



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	Paola Modesto
Date of birth	07 January 1973
Title	DVM PhD
Administration	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta
Occupation or position held	Employed as DVM in the Specialist diagnostics Department
Phone number	0112686245
e-mail	paola.modesto@izsto.it
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Work experience

	Dates	From 01st January 2017 to date
Occupation or position held		Employed as DVM PhD at Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta. Permanent position.
Main activities and responsibilities		Food control activities. Research activities related to the National Reference Centre for Veterinary and Comparative Oncology and genetic traceability of food
Name and address of employer		Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta
Type of business or sector		Animal Health, Food safety, Genetics
	Dates	From 01st October 2015 to 31th December 2016
Occupation or position held		Employed as DVM in the Local Authority of the Italian Ministry of Health. Permanent position.
Main activities and responsibilities		Monitoring of the zoonosis and transmissible animal diseases in livestock
Name and address of employer		ASL3 Genovese
Type of business or sector		Animal Health
	Dates	From 01st May 2011 to 30th September 2015
Occupation or position held		Research Scientist at the Laboratory of Genetics and Immunobiochemistry in the Neuroscience Department. Not permanent position.
Main activities and responsibilities		Involvement in the management and organization of the research activities related to animal genetic characterization, animal biodiversity and genetic resistance to disease of livestock. Studies on population genetics related to wildlife, exotic and domestic animals. Set up of methods for molecular genetic studies. Gene expression studies by real-time qPCR. Bioinformatics and statistical analyses of genetic data. Drawing up project and writing of scientific articles. Internal and external training.
Name and address of employer		Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta.
Type of business or sector		Animal Health, Genetics

Dates From 22nd June 2015 to 3rd July 2015

Occupation or position held Visiting scientist at the Center for Conservation and Evolutionary Genetics Smithsonian Conservation Biology Institute, scientific director Dr Robert C.Fleischer..

Main activities and responsibilities Next Generation Sequencing techniques applied to conservation and forensic genetics

Name and address of employer Center for Conservation and Evolutionary Genetics- Smithsonian Conservation Biology Institute.

Type of business or sector Population and conservation genetics. Forensic genetics.

Dates From 1st June 2015 to 19th June 2015

Occupation or position held Visiting scientist at the R&D lab directed by Dr Bruce Budowle, Applied Genetics At the University of North Texas Health Science Center

Main activities and responsibilities Wet lab activities on library preparation and human forensic MPS (Massively Parallel Sequencing) data analysis.

Name and address of employer Institute of Applied Genetics at the University of North Texas Health Science Center- Fort Worth-Texas.

Type of business or sector Forensic Genetics

Dates From 8th May 2015 to 28th May 2015

Occupation or position held Visiting scientist at the Veterinary Genetics Laboratory (VGL), University of California-Davis directed by Dr Cecilia Penedo

Main activities and responsibilities Experience in domestic animals genotyping and in the development of assays for the detection of genetic disease using genetic marker panels. Experience in protocols and data analysis for animal forensic genetics.

Name and address of employer Veterinary Genetics Laboratory (VGL), University of California-Davis

Type of business or sector Animal Health, Forensic Genetics

Dates From 15 April 2009 to 30 April 2011

Occupation or position held Research Fellow as DVM at the Laboratory of Genetics and Immunobiochemistry in the Neuroscience Department.

Main activities and responsibilities Drawing up projects, wet lab activity (mainly sequencing, microsatellite analysis, Real Time qPCR, molecular diagnostic PCRs), data analysis, preparing research findings for publications, writing scientific papers. Internal and external training.

Name and address of employer Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta

Type of business or sector Animal Health, Genetics

Dates from 01 January 2009 to 14 April 2009

Occupation or position held Research Fellow as Ph.D student in Biotechnology Applied to Veterinary Sciences and Animal Husbandry at the Department of Animal Pathology, Hygiene and Veterinary Public Health- Institute of Infectious Diseases.

Main activities and responsibilities Wet lab activity (mainly RT PCR, PCR and cell cultures), data analysis mainly dealing with infectious disease diagnostics, genetic resistance to disease.

Name and address of employer Faculty of Veterinary Medicine, University of Milan.

Type of business or sector Animal Health, Infectious Diseases, Genetics.

**Dates from 08 July 2002 to 07 July 2003
from 01 June 2004 to 15 December 2008**

Occupation or position held	Research Fellow as DVM at the National Reference Centre for Veterinary and Comparative Oncology-Genoa
Main activities and responsibilities	Drawing up project, wet lab activity (mainly sequencing, RT PCR, Real Time PCR, cDNA-cloning, molecular diagnostic PCR), data analysis, preparing research findings for scientific communications and publications mainly concerning cancer genetics, veterinary and comparative oncology, animal biodiversity, food microbiology, food hygiene and food testing. Internal and external training.
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta
Type of business or sector	Animal Health, Food Control, Oncology.

Dates from 15 September 2003 to 15 December 2003

Occupation or position held	Stage at the Biotechnology and GMO's Unit (Institute for Health and Consumer Protection- IHCP)
Main activities and responsibilities	Wet Lab activity (PCR, Real Time qPCR and ELISA), data analysis.
Name and address of employer	European Commission- Joint Research Centre, Ispra
Type of business or sector	Food hygiene and food testing, GMOs analysis

Dates from April 1999 to July 2002

Occupation or position held	Clinical veterinarian in private structures.
Main activities and responsibilities	Clinical and surgical activities.
Name and address of employer	Veterinary clinic Baroni-Scapin, Genoa-Italy Veterinary clinic Dott. Valentino Bogliolo di Alassio (SV)-Italy Genovese Veterinary Center, Genoa-Italy
Type of business or sector	Pet care, Animal Health.

Dates from April 2001 to August 2001

Occupation or position held	Consultant
Main activities and responsibilities	Nutritional consultancy and formulation of daily food rations and of new products.
Name and address of employer	Novavet S.p.A, Genoa- Italy
Type of business or sector	Pet food.

Education and training

Dates 3 February 2012

Title of qualification awarded	PhD degree in "Biotechnology Applied to Veterinary Sciences and Animal Husbandry"
Principal subjects/occupational skills covered	Expression profile of immune response genes in goats with experimentally induced <i>Staphylococcus aureus</i> mastitis
Name and type of organisation providing education and training	Faculty of Veterinary Medicine- University of Milan.
Level in national or international classification	Postgraduate academic degree

Dates 3 July 2006

Title of qualification awarded	Degree of specialization in "Inspection of animals and animal-originated products".
Principal subjects/occupational skills covered	Food inspection, food microbiology, food hygiene and food testing, validation of molecular biology techniques for food and feed control.

Name and type of organisation providing education and training	Faculty of Veterinary Medicine- University of Milan.																							
Level in national or international classification	Postgraduate academic degree																							
Dates	Academic Year 2002/2003																							
Title of qualification awarded	Master in "Monitoring and traceability of genes and transgenes in environmental and alimentary matrices"																							
Principal subjects/occupational skills covered	Food hygiene, molecular biology techniques for feed and food testing, GMOs analysis.																							
Name and type of organisation providing education and training	Faculty of Agricultural Science - University of Milan.																							
Level in national or international classification	Postgraduate academic degree																							
Dates	22 March 1999																							
Title of qualification awarded	Doctor in Veterinary Medicine																							
Principal subjects/occupational skills covered	Graduate program of the Veterinary Medicine course.																							
Name and type of organisation providing education and training	Faculty of Veterinary Medicine – University of Parma																							
Level in national or international classification	Academic degree																							
Personal skills and competences																								
Mother tongue(s)	Italian																							
Other language(s)	English																							
Self-assessment																								
European level (*)	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th>Writing</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> <th></th> </tr> </thead> <tbody> <tr> <td>En</td> <td>B2</td> <td>C2</td> <td>B2</td> <td>B2</td> <td>C1</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Understanding		Speaking		Writing	Listening	Reading	Spoken interaction	Spoken production		En	B2	C2	B2	B2	C1						
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	(*) Common European Framework of Reference for Languages																							
Organizational Skills	<p>Ability to manage responsibilities related to the activity and coordination of research projects funded by public and private institutions.</p> <p>Experience in coordination of research activities in collaboration with universities and scientific hospitalization and treatment institute.</p> <p>Skills in the organization and coordination of the analysis laboratory activities.</p>																							

Technical skills and competences	I am vet with a background in molecular biology and genetics currently working as research scientist at the Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta. My interest has ranged from basis underlying genetic resistance to disease of livestock to population genetics for animal conservation, forensic genetics, in recent years I have mostly turned to genetics applied to veterinary oncology and the genetic traceability of foods. I am familiar with the main molecular biology techniques for diagnostics, gene expression and genome-based studies.
Computer skills and competences	Good knowledge of the Windows operating systems and products, familiar with the use of Macintosh and Linux systems. Good knowledge in the consultation of genomic and bioinformatics databases and in using software for collection, alignment, management and analysis of sequence and microsatellite results. Basic practice in using software for population genetics data analysis.
Licence	Cat B (Driving Italian licence) Open Water SSI
National and International Publications	<p>H index: 11</p> <p>-Polymorphisms associated to bovine paratuberculosis: investigation of their role in DNA-protein interactions and transcriptional regulation. Aryngaziyev B, Beltramo C, Dondo A, Karymsakov T, Varello K, Gorla M, Di Blasio A, Nodari S, Colussi S, Modesto P, Daugaliyeva A, Acutis PL, Daugaliyeva S, Peletto S. Vet Ital. 2020 Aug 6. doi: 10.12834/VetIt.2325.13205.1.</p> <p>- Hepatitis E virus research in wild boars during 2017/2018 and 2018/2019 hunting seasons. Chiara Masotti, Roberta Battistini, Walter Mignone, Enrica Berio, Monica Dellepiane, Tiziana Andreoli, Elisabetta Razzuoli, Simone Peletto, Pierluigi Acutis, Chiara Beltramo, Paola Modesto, Valeria Listorti, Carlo Ercolini, Laura Serracca. Large Animal Review 2020; 26: 149-151</p> <p>-Equus caballus papillomavirus type 2 (EcPV-2) in co-occurring vulvar and gastric lesions of a pony. Ilaria Porcellato, Paola Modesto, Katia Cappelli, Katia Varello, Simone Peletto, Chiara Brachelente, Isabella Martini, Luca Mechelli, Angelo Ferrari, Alessandro Ghelardi, Elisabetta Razzuoli. Research in Veterinary Science doi.org/10.1016/j.rvsc.2020.06.003</p> <p>-Modulation of Type I Interferon System by African Swine Fever Virus. Elisabetta Razzuoli, Giulia Franzoni, Tania Carta, Susanna Zinellu, Massimo Amadori, Paola Modesto, Annalisa Oggiano. Pathogens 2020, 9, 209</p> <p>-Comparison of macrophage responses to African swine fever viruses reveals that the NH/P68 strain is associated with enhanced sensitivity to type I IFN and cytokine responses from classically activated macrophages. Giulia Franzoni, Elisabetta Razzuoli, Silvia Dei Giudici, Tania Carta, Grazia Galleri, Susanna Zinellu, Mauro Ledda, Pierpaolo Angioi, Paola Modesto, Simon Graham, Annalisa Oggiano. Pathogens. 2020 Mar 12;9(3). pii: E209. doi: 10.3390/pathogens9030209</p> <p>-Yersinia enterocolitica-specific modulation of innate immune responses in jejunal epithelial cells. Razzuoli E, Vencia W, Modesto P, Franzoni G, Giudici SD, Parisi E, Ferrari A, Amadori M. Vet Microbiol. 2020 Mar;242:108596. doi: 10.1016/j.vetmic.2020.108596. Epub 2020 Jan 24.</p> <p>-Co-Occurrence of gastric and vulvar lesions in a pony infected by Equus Caballus Papillomavirus Type 2. I. Porcellato, P. Modesto, C. Brachelente, K. Cappelli, K. Varello, I. Martini, L. Mechelli, A. Ferrari, A. Ghelardi and E. Razzuoli. J. Comp. Path. 2020, Vol. 174: 193</p>

National and International Publications

- Evaluation of a molecular method for Hepatitis E virus (HEV) detection in pancreatin of porcine origin. Paola Modesto, Maria Grazia Maniaci, Umberto Cavallazzi, Pierluigi Acutis, Simone Peletto. J Virol Methods. 2020 Feb;276:113790. doi:10.1016/j.jviromet.2019.113790. Epub 2019 Nov 23. PMID: 31770544
- A single nucleotide variant in the promoter region of the CCR5 gene increases susceptibility to arthritis encephalitis virus in goat. Silvia Colussi, MSc; Rosanna Desiato; Chiara Beltramo; Simone Peletto; Paola Modesto; Maria Grazia Maniaci; Valentina Campia; Antonio Quasso; Sergio Rosati; Luigi Bertolotti; Giuseppe Ru; Pier Luigi Acutis. BMC Vet Res. 2019 Jul 6;15(1):230
- Impact of DNA purification method and primer selection on 16S rRNA gene metabarcoding on wine. Francesco Cerutti, Diego Cravero, Antonella Costantini, Laura Pulcini, Paola Modesto, Pier Luigi Acutis, Enrico Vaudano, Simone Peletto. OENO One 2019, 53, 3
- The genome of Border disease virus genotype 8 from chamois by next generation sequencing. Cerutti Francesco, Caruso Claudio, Modesto Paola, Orusa Riccardo, Masoero Loretta, Acutis Pier Luigi Peletto. Veterinaria Italiana 2019 Feb 21. doi: 10.12834/Vettit.1768.9338.1
- The microbiota of hematophagous ectoparasites collected from migratory birds. Cerutti F, Modesto P, Rizzo F, Cravero A, Jurman I, Costa S, Giammarino M, Mandola ML, Gorla M, Radovic S, Cattonaro F, Acutis PL, Peletto S. PLoS One. 2018 Aug 27;13(8):e0202270. doi: 10.1371/journal.pone.0202270. eCollection 2018.
- Multidisciplinary studies on a sick-leader syndrome-associated mass stranding of sperm whales (*Physeter macrocephalus*) along the Adriatic coast of Italy". Sandro Mazzariol, Cinzia Centelleghè, Bruno Cozzi, Michele Povinelli, Federica Marcer, Nicola Ferri, Gabriella Di Francesco, Pietro Badagliacca, Francesca Profeta, Vincenzo Olivieri, Sergio Guccione, Cristiano Cocumelli, Giuliana Terracciano, Pasquale Troiano, Matteo Beverelli, Fulvio Garibaldi, Michela Podestà, Letizia Marsili, Maria Cristina Fossi, Simonetta Mattiucci, Paolo Cipriani, Daniele De Nurra, Annalisa Zaccaroni, Silva Rubini, Daniela Berto, Yara Bernaldo de Quirós, Antonio Fernández, Maria Morell, Federica Giorda, Alessandra Pautasso, Paola Modesto, Cristina Casalone, and Giovanni Di Guardo. Sci Rep. 2018 Aug 1;8(1):11577. doi: 10.1038/s41598-018-29966-7.
- Molecular genetics unveiled unknown family relationships and hybrids in an ex-situ colony of African penguins (*Spheniscus demersus*). Modesto P, Biolatti C, Favaro L, Colussi S, Peletto S, Piga S, Riina MV, Pessani D, Trincas E, Isaja V, Acutis PL. J Hered. 2018 Jul 13. doi: 10.1093/jhered/esy032
- DNA Pool Analysis-based Forgery-Detection of Dairy Products. F Rossi, P Modesto, C Biolatti, A Benso, S Di Carlo, G Politano, P Acutis. International Journal Of Electrical And Computer Engineering (IJECE) 2018 Vol 8 N° 5
- Efficient isolation on Vero.DogSLAMtag cells and full genome characterization of Dolphin Morbillivirus (DMV) by next generation sequencing. Peletto S, Caruso C, Cerutti F, Modesto P, Biolatti C, Pautasso A, Grattarola C, Giorda F, Mazzariol S, Mignone W, Masoero L, Casalone C, Acutis PL. Sci Rep. 2018 Jan 16;8(1):860. doi: 10.1038/s41598-018-19269-2
- Genotyping of *Brucella melitensis* and *Brucella abortus* strains in Kazakhstan using MLVA-15. Daugaliyeva A, Sultanov A, Ussebayev B, Baramova S, Modesto P, Adambayeva A, Acutis PL, Peletto S. Infect Genet Evol. 2017 Dec 24;58:135-144.
- Genetic basis of Lipomatous Myopathy in Piedmontese beef cattle. S. Peletto, M.G. Strillacci, M.T. Capucchio, E. Biasibetti, P. Modesto, P.L. Acutis, A. Bagnato. Livestock science December 2017, 206: 9–16. doi.org/10.1016/j.livsci.2017.09.027

National and International Publications

-Control of Mosquito-Borne Diseases in Northwestern Italy: preparedness from One Season to the Next. Verna F, Modesto P, Radaelli MC, Francese DR, Monaci E, Desiato R, Grattarola C, Peletto S, Mosca A, Savini G, Chianese R, Demicheli V, Prearo M, Chiavacci L, Pautasso A, Casalone C. *Vector-Borne And Zoonotic Diseases* 2017 May;17(5):331-339. doi: 10.1089/vbz.2016.2047

-Validation of a DNA biochip for species identification in food forensic science. Beltramo C., Riina M.V., Colussi S., Campia V., Maniaci M.G., Biolatti C., Trisorio S., Modesto P., Peletto S. and Acutis P.L. *Food Control* 2017, 78, 366-373.

-Evidence of circulation of the novel Border Disease Virus genotype 8 in chamois. Claudio Caruso, Simone Peletto, Francesco Cerutti, Paola Modesto, Serena Robetto, Lorenzo Domenis, Loretta Masoero, Pier Luigi Acutis. *Archives of Virology*, 2016, DOI: 10.1007/s00705-016-3112-4

-Hepatitis E Virus: A Cross-Sectional Serological and Virological Study in Pigs and Humans at Zoonotic Risk within a High-Density Pig Farming Area. Caruso C, Peletto S, Rosamilia A, Modesto P, Chiavacci L, Sona B, Balsamelli F, Ghesetti V, Acutis PL, Pezzoni G, Brocchi E, Vitale N, Masoero L. *Transbound Emerg Dis*. 2016 Jul 5. doi: 10.1111/tbed.12533.

-Detection of West Nile and Usutu Viruses in Italian Free Areas: Entomological Surveillance in Piemonte and Liguria Regions, 2014. Pautasso A, Radaelli MC, Ballardini M, Francese DR, Verna F, Modesto P, Grattarola C, Desiato R, Bertolini S, Vitale N, Ferrari A, Rossini I, Accorsi A, Mosca A, Monaco F, Savini G, Prearo M, Mignone W, Chiavacci L, Casalone C. *Vector Borne Zoonotic Dis*. 2016 Apr;16(4):292-4. doi: 10.1089/vbz.2015.1851.

-Behavioural analysis of captive tigers (*Panthera tigris*): A water pool makes the difference Cristina Biolatti, Paola Modesto, Daniela Dezzutto, Francesca Perad, Martina Tarantolad, Maria Silvia Gennerob, Cristiana Maurellac, Pier Luigi Acutis *Applied Animal Behaviour Science* 174 (2016) 173–180

-Sex- and age-related variation in metal content of penguin feathers. Squadrone S, Abete MC, Brizio P, Monaco G, Colussi S, Biolatti C, Modesto P, Acutis PL, Pessani D, Favaro L. *Ecotoxicology*. 2016 Mar;25(2):431-8. doi: 10.1007/s10646-015-1593-7.

-A new genotype of border disease virus with implications for molecular diagnostics. Peletto S, Caruso C. *PLoS One*. 2015 Nov 23. doi: 10.1007/s00705-015-2696-4. Epub 2015 Nov 23.

- West Nile Virus Surveillance in 2013 via Mosquito Screening in Northern Italy and the Influence of Weather on Virus Circulation. Calzolari M, Pautasso A, Montarsi F, Albieri A, Bellini R, Bonilauri P, Defilippo F, Lelli D, Moreno A, Chiari M, Tamba M, Zanoni M, Varisco G, Bertolini S, Modesto P, Radaelli MC, Iulini B, Prearo M, Ravagnan S, Cazzin S, Mulatti P, Monne I, Bonfanti L, Marangon S, Goffredo M, Savini G, Martini S, Mosca A, Farioli M, Gemma Brenzoni L, Palei M, Russo F, Natalini S, Angelini P, Casalone C, Dottori M, Capelli G. *PLoS One*. 2015;10(12):e0146436. doi: 10.1371/journal.pone.0140915. eCollection 2015.

-*Sarcocystis* Spp. Prevalence in Bovine Minced Meat: A Histological and Molecular Study. Mestro S, Peletto S, Pezzolato M, Varello K, Botta M, Richelmi G, Biglia C, Baioni E, Modesto P, Acutis P, Bozzetta E. *Ital J Food Saf*. 2015 Jun 9;4(2):4626.

-Hepatitis E Virus: First Description in a Pet House Rabbit. A New Transmission Route for Human? Caruso C, Modesto P, Prato R, Scaglione FE, De Marco L, Bollo E, Acutis PL, Masoero L, Peletto S. *Transbound Emerg Dis*. 2015 Jun;62(3):229-32. doi: 10.1111/tbed.12348

National and International Publications

- First report of malignant catarrhal fever in a captive pudu (*Pudu pudu*). Modesto P, Grattarola C, Biolatti C, Varello K, Casalone C, Mandola ML, Caruso C, Dondo A, Gorla M, Rocca F, Decaro N, Leonardi C, Iulini B, Acutis PL. *Res Vet Sci*. 2015 Apr;99:212-4. doi: 10.1016/j.rvsc.2015.02.010. Epub 2015 Feb 25.
- Serological and virological survey of hepatitis E virus in wild boar populations in northwestern Italy: detection of HEV subtypes 3e and 3f. Caruso C, Modesto P, Bertolini S, Peletto S, Acutis PL, Dondo A, Robetto S, Mignone W, Orusa R, Ru G, Masoero L. *Arch Virol*. 2015 Jan;160(1):153-60. doi: 10.1007/s00705-014-2246-5. Epub 2014 Oct 5.
- Detection of a phylogenetically divergent eel virus European X (EVEX) isolate in European eels (*Anguilla anguilla*) farmed in experimental tanks in Italy. C. Caruso, S. Peletto, A. Gustinelli, P. Arsieni, O. Mordenti, P. Modesto, P.L. Acutis, L. Masoero, M.L. Fioravanti, M. Prearo. *Aquaculture*, 2014: 434; 115–120.
- Association of a specific major histocompatibility complex class II β single nucleotide polymorphism with resistance to lactococcosis in rainbow trout, *Oncorhynchus mykiss* (Walbaum). Colussi S, Prearo M, Bertuzzi SA, Scanzio T, Peletto S, Favaro L, Modesto P, Maniaci MG, Ru G, Desiato R, Acutis PL. *J Fish Dis*. 2014 Jan 8.
- Genome-wide analysis of Italian sheep diversity reveals a strong geographic pattern and cryptic relationships between breeds. Ciani E, Crepaldi P, Nicoloso L, Lasagna E, Sarti FM, Moioli B, Napolitano F, Carta A, Usai G, D'Andrea M, Marletta D, Ciampolini R, Riggio V, Occidente M, Matassino D, Kompan D, Modesto P, Macciotta N, Ajmone-Marsan P, Pilla F. *Anim Genet*. 2013 Dec 5.
- Evaluation of internal reference genes for quantitative expression analysis by real-time reverse transcription-PCR in somatic cells from goat milk. Modesto P, Peletto S, Pisoni G, Cremonesi P, Castiglioni B, Colussi S, Caramelli M, Bronzo V, Moroni P, Acutis PL. *J Dairy Sci*. 2013 Dec;96(12):7932-44.
- Epidemiological history and phylogeography of West Nile virus lineage 2." Ciccozzi M, Peletto S, Cella E, Giovanetti M, Lai A, Gabanelli E, Acutis PL, Modesto P, Rezza G, Platonov AE, Lo Presti A, Zehender G. *Infect Genet Evol*. 2013 Jul;17:46-50
- Response of the goat mammary gland to infection with *Staphylococcus aureus* revealed by gene expression profiling in milk somatic and white blood cells. Cremonesi P, Capoferri R, Pisoni G, Del Corvo M, Strozzi F, Rupp R, Caillat H, **Modesto P**, Moroni P, Williams JL, Castiglioni B, Stella A. *BMC Genomics*. 2012 Oct 9;13:540
- Genetic diversity of Usutu virus. Simone Peletto, Alessandra Lo Presti, **Paola Modesto**, Eleonora Cella, Pier Luigi Acutis, Francesca Farchi, Marco Ciotti, Gianguglielmo Zehender, Massimo Ciccozzi. *New Microbiologica*, 35, 167-174, 2012.
- Association of an indel polymorphism in the 3'UTR of the caprine SPRN gene with scrapie positivity in the central nervous system. Peletto S, Bertolini S, Maniaci MG, Colussi S **Modesto P**, Biolatti C, Bertuzzi S, Caramelli M, Maurella C, Acutis PL. *J Gen Virol*. 2012 Apr 4.
- Evaluation of genetic variability in brown hare populations from two protected areas in Northern Italy. **Modesto P**, Cava PL, Peletto S, Colussi S, Vidus Rosin A, Meriggi A, Acutis PL. *Hystrix It. J. Mamm. (n.s.)* 2011 22(2): 257-268.
- Evaluation of internal reference genes for quantitative expression analysis by real-time PCR in ovine whole blood. Peletto S, Bertuzzi S, Campanella C, **Modesto P**, Maniaci MG, Bellino C, Ariello D, Quasso A, Caramelli M, Acutis PL. *Int J Mol Sci*. 2011;12(11):7732-47.

National and International Publications

- Detection of a morphogenetically novel *Sarcocystis hominis*-like in the context of a prevalence study in semi-intensively bred cattle in Italy. Domenis L, Peletto S, Sacchi L, Clementi E, Genchi M, Felisari L, Felisari C, Mo P, **Modesto P**, Zuccon F, Campanella C, Maurella C, Guidetti C, Acutis PL. *Parasitol Res.* 2011 Dec;109(6):1677-87
- A bilateral ovarian psammomatous papillary cystic adenocarcinoma in a German Shepherd bitch. Petterino C., **Modesto P.**, Ratto A. *Comparative Clinical Pathology.* 2009; 19 (4): 389-395
- A case of interscapular fibrosarcoma in a dwarf rabbit (*Oryctolagus cuniculus*). Petterino C., **Modesto P.**, Strata D., Vascellari M., Mutinelli F., Ferrari A., Ratto A.. *Journal of Veterinary Diagnostic Investigation.* 2009; 21(6):900–905.
- Stem cell properties of tumor cell subpopulations. Role in tumorigenesis and therapeutic intervention. Porcile C, Barbieri F, Bajetto A, Ratto A, **Modesto P**, Ferrari A, Florio T. *Romanian Journal Of Comparative Oncology* nr.14/2008:899-909.
- Transcriptional properties of feline p53 and its tumor-associated mutants: an yeast-based approach. Umberto Cardellino, Yari Ciribilli, Virginia Andreotti, **Paola Modesto**, Paola Menichini, Gilberto Fronza, Claudio Pellegrino, Alberto Inga. *Mutagenesis.* 2007; 22 (6):417-23.
- EMIDA ERA-NET: la ricerca europea a supporto dell'allevamento caprino. Colussi S, Vaccari G, Chiappini B, Nonno R, Di Bari MA, Ligios C, Maestrale C, Solinas C, Vitale M, Migliore S, Trisorio S, **Modesto P**, Pernazza I, Perrotta MG, Acutis PL. *Large Animal Review* supplemento 1 al n.4 Agosto 2014, pag 128.
- Animali esotici: Tutela, normative benessere e sanità. Biolatti C, **Modesto P**, Riina MV. *La settimana Veterinaria* Dicembre 2011: 766: 4-10.
- Resistenza genetica ai lentivirus: studio sulla variabilità del gene CCR5 nei caprini S. Colussi, M.G. Maniaci, S. Peletto, T. Giovannini, **P. Modesto**, A. Quasso, P. Sacchi, S. Rosati, P.L. Acutis. *Large Animal Review* supplemento al n.5 Ottobre 2010, pag 67.
- Espressione genica differenziale in capre infettate con *Staphylococcus aureus*. Pisoni G., Cremonesi P., Capoferri R., Strozzi F., Stella A., **Modesto P.**, Del Corvo M., Scaccabarozzi L., Moroni P., Williams J., Castiglioni B. *Large Animal Review* supplemento al n.5 Ottobre 2010
- Descrizione delle principali neoplasie di cane in due distinti trienni. Cardellino U, **Modesto P**, Podestà G, Ratto A, Ferrari A. *Bollettino AIVPA* n.1 Anno 2008: 15-20.

Author of more than 170 abstract presented at Italian and International congress.
Speaker in 20 courses and conferences

Genoa, 04/09/2020

