

Dr. Simone PELETTO
CURRICULUM VITAE ET STUDIORUM

1. PERSONAL INFORMATION

Name, Surname **SIMONE PELETTO**

Address **VIA TREVISO, 55**
10144 TORINO (TO)

Telephone **+390141-979297**

Mobile **+39338-4276785**

E-mail [**simone.peletto@izsto.it**](mailto:simone.peletto@izsto.it)

Nationality Italian

Date of birth 18 APRIL 1975

2. PROFESSIONAL EXPERIENCE

- Dates (from - to) From 01 August 2007 to date
 - Institute **Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta - Laboratory of Genetics and Immunobiochemistry**
Via Bologna, 148 - 10154 Torino
Tel.: 011/2686367, fax: 011/2487770 e-mail: simone.peletto@izsto.it
 - Organization Governmental
 - Occupation or position held Research Scientist in the Lab of Genetics and Immunobiochemistry in the "S.C. Neuroscienze con annesso CEA" Department
Permanent position, 38 working hours/week
 - Research activities Involvement in the management and organization of the research activities related to the genetics of prion diseases and the study of genetic resistance to other infectious and non-infectious diseases. Participation to international research networks and scientific collaborations. Set up of methods for molecular genetic studies. Gene expression studies by real-time qPCR. Molecular epidemiology researches by typing of viral and bacterial strains and phylogenetic analysis of sequence data. Bioinformatics and statistical analyses for genetic researches and writing of scientific articles. Internal and external training.

- Dates (from - to) From 01 June 2009 to 05 June 2009
 - Institute **Neuropathogenesis Division**
The Roslin Institute and R(D)SVS, University of Edinburgh
Ogston Bldg., West Mains Rd.,
Edinburgh EH9 3JF, UK
phone 00 44 (0)131 667 5204 FAX 00 44 (0)131 668 3872
email: wilfred.goldmann@roslin.ed.ac.uk
 - Organization University di Edinburgh
 - Occupation or position held Visiting scientist at the Dr. Wilfred Goldmann's Lab. Funding was provided by

- at travel grant in the frame of personnel exchange programme of the Network of Excellence Neuroprion
- Research activities This training has allowed to study at a deeper level the Shadow of the Prion Protein gene (*SPRN*). In particular, a protocol of amplification of the *SPRN* gene for several animal species of interest in the field of prion diseases was set up. The protocol is currently being used in the Research Project “Progetto di Ricerca Corrente IZS PLV 05/08 Identificazione di biomarker per diagnosi di scrapie negli ovini e studio del ruolo dei geni *SPRN* e *RAGE* nella BSE bovina e nella scrapie dei caprini”.
-
- Dates (from – to) From 01 November 2006 to 31 July 2007
 - Institute **National Reference Centre for Animal TSEs (CEA) - Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d’Aosta**
Via Bologna, 148 - 10154 Torino
Tel.: 011/2686.1, fax: 011/2487770 e-mail: cea.genetica@izsto.it
 - Organization Governmental
 - Occupation or position held Grant as DVM at the Lab of Genetics of CEA (Area tecnica Neuroscienze e Genetica), research project: “Scrapie nella capra: studio della suscettibilità genetica tramite infezione sperimentale e valutazione dell’accuratezza dei test diagnostici rapidi” (PRC 014/2005).
 - Research activities The aim of the study was to investigate the response of goats of selected PRNP genotypes to experimental infection with classical and atypical scrapie isolates. Involvement in other research projects on genetics of cancer in animal models and diagnostics by molecular methods. Other activities: identification of bacterial strains by analysis of the 16srRNA gene using MicroSeq 500/FullGene (Applied Biosystems) and data analysis by MicroSeq software and Blast; Theoretical and practical training (2 weeks) “Genetic Sequencing of Microorganism and Restriction Analysis” to vets of the National Center for Monitoring, Reference, Laboratory Diagnostics and Veterinary Methodology of Kazakhstan.
-
- Dates (from – to) From 01 July 2004 to 31 October 2006
 - Institute **National Reference Centre for Animal TSEs (CEA) - Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d’Aosta**
Via Bologna, 148 - 10154 Torino
Tel.: 011/2686.1, fax: 011/2487770 e-mail: cea.genetica@izsto.it
 - Organization Governmental
 - Occupation or position held Grant as DVM at the Lab of Genetics of CEA (Area tecnica Neuroscienze e Genetica), research project: “Studio dei polimorfismi del gene PrP caprino e dei ruminanti selvatici e dei possibili fattori genetici condizionanti la suscettibilità alla BSE nei bovini” (PRC 008/2003).
 - Research activities Genotyping in the frame of the national and regional selection plans for scrapie resistance in sheep. Genotyping of scrapie positive cases and validation of new kits for sheep genotyping. Research activities in the field of genetic variability of the PRNP gene in goats, wild ruminants and domestic cattle. He has gained skills in the molecular biology methods in use in the lab, particularly direct sequencing and fragment analysis. He has been trained also in the pyrosequencing technique and qPCR methods and finally knowledge of bioinformatics softwares, as Chromas, Mega, ClustalW, SeqMan (Lasergene), SeqScape (Applied Biosystems), has been acquired.
-
- Dates (from – to) From 22 April 2006 to 22 May 2006 and from 09 July 2006 to 06 August 2006
 - Institute **Neuropathogenesis Unit (NPU) - Institute for Animal Health (IAH)**
West Mains Rd., Edinburgh EH9 3JF - Scotland UK
Tel.: 0044(0)131 667 5204 e-mail: wilfred.goldmann@bbscr.ac.uk
 - Organization University of Edinburgh
 - Occupation or position held Visiting scientist at the TSE Genetics Laboratory directed by Dr. Wilfred

- Research activities
 - Goldmann in the frame of a collaboration involving NPU and CEA.
 - During the months at the NPU labs in Edinburgh he has worked in close collaboration with Dr. Goldmann's group, pioneer of the studies regarding animal TSE genetics. In particular, he has focussed to the identification of genetic factors related to resistance/susceptibility to classical and atypical BSEs. This abroad professional experience has allowed to approach to base research in the field of TSE genetics. Moreover, he has gained skills in reverse transcription and SyberGreen-based qPCR. During the stay at NPU he has hold a seminar on the obtained results entitled "PrP Expression Study in BSE and BASE Cattle Using Quantitative PCR Technology".

- Dates (from - to)
 - From 26 June 2006 to 30 June 2006
 - Institute
 - National Veterinary Laboratory (NVL)**
 - J. Kairiukscio 10 LT - 08409 Vilnius, Lithuania
 - Tel.: +370 5 2780470 Fax.: +370 5 2780471 E-mail: nvl@nvl.lt
 - Organization
 - National Laboratory for Veterinary Diagnostics in Lithuania
 - Occupation or position held
 - Participation as expert in TSE genetics in the frame of a collaborative project between Piedmont Region and Lithuania funded by UE for the implementation of Veterinary Services: Twinning Project LT/2004/AG/07 "Strengthening of official control of animal health and food safety through implementation of Veterinary Management System".
 - Research activities
 - Theoretical and practical training of personnel of the GMO Department led by Dr. Vaclovas Jurgelevicius on TSE genetics and genotyping methods of sheep PRNP gene.
 - During the stay he has hold a seminar entitled "TSE Genetics".

- Dates (from - to)
 - From 11 February 2004 to 30 June 2004
 - Institute
 - Centro di Referenza per le Encefalopatie Animali (CEA) - Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta**
 - Via Bologna, 148 - 10154 Torino
 - Tel.: 011/2686.1, fax: 011/2487770 e-mail: cea.genetica@izsto.it
 - Organization
 - Governmental
 - Occupation or position held
 - Grant as DVM at the Lab of Genetics of CEA (Area tecnica Neuroscienze e Genetica), research project: "Fattori genetici, patogenetici e biochimici responsabili della sensibilità/resistenza alle EST" (PRF 2001).
 - Research activities
 - He has gained expertise in general genotyping techniques: DNA isolation, PCR, restriction enzyme analysis, PCR, allele-specific amplification, direct sequencing, Pyrosequencing, real-time PCR).

- Dates (from - to)
 - From 01 March 2003 to 29 February 2004
 - Institute
 - Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna (IZSLER) - Sezione di Milano**
 - Via Celoria, 12 - 20133 Milano
 - Tel.: 02/70600153, fax: 02/70635837, e-mail: Milano@bs.izs.it
 - Organization
 - Governmental
 - Occupation or position held
 - Contract as consultant at the Immuno-histopathology lab in the frame of the Research Project Ricerca Finalizzata 2001 "Patologia molecolare, propagazione per via orale e terapia sperimentale delle malattie da prioni" (N. Cod. PRF 2001 304).
 - Research activities
 - All the activities of the lab and particularly:
 - Management of experimental animals, set up of experimental protocols and forms for symptom recording.

- Necropsies on experimental animals
- Preparation of samples for histology and IHC examination
- Participation to the histological and IHC sample evaluation

- Dates (from – to)
 - Institute

From 17 June 2002 to 16 February 2003
Istituto Zooprofilattico Sperimentale della Lombardia e dell’Emilia-Romagna (IZSLER) - Sezione di Milano
 Via Celoria, 12 - 20133 Milano
 Tel.: 02/70600153, fax: 02/70635837, e-mail: Milano@bs.izs.it
 Governamental
- Organization

Contract as consultant at the Immuno-histopathology lab in the frame of the Research Project: “Diagnostica differenziale in bovini e ovi-caprini sospetti EST, con particolare riferimento alle patologie di interesse zoonosico” (PRC 2000105).
- Occupation or position held

All the activities of the lab and particularly those related to the Research Project:

 - Preparation of samples for histological examination (sample registration, aliquoting, paraffin embedding, cutting and staining)
 - IHC for both routine and research diagnostics
 - Participation to the evaluation of the slides
- Research activities

- Dates (from – to)
 - Institute

From 01 January 2002 to 15 June 2002
Eurofiocchi S.p.a.
 Via P. Baldi, 19 - 15013 Borgoratto (AL)
 Tel.: 0131/278280, fax: 0131/278544, e-mail: info@eurofiocchi.com
 Company producing livestock food
- Organization

Consultant
- Occupation or position held

Nutritional consultancy for consumers of the company. Formulation of daily food rations and of new products.
- Research activities

- Dates (from – to)
 - Institute

From January 2000 to June 2001
Università degli Studi di Torino - Facoltà di Medicina Veterinaria Dipartimento di produzioni animali, epidemiologia ed ecologia - Settore Malattie Infettive
 Via L. Da Vinci, 44 - 10095 Grugliasco (TO)
 Te.: 011/6708681, fax: 011/6708682, e-mail: presidenza@veter.unito.it
 University – Infectious Disease Department
- Organization

DVM thesis
- Occupation or position held

Experimental thesis entitled “Espressione della glicoproteina 53 (gp53) di *Bovine Viral Diarrhea Virus* (BVDV) in sistemi procarioti ed eucarioti” tutor Prof. Sergio Rosati. Expression of the gp53 of BVDV in *E. coli* e insect cells by recombinant *baculoviruses*. Training on other methods as: PCR, ELISA, Western Blotting, IF, cell lines, protein electrophoresis.
- Research activities

3. EDUCATION AND TRAINING

- Dates (from – to)

January 2009 to February 2012
- Name and type of organisation providing education and training

University of Milan
 Faculty of Veterinary Medicine

- Title of qualification awarded

PhD in “**Biotechnology Applied to Veterinary and Zootechnical Sciences**”

Thesis: “TSE GENETICS IN GOATS. LOOKING OUTSIDE THE PRNP OPEN READING FRAME: MOLECULAR CHARACTERIZATION OF THE PRNP REGULATORY REGIONS AND ASSESSMENT OF THE ROLE OF THE SPRN GENE”

- Dates (from - to)
- Name and type of organisation providing education and training
- Title of qualification awarded

From December 2003 to July 2006

University of Turin
Faculty of Veterinary Medicine

Specialization School in “Animal Health, Breeding and Zootechnical Production” (70/70 cum laude)

Thesis: “Caratterizzazione e studio comparativo del gene della proteina prionica (*PrP*) di mammiferi marini mediante analisi molecolari e bioinformatiche”

- Dates (from - to)
- Name and type of organisation providing education and training
- Title of qualification awarded

From October 1994 to July 2001

University of Turin
Faculty of Veterinary Medicine

Degree in Veterinary Medicine (110/110 cum laude)

4. PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

ENGLISH

ADVANCED

ADVANCED

GOOD

5. COMPUTER SKILLS

Knowledge of software for phylogenetic, phylogeographic and NGS data analyses. Use of Windows/Linux operating systems and common Microsoft applications (Word, Excel, Publisher, Powerpoint). Use of Internet and of electronic mail software (Microsoft Outlook, Outlook Express).

6. PUBLICATIONS

1. Cerutti F, Luzzago C, Lauzi S, Ebranati E, Caruso C, Masoero L, Moreno A, Acutis PL, Zehender G, **Peletto S**. Phylogeography, phylodynamics and transmission chains of bovine viral diarrhoea virus subtype 1f in Northern Italy. *Infect Genet Evol.* 2016 Sep 9;45:262-267.
2. Meloni D, Bozzetta E, Langeveld J, Groschup M, Goldmann W,

- Andreoletti O, Lantier I, Van Keulen L, Bossers A, Pitardi D, Nonno R, Ingravalle F, **Peletto S**, Colussi S Acutis PL. EU-approved rapid tests might underestimate bovine spongiform encephalopathy infection in goats. 2016 In press.
3. Caruso C, **Peletto S**, Cerutti F, Modesto P, Robetto S, Domenis L, Masoero L, Acutis PL. Evidence of circulation of the novel border disease virus genotype 8 in chamois. *Arch Virol*. 2016 Oct 19.
 4. Caruso C, **Peletto S**, Rosamilia A, Modesto P, Chiavacci L, Sona B, Balsamelli F, Ghisetti V, Acutis PL, Pezzoni G, Brocchi E, Vitale N, Masoero L. Hepatitis E Virus: A Cross-Sectional Serological and Virological Study in Pigs and Humans at Zoonotic Risk within a High-Density Pig Farming Area. *Transbound Emerg Dis*. 2016 Jul 5. doi: 10.1111/tbed.12533.
 5. Grattarola C, Giorda F, Iulini B, Pintore MD, Pautasso A, Zoppi S, Gorla M, Romano A, **Peletto S**, Varello K, Garibaldi F, Garofolo G, Di Francesco CE, Marsili L, Bozzetta E, Di Guardo G, Dondo A, Mignone W, Casalone C. Meningoencephalitis and *Listeria monocytogenes*, *Toxoplasma gondii* and *Brucella* spp. coinfection in a dolphin in Italy. *Dis Aquat Organ*. 2016 Feb 25;118(2):169-74.
 6. Vallino Costassa E, Fiorini M, Zanusso G, **Peletto S**, Acutis P, Baioni E, Maurella C, Tagliavini F, Catania M, Gallo M, Faro ML, Chieppa MN, Meloni D, D'Angelo A, Paciello O, Ghidoni R, Tonoli E, Casalone C, Corona C. Characterization of Amyloid- β Deposits in Bovine Brains. *J Alzheimers Dis*. 2016;51(3):875-87.
 7. **Peletto S**, Caruso C, Cerutti F, Modesto P, Zoppi S, Dondo A, Acutis PL, Masoero L. A new genotype of border disease virus with implications for molecular diagnostics. *Arch Virol*. 2016 Feb;161(2):471-7.
 8. Meistro S, **Peletto S**, Pezzolato M, Varello K, Botta M, Richelmi G, Biglia C, Baioni E, Modesto P, Acutis P, Bozzetta E. *Sarcocystis* Spp. Prevalence in Bovine Minced Meat: A Histological and Molecular Study. *Ital J Food Saf*. 2015 Jun 9;4(2):4626.
 9. Bellino C, Iussich S, Biasato I, **Peletto S**, Caruso C, Gianella P, Cagnasso A, D'Angelo A. Potential Pathogenetic Role of Bovine Herpesvirus 4 in Two Dairy Cows with Dermatitis-Pyrexia-Hemorrhagic Syndrome. *J Clin Microbiol*. 2015 Aug;53(8):2763-7.
 10. Serracca L, Battistini R, Rossini I, Mignone W, **Peletto S**, Boin C, Pistone G, Ercolini R, Ercolini C. Molecular Investigation on the Presence of Hepatitis E Virus (HEV) in Wild Game in North-Western Italy. *Food Environ Virol*. 2015 Sep;7(3):206-12.
 11. Caruso C, Modesto P, Prato R, Scaglione FE, De Marco L, Bollo E, Acutis PL, Masoero L, **Peletto S**. Hepatitis E Virus: First Description in a Pet House Rabbit. A New Transmission Route for Human? *Transbound Emerg Dis*. 2015 Jun;62(3):229-32.
 12. Alfano F, **Peletto S**, Lucibelli MG, Borriello G, Urciuolo G, Maniaci MG, Desiato R, Tarantino M, Barone A, Pasquali P, Acutis PL, Galiero G. Identification of single nucleotide polymorphisms in Toll-like receptor candidate genes associated with tuberculosis infection in water buffalo (*Bubalus bubalis*). *BMC Genet*. 2014 Dec 14;15:139.

13. Caruso C, Modesto P, Bertolini S, **Peletto S**, Acutis PL, Dondo A, Robetto S, Mignone W, Orusa R, Ru G, Masoero L. Serological and virological survey of hepatitis E virus in wild boar populations in northwestern Italy: detection of HEV subtypes 3e and 3f. *Arch Virol*. 2015 Jan;160(1):153-60.
14. Pintore MD, Ceballos L, Iulini B, Tomassone L, Pautasso A, Corbellini D, Rizzo F, Mandola ML, Bardelli M, **Peletto S**, Acutis PL, Mannelli A, Casalone C. Detection of Invasive *Borrelia burgdorferi* Strains in North-Eastern Piedmont, Italy. *Zoonoses Public Health*. 2015 Aug;62(5):365-74.
15. Rizzo F, Cerutti F, Ballardini M, Mosca A, Vitale N, Radaelli MC, Desiato R, Prearo M, Pautasso A, Casalone C, Acutis P, **Peletto S**, Mandola ML. Molecular characterization of flaviviruses from field-collected mosquitoes in northwestern Italy, 2011-2012. *Parasit Vectors*. 2014 Aug 26;7:395.
16. Luzzago C, Lauzi S, Ebranati E, Giammarioli M, Moreno A, Cannella V, Masoero L, Canelli E, Guercio A, Caruso C, Ciccozzi M, De Mia GM, Acutis PL, Zehender G, **Peletto S**. Extended genetic diversity of bovine viral diarrhoea virus and frequency of genotypes and subtypes in cattle in Italy between 1995 and 2013. *Biomed Res Int*. 2014;2014:147145.
17. Caruso C, Dondo A, Cerutti F, Masoero L, Rosamilia A, Zoppi S, D'Errico V, Grattarola C, Acutis PL, **Peletto S**. Aujeszky's disease in red fox (*Vulpes vulpes*): phylogenetic analysis unravels an unexpected epidemiologic link. *J Wildl Dis*. 2014 Jul;50(3):707-10.
18. Caruso C, **Peletto S**, Gustinelli A, Arsieni P, Mordenti O, Modesto P, Acutis PL, Masoero L, Fioravanti ML, Prearo M. Detection of a phylogenetically divergent eel virus European X (EVEX) isolate in European eels (*Anguilla anguilla*) farmed in experimental tanks in Italy. *Aquaculture* 2014; 434: 115-120.
19. Rosamilia A, Grattarola C, Caruso C, **Peletto S**, Gobbi E, Tarello V, Caroggio P, Dondo A, Masoero L, Acutis PL. Detection of border disease virus (BDV) genotype 3 in Italian goat herds. *Vet J*. 2014 Mar;199(3):446-50.
20. Colussi S, Prearo M, Bertuzzi SA, Scanzio T, **Peletto S**, Favaro L, Modesto P, Maniaci MG, Ru G, Desiato R, Acutis PL. Association of a specific major histocompatibility complex class II β single nucleotide polymorphism with resistance to lactococcosis in rainbow trout, *Oncorhynchus mykiss* (Walbaum). *J Fish Dis*. 2015 Jan;38(1):27-35.
21. Modesto P, **Peletto S**, Pisoni G, Cremonesi P, Castiglioni B, Colussi S, Caramelli M, Bronzo V, Moroni P, Acutis PL. Evaluation of internal reference genes for quantitative expression analysis by real-time reverse transcription-PCR in somatic cells from goat milk. *J Dairy Sci*. 2013;96(12):7932-44.
22. 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. Epidemiological history and phylogeography of West Nile virus lineage 2. *Infect Genet Evol*. 2013 Jul;17:46-50.

23. Nogarol C, Acutis PL, Bianchi DM, Maurella C, **Peletto S**, Gallina S, Adriano D, Zuccon F, Borrello S, Caramelli M, Decastelli L. Molecular characterization of *Pseudomonas fluorescens* isolates involved in the Italian "blue mozzarella" event. *J Food Prot.* 2013 Mar;76(3):500-4.
24. Mazzariol S, **Peletto S**, Mondin A, Centelleghes C, Di Guardo G, Di Francesco CE, Casalone C, Acutis PL. Dolphin morbillivirus infection in a captive harbor seal (*Phoca vitulina*). *J Clin Microbiol.* 2013 Feb;51(2):708-11.
25. Borriello G, **Peletto S**, Lucibelli MG, Acutis PL, Ercolini D, Galiero G. Link between geographical origin and occurrence of *Brucella abortus* biovars in cow and water buffalo herds. *Appl Environ Microbiol.* 2013 Feb;79(3):1039-43.
26. Di Guardo G, Di Francesco CE, Eleni C, Cocumelli C, Scholl F, Casalone C, **Peletto S**, Mignone W, Tittarelli C, Di Nocera F, Leonardi L, Fernández A, Marcer F, Mazzariol S. Morbillivirus infection in cetaceans stranded along the Italian coastline: pathological, immunohistochemical and biomolecular findings. *Res Vet Sci.* 2013 Feb;94(1):132-7.
27. S. Sartore, R. Rasero, S. Colussi, P.L. Acutis, **S. Peletto**, D. Soglia, S. Maione, V. Spalenza, P. Sacchi. Effect of selection for scrapie resistance on genetic diversity in a rare and locally adapted sheep breed: The case of Sambucana. *Livestock Science* 157 (2013) 75-80.
28. **Peletto S**, Lo Presti A, Modesto P, Cella E, Acutis PL, Farchi F, Ciotti M, Zehender G, Ciccozzi M. Genetic diversity of Usutu virus. *New Microbiol.* 2012 Apr;35(2):167-74.
29. **Peletto S**, Bertolini S, Maniaci MG, Colussi S, Modesto P, Biolatti C, Bertuzzi S, Caramelli M, Maurella C, Acutis PL. Association of an indel polymorphism in the 3'UTR of the caprine SPRN gene with scrapie positivity in the central nervous system. *J Gen Virol.* 2012 Jul;93(Pt 7):1620-3.
30. Acutis PL, Martucci F, D'Angelo A, **Peletto S**, Colussi S, Maurella C, Porcario C, Iulini B, Mazza M, Dell'atti L, Zuccon F, Corona C, Martinelli N, Casalone C, Caramelli M, Lombardi G. Resistance to classical scrapie in experimentally challenged goats carrying mutation K222 of the prion protein gene. *Vet Res.* 2012 Feb 1;43:8.
31. **Peletto S**, Bertuzzi S, Campanella C, Modesto P, Maniaci MG, Bellino C, Ariello D, Quasso A, Caramelli M, Acutis PL. Evaluation of internal reference genes for quantitative expression analysis by real-time PCR in ovine whole blood. *Int J Mol Sci.* 2011;12(11):7732-47.
32. 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. Detection of a morphogenetically novel *Sarcocystis hominis*-like in the context of a prevalence study in semi-intensively bred cattle in Italy. *Parasitol Res.* 2011 Dec;109(6):1677-87.
33. Modesto P, Cava PL, **Peletto S**, Colussi S, Vidus Rosin A, Meriggi A, Acutis PL. Evaluation of genetic variability in brown hare populations from two protected areas in northern Italy. *Hystrix It. J. Mamm. (n.s.)* 22(2) 2011: 257-268.

34. **Peletto S**, Zuccon F, Pitti M, Gobbi E, Marco LD, Caramelli M, Masoero L, Acutis PL. Detection and phylogenetic analysis of an atypical pestivirus, strain IZSPLV_To. *Res Vet Sci.* 2012 Feb;92(1):147-50. doi: 10.1016/j.rvsc.2010.10.015.
35. Mazza M, Iulini B, Vaccari G, Acutis PL, Martucci F, Esposito E, **Peletto S**, Barocci S, Chiappini B, Corona C, Barbieri I, Caramelli M, Agrimi U, Casalone C, Nonno R. Co-existence of classical scrapie and Nor98 in a sheep from an Italian outbreak. *Res Vet Sci.* 2010 Jun;88(3):478-85. doi: 10.1016/j.rvsc.2009.11.015.
36. Gallone S, Giordana MT, Scarpini E, Rainero I, Rubino E, Fenoglio P, Galimberti D, Grifoni S, Venturelli E, Acutis PL, **Peletto S**, Maniaci MG, Ferrero P, Zotta M, Pinessi L. Absence of TARDBP gene mutations in an Italian series of patients with frontotemporal lobar degeneration. *Dement Geriatr Cogn Disord.* 2009;28(3):239-43. doi: 10.1159/000241876.
37. Vaccari G, Panagiotidis CH, Acin C, **Peletto S**, Barillet F, Acutis P, Bossers A, Langeveld J, van Keulen L, Sklaviadis T, Badiola JJ, Andréoletti O, Groschup MH, Agrimi U, Foster J, Goldmann W. State-of-the-art review of goat TSE in the European Union, with special emphasis on PRNP genetics and epidemiology. *Vet Res.* 2009 Sep-Oct;40(5):48.
38. **Peletto S**, Perucchini M, Acín C, Dalgleish MP, Reid HW, Rasero R, Sacchi P, Stewart P, Caramelli M, Ferroglio E, Bozzetta E, Meloni D, Orusa R, Robetto S, Gennero S, Goldmann W, Acutis PL. Genetic variability of the prion protein gene (PRNP) in wild ruminants from Italy and Scotland. *J Vet Sci.* 2009 Jun;10(2):115-20.
39. Domenis L, Pecoraro P, Spedicato R, Corvonato M, **Peletto S**, Zuccon F, Acutis P. *Nocardia ovis* pneumonia in an Alpine chamois (*Rupicapra rupicapra rupicapra*). *J Comp Pathol.* 2009 Jul;141(1):70-3. doi: 10.1016/j.jcpa.2009.02.003.
40. Acutis PL, **Peletto S**, Grego E, Colussi S, Riina MV, Rosati S, Mignone W, Caramelli M. Comment on "Comparative genomic analysis of the whale (*Pseudorca crassidens*) PRNP locus". *Genome.* 2008 Dec;51(12):1062. doi: 10.1139/G08-091.
41. Acutis PL, Colussi S, Santagada G, Laurenza C, Maniaci MG, Riina MV, **Peletto S**, Goldmann W, Bossers A, Caramelli M, Cristofori I, Maione S, Sacchi P, Rasero R. Genetic variability of the PRNP gene in goat breeds from Northern and Southern Italy. *J Appl Microbiol.* 2008 Jun;104(6):1782-9.
42. Grego E, Bertolotti L, **Peletto S**, Amore G, Tomassone L, Mannelli A. *Borrelia lusitaniae* OspA gene heterogeneity in Mediterranean basin area. *J Mol Evol.* 2007 Nov;65(5):512-8.
43. Grego E, Uslenghi F, Strasser M, Luzzago C, Frigerio M, **Peletto S**, Rosati S. Development and application of an enzyme-linked immunosorbent assay for detection of bovine viral diarrhoea antibody based on Erns glycoprotein expressed in a baculovirus system. *J Vet Diagn Invest.* 2007 Jan;19(1):21-7.
44. Acutis PL, **Peletto S**, Grego E, Colussi S, Riina MV, Rosati S, Mignone

W, Caramelli M. Comparative analysis of the prion protein (PrP) gene in cetacean species. *Gene*. 2007 May 1;392(1-2):230-8.

45. Acutis PL, Martucci F, Mazza M, **Peletto S**, Iulini B, Corona C, Bozzetta E, Casalone C, Caramelli M. A case of scrapie in a sheep carrying the lysine-171 allele of the prion protein gene. *Arch Virol*. 2006 Sep;151(9):1875-80.
46. Acutis PL, Bossers A, Priem J, Riina MV, **Peletto S**, Mazza M, Casalone C, Forloni G, Ru G, Caramelli M. Identification of prion protein gene polymorphisms in goats from Italian scrapie outbreaks. *J Gen Virol*. 2006 Apr;87(Pt 4):1029-33.

Turin, 17 November 2016

Dr. Simone Peletto

