer IM, Santisteban C, Runyan J, Veiga Dos Santos M, Alves BG, Piccinini R, Bronzo V, Abbassi MS, Said MB, **Moroni P**. *Staphylococcus aureus* Isolates from Bovine Mastitis in Eight Countries: Genotypes, Detection of Genes Encoding Different Toxins and Other Virulence Genes. *Toxins (Basel)*. 2018 Jun 17;10(6). pii: E247. doi: 10.3390/toxins10060247. PubMed PMID: 29914197.

32 Ledet MM, Vasquez AK, Rauner G, Bichoupan AA, **Moroni P**, Nydam DV, Van de Walle GR. The secretome from bovine mammosphere-derived cells (MDC) promotes angiogenesis, epithelial cell migration, and contains factors associated with defense and immunity. *Sci Rep*. 2018 Mar 29;8(1):5378. doi: 10.1038/s41598-018-23770-z. PubMed PMID: 29599438; PubMed Central PMCID: PMC5876384.

33 Bertocchi L, Fusi F, Angelucci A, Bolzoni L, Pongolini S, Strano RM, Ginestreti J, Riuzzi G, **Moroni P**, Lorenzi V. Characterization of hazards, welfare promoters and animal-based measures for the welfare assessment of dairy cows: Elicitation of expert opinion. *Prev Vet Med*. 2018 Feb 1;150:8-18. doi: 10.1016/j.prevetmed.2017.11.023. Epub 2017 Dec 1. PubMed PMID: 29406088.

34 Curone G, Filipe J, Cremonesi P, Trevisi E, Amadori M, Pollera C, Castiglioni B, Turin L, Tedde V, Vigo D, **Moroni P**, Minuti A, Bronzo V, Addis MF, Riva F. What we have lost: Mastitis resistance in Holstein Friesians and in a local cattle breed. *Res Vet Sci*. 2018 Feb;116:88-98. doi: 10.1016/j.rvsc.2017.11.020. Epub 2017 Nov 29. PubMed PMID: 29223308.

- 35 Eraclio G, Ricci G, Quattrini M, **Moroni P**, Fortina MG. Detection of virulence-related genes in *Lactococcus garvieae* and their expression in response to different conditions. *Folia Microbiol (Praha)*. 2018 May;63(3):291-298. doi: 10.1007/s12223-017-0566-z. Epub 2017 Nov 13. PubMed PMID: 29134547.
- 36 Testa F, Marano G, Ambrogi F, Boracchi P, Casula A, Biganzoli E, **Moroni P**. Study of the association of atmospheric temperature and relative humidity with bulk tank milk somatic cell count in dairy herds using Generalized additive mixed models. *Res Vet Sci*. 2017 Oct;114:511-517. doi: 10.1016/j.rvsc.2017.09.027. Epub 2017 Sep 28. PubMed PMID: 28987958.
- 37 Addis MF, Bronzo V, Puggioni GM, Cacciotto C, Tedde V, Pagnozzi D, Locatelli C, Casula A, Curone G, Uzzau S, **Moroni P**. Relationship between milk cathelicidin abundance and microbiologic culture in clinical mastitis. *J Dairy Sci*. 2017 Apr;100(4):2944-2953. doi: 10.3168/jds.2016-12110. Epub 2017 Jan 26. PubMed PMID: 28131570.
- 38 Locatelli C, Cremonesi P, Caprioli A, Carfora V, Ianzano A, Barberio A, Morandi S, Casula A, Castiglioni B, Bronzo V, **Moroni P**. Occurrence of methicillin-resistant *Staphylococcus aureus* in dairy cattle herds, related swine farms, and humans in contact with herds. *J Dairy Sci*. 2017 Jan;100(1):608-619. doi: 10.3168/jds.2016-11797. Epub 2016 Nov 17. PubMed PMID: 27865508.
- 39 Addis MF, Tedde V, Puggioni GM, Pisanu S, Casula A, Locatelli C, Rota N, Bronzo V, **Moroni P**, Uzzau S. Evaluation of milk cathelicidin for detection of bovine mastitis. *J Dairy Sci*. 2016 Aug 10. pii: S0022-0302(16)30546-X. doi: 10.3168/jds.2016-11407. [Epub ahead of print] PubMed PMID: 27522416.
- 40 Ospina PA, Rota N, Locatelli C, Colombo L, Pollera C, Giacinti G, Bronzo V, Casula A, Arpinelli A, Brossette V, Facchi M, Patelli A, Ruggeri A, Barberio A, Potenza G, Nydam DV, **Moroni P**. Randomized noninferiority field trial comparing 2 first-generation cephalosporin products at dry off in quarters receiving an internal teat sealant in dairy cows. *J Dairy Sci*. 2016 Aug;99(8):6519-31. doi: 10.3168/jds.2015-10807. Epub 2016 Jun 2. PubMed PMID: 27265178.
- 42 Addis MF, Tanca A, Uzzau S, Oikonomou G, Bicalho RC, **Moroni P**. The bovine milk microbiota: insights and perspectives from -omics studies. *Mol Biosyst*. 2016 Jul 19;12(8):2359-72. doi: 10.1039/c6mb00217j. Review. PubMed PMID: 27216801.
- 43 Barberio A, Flaminio B, De Vlieghe S, Supré K, Kromker V, Garbarino C, Arrigoni N, Zanardi G, Bertocchi L, Gobbo F, Catania S, **Moroni P**. Short communication: In vitro antimicrobial susceptibility of *Mycoplasma bovis* isolates identified in milk from dairy cattle in Belgium, Germany, and Italy. *J Dairy Sci*. 2016 Aug;99(8):6578-84. doi: 10.3168/jds.2015-10572. Epub 2016 May 18. PubMed PMID: 27209138.
- 44 Gioia G, Werner B, Nydam DV, **Moroni P**. Validation of a mycoplasma molecular diagnostic test and distribution of mycoplasma species in bovine milk among New York State dairy farms. *J Dairy Sci*. 2016 Jun;99(6):4668-77. doi: 10.3168/jds.2015-10724. Epub 2016 Mar 24. PubMed PMID: 27016831.
- 45 Bardiau M, Caplin J, Detilleux J, Graber H, **Moroni P**, Taminau B, Mainil JG. Existence of two groups of *Staphylococcus aureus* strains isolated from bovine mastitis based on biofilm formation, intracellular survival, capsular profile and agr-typing. *Vet Microbiol*. 2016 Mar 15;185:1-6. doi: 10.1016/j.vetmic.2016.01.003. Epub 2016 Jan 3. PubMed PMID: 26931384.
- 46 Locatelli C, Cremonesi P, Bertocchi L, Zanoni MG, Barberio A, Drigo I, Varisco G, Castiglioni B, Bronzo V, **Moroni P**. 2016. Short communication: Methicillin-resistant *Staphylococcus aureus* in bulk tank milk of dairy cows and effect of swine population density. *J Dairy Sci*. 99 (3):2151-2156.
- 47 G. Curone, M. Zanini, S. Panseri, C. Colombani, **P. Moroni**, F. Riva, M. Faustini. 2016. Milk Ketone Bodies Assessment in A Local Italian Cow Breed (Modenese) vs. Holstein and Characterization of its Physiological, Reproductive and Productive Performances. In: *International Journal of Environmental & Agriculture Research*. 2:3pp. 4.15-4.22.



48 Scaccabarozzi L, Leoni L, Ballarini A, Barberio A, Locatelli C, Casula A, Bronzo V, Pisoni G, Jousson O, Morandi S, Rapetti L, García-Fernández A, **Moroni P.** Pseudomonas aeruginosa in Dairy Goats: Genotypic and Phenotypic Comparison of Intramammary and Environmental Isolates. PLoS One. 2015 Nov 25;10(11):e0142973

49 Plumed-Ferrer C, Barberio A, Franklin-Guild R, Werner B, McDonough P, Bennett J, Gloria G, Rota N, Welcome F, Nydam DV, **Moroni P.** Antimicrobial susceptibilities and random amplified polymorphic DNA-PCR fingerprint characterization of Lactococcus lactis ssp. lactis and Lactococcus garvieae isolated from bovine intramammary infections. J Dairy Sci. 2015 Sep;98(11):6216-6225.

50 Moroni P. Staphylococcus aureus: epidemiology, treatment, prevention and then.....? Investigacion en Mastitis y Salud Mamaria. 2014. Vol. 1 pag. 61-64.

51 Werner B, Moroni P, Gioia G, Lavín-Alconero L, Yousaf A, Charter ME, Carter BM, Bennett J, Nydam DV, Welcome F, Schukken YH. Short communication: Genotypic and phenotypic identification of environmental streptococci and association of Lactococcus lactis ssp. lactis with intramammary infections among different dairy farms. J Dairy Sci. 2014 Nov;97(11):6964-9. doi: 10.3168/jds.2014-8314. Epub 2014 Sep 18. PubMed PMID: 25242419.

52 Capra E, Cremonesi P, Cortimiglia C, Bignoli G, Ricchi M, Moroni P, Pesce A, Luini M, Castiglioni B. Simultaneous identification by multiplex PCR of major Prototheca spp. isolated from bovine and buffalo intramammary infection and bulk tank. Lett Appl Microbiol. 2014 Dec;59(6):642-7. doi: 10.1111/lam.12326. Epub 2014 Oct 20. PubMed PMID: 25196253.

53 Zanardi G, Caminiti A, Delle Donne G, Moroni P, Santi A, Galletti G, Tamba M, Bolzoni G, Bertocchi L. Short communication: Comparing real-time PCR and bacteriological cultures for Streptococcus agalactiae and Staphylococcus aureus in bulk-tank milk samples. J Dairy Sci. 2014 Jul 2. pii: S0022-0302(14)00470-6. doi: 10.3168/jds.2014-7947. [Epub ahead of print] PubMed PMID: 24997661.

54 Schukken YH, Bronzo V, Locatelli C, Pollera C, Rota N, Casula A, Testa F, Scaccabarozzi L, March R, Zalduendo D, Guix R, Moroni P. Efficacy of vaccination on Staphylococcus aureus and coagulase-negative staphylococci intramammary infection dynamics in 2 dairy herds. J Dairy Sci. 2014 May 29. pii: S0022-0302(14)00390-7. doi: 10.3168/jds.2014-8008. [Epub ahead of print] PubMed PMID: 24881797.

55 Brenaut P, Lefèvre L, Rau A, Laloë D, Pisoni G, Moroni P, Bevilacqua C, Martin P. Contribution of mammary epithelial cells to the immune response during early stages of a bacterial infection to Staphylococcus aureus. Vet Res. 2014 Feb 12;45:16. doi: 10.1186/1297-9716-45-16. PubMed PMID: 24521038; PubMed Central PMCID: PMC3937043.

## List of Book Chapter

1 **Moroni P.**, Nydam DV, Ospina P., Scillieri-Smith J., Virkler P., Watters R., Welcome F., Zurakowski M., Ducharme N., and A. Yeager. Disease of the teats and udder. Rebhun's, Disease of Dairy Cattle, Chapter 8, page 389-465. Elsevier.2018

2 **Moroni P.**, Welcome F., Addis F. Aetiology, diagnosis and control of mastitis in dairy herds. In Achieving sustainable production of milk. 3 Dairy herd management and welfare. Chapter 17. Burleigh Dodds Science Publishing Limited. 2017

3 **Moroni P.**, Welcome F., Addis F. Mastitis milk quality and yield. In Achieving sustainable production of milk. 2 Safety, quality and sustainability. Chapter 3. Burleigh Dodds Science Publishing Limited. 2017

4 Cremonesi, P., Benedetti V., Pisoni, G., **Moroni, P.** Luini, M., Castiglioni B. Staphylococcus aureus: Application of a rapid test for molecular typing of strains isolated from bovine mastitis Veterinary Science: Current Aspects in Biology, Animal Pathology, Clinic and Food Hygiene 1 March 2014, Pages 41-45

5 **Moroni P.**, Pisoni G., Cremonesi P., and Castiglioni B. Molecular detection of foodborne pathogens. Chapter 18 Staphylococcus pag 245-255. 2009. Dongou L. Taylor & Francis Group.

6 **Moroni P.**, Pisoni G., Cremonesi P., and Castiglioni B. Molecular detection of human bacterial pathogens. Chapter 28 Staphylococcus pag 307-317. 2011. Dongou L. Taylor & Francis Group.

### **List of Workshop and Invited Presentation from 2014 to 2021**

- Workshop "Milk quality" 4<sup>th</sup> October 2019, Castrovillari, Italy
- Invited speaker to the Congress SIVAR 17<sup>th</sup> May 2019, Cremona, Italy
- Invited speaker to the Congress SIVAR 17<sup>th</sup> May 2019, Cremona, Italy
- Invited speaker to the Congress of FIL-IDF 14<sup>th</sup> to 16<sup>th</sup> May 2019, Kobenhavn, Denmark
- Invited speaker to the Congress of Reproduction and Mastitis 4<sup>th</sup> to 7<sup>th</sup> April 2019, North Cyprus
- Workshop "Danish Udder Health Center" March 5<sup>th</sup> - 6<sup>th</sup> 2019, Kobenhavn. Presentation with Government of Agriculture.
- Workshop "Danish Udder Health Center" January 18<sup>th</sup> 2018, Kobenhavn. Presentation with Government of Agriculture.
- Workshop "Staphylococcus aureus: and E.coli mastitis prevention epidemiology and treatment. May 16<sup>th</sup> to 18<sup>th</sup> Japan. Presentation with veterinarians.
- Patógenos emergentes em mastite ambiental – as últimas informações em Klebsiella, Prototheca e Lactococci 15<sup>th</sup> Simposio Internacional sobre Producao Competitiva de Leite 4-<sup>th</sup>5<sup>th</sup> August 2015 Uberlandia, MG, Brazil
- Short course "Emerging mastitis pathogens: Klebsiella, Prototheca, Mycoplasma and Other Streptococci. National Mastitis Council Regional Meeting pp.10-16. July 28-29, 2015, Syracuse, New York.

- Workshop " Management of Mastitis" April 14-18, 2015, Johannesburg South Africa . Three days presentation with farmer and farm managers.
- Workshop " Staphylococcus aureus: epidemiology, treatment, prevention and then....? March 31, Torreon, Mexico. Presentation with farmer and farm managers.
- Workshop " Management of Mastitis" June 17-18 and 19-20, 2014, Lisboa and Porto, Portugal. Two days presentation with farmer and farm managers for each city.
- Workshop " Accademia of Mastitis" June 4-5, 2014, Deveenter, Netherland. Two days presentation with practitioners.
- Workshop " Accademia of Mastitis" May 19-21, 2014, Montevideo, Uruguay. Two days with PostDot and one day presentation with practitioners.
- Workshop " Accademia of Mastitis" March 17-18, 2014, Istanbul, Turkey. Two days presentation with farmer and farm managers.
- Workshop " Accademia of Mastitis" April 10-11, 2014, Brescia, Italy. Two days presentation with practitioners.
- Workshop " Management of Mastitis" April 7-8, 2014, Istanbul, Turkey. Two days presentation with farmer and farm managers.
- Workshop " Wimm-Bill-Dann-Cornell Dairy Courses" March 31 and April 1-2, 2014, Ithaca, USA. Three days presentation and farm visit with Russian veterinary.
- Workshop " Accademia of Mastitis" February 24-26, 2014, Barcellona and Vigo, Spain. Three days presentation with practitioners.
- "Nuovi approcci per il controllo della qualità igienico sanitaria del latte" January 30-31, 2014, Rome, Italy. Two days presentation with practitioners.

## Teaching

1 VET6604	2010-2015
2 SDI (Summer Dairy Institute)	2015- current
3 VTMED 6542 lecture on mastitis and treatment	2019- current
4 Animal Science different lectures on mastitis management	2014-2017
5 Bovine Heard Management (Italy)	2001- current

## **List of collaborations 2021**

**Md Tauqeer Alam, Ph.D**

Research Assistant Professor

Department of Veterinary Clinical Medicine

College of Veterinary Medicine, University of Illinois Urbana-Champaign 2001 South Lincoln Ave, Urbana, IL 61802

**Collaboration on Genomic-wide association study (GWAS) on *Staphylococcus aureus***

**Benjamin D. Enger, Ph.D.**

Assistant Professor

Department of Animal Sciences, OARDC

College of Food, Agriculture, and Environmental Sciences

1680 Madison Ave, 143 Gerlaugh Hall, Wooster, OH 44691

**Collaboration on epidemiology of *Mycoplasma bovis***

**Sandra Godden DVM, DVSc**

Professor, Department of Veterinary Population Medicine

College of Veterinary Medicine, University of Minnesota

225 VMC, 1365 Gortner Ave., St. Paul, MN 55108

**Collaboration on validation and comparison of different test (PCR and array) for identification of *Mycoplasma* directly from milk**

**Laura Goodman PhD**

Assistant Research Professor

Department of Population Medicine and Diagnostic Sciences

Cornell University College of Veterinary Medicine

Ithaca, NY 14853

**Collaboration on validation on PCR directly from milk for *Mycoplasma***

**Tariq Halasa, PhD**

Associate Professor National Veterinary Institute, Technical University of Denmark

Kemitorvet Building 204, Room 249 2800 Kgs. Lyngby.

**Collaboration on reduction of use of antibiotics in dairy farm**

**Renata Ivanek PhD**

*Associate Professor*

Department of Population Medicine and Diagnostic Sciences Cornell University College of

Veterinary Medicine Ithaca, NY 14853

**Collaboration on reduction of use of antibiotic in dairy farm and understanding the use of antibiotics on New York dairy farms**

**Joy Scaria, PhD**

Assistant Professor

Department of Veterinary & Biomedical Sciences

South Dakota State University

SAR 114, Brookings, SD 57007

**Collaboration on all genomic sequence of *Mycoplasma bovis***

**Volker Krömker** Prof. Dr. med. vet. habil.

Hochschule Hannover – University of Applied Sciences and Arts

Fakultät 2 - Faculty 2

Abteilung Bioverfahrenstechnik - Department of Bioprocess Engineering

Heisterbergallee 10 A

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**Collaboration on reduction of use of antibiotic in dairy farm**

Ithaca 07.21.2021