



PERSONAL INFORMATION

ROSANNA DESIATO

 TORINO (Italy)  
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WORK EXPERIENCE

15/12/2017–Present

ISTITUTO ZOOPROFILATTICO SPERIMENTALE PLVA, TORINO (Italy)  
 Veterinary at Reference Laboratory for Transmissible Spongiform Encephalopathies (CEA)

01/02/2011–14/12/2017

ISTITUTO ZOOPROFILATTICO SPERIMENTALE PLVA, TORINO (Italy)  
 Temporary contract as veterinary epidemiologist at Biostatistics, Epidemiology and Risk Analysis

EDUCATION AND TRAINING

28/01/2012–18/01/2013

**Master in Genetic and Molecular Epidemiology**  
 Faculty of Medicine, University of Pavia, Pavia (Italy)  
 Genetics, Epidemiology and Biostatistics

28/02/2011–06/12/2011

**Advanced training course in “Statistics applied to medical issues”, 5th edition**  
 Faculty of Medicine of Modena and Reggio Emilia, Modena (Italy)  
 Statistical skills in study design and sample size estimation, descriptive statistics, non parametric statistics, Bayesian approach to medical statistics.

22/01/2001–08/06/2004

**Specialist in Inspection of food of animal origin**  
 Faculty of Veterinary Medicine, University of Turin, Torino (Italy)  
 Food and hygiene control

05/2001–05/2001

**Veterinary medical license**

19/07/2000–19/07/2000

**Degree in veterinary medicine**  
 Faculty of Veterinary Medicine, University of Turin  
 Doctor in veterinary medicine

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

**Communication skills** Good communication skills gained through her experiences in oral presentation at national and international conferences and courses.

- Organisational / managerial skills**
- time-management skills;
  - attitude to work planning;
  - project management skills;
  - ability to work as part of a team.

**Job-related skills** Research activity on surveillance of animal diseases, mainly on vector borne diseases. Collaboration in implementing monitoring plan on mosquitoes and ticks in Piedmont and Liguria Regions, management of field work and data collection, species identification.  
 Research in the epidemiology field especially regarding TSEs and environmental safety dealing with monitoring and surveillance of animal diseases, carrying out monitoring plan on food and animals, collecting and computing data

**Digital skills**

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Basic user	Basic user

Digital skills - Self-assessment grid

To carry out statistical analysis she is a current user of the STATA statistical software and of other similar package (Epi Info, R, WinEpiscope). She has excellent knowledge of word processors, spreadsheets, presentation programs and database software (e.g. Microsoft Office suite). She is also a current user of Arc GIS 9.2 software to carry out spatial analysis and geoprocessing on georeferenced data.

**ADDITIONAL INFORMATION**

**Publications** "Application of a risk-based standardized animal biomonitoring approach to contaminated sites". Paola Scaramozzino & Sabrina Battisti & Rosanna **Desiato** & Marco Tamba & Giorgio Fedrizzi & Alessandro Ubaldi & Bruno Neri & Maria Cesarina Abete & Giuseppe Ru. Environ Monit Assess (2019) 191:526.

"Motor neuron degeneration, severe myopathy and TDP-43increase in a transgenic pig model of SOD1-linked familiar ALS". Paola Crociara, Maria Novella Chieppa, Elena Vallino Costassa, Elena Berrone, Marina Gallo, Monica Lo Faro, Maria Domenica Pintore, Barbara Iulini, Antonio D'Angelo, Giovanni Perona, Alberto Botter, Donato Fomicola, Alberto Rainoldi, Marianna Paulis, Paolo Vezzoni, Federica Meli, Fiorenzo A. Peverali, Caterina Bendotti, Maria Chiara Trolese, Laura Pasetto, Valentina Bonetto, Giovanna Lazzari, Roberto Duchi, Andrea Perota, Irina Lagutina, Corinne Quadalti, Maria Silvia Gennero, Daniela Dezzutto, Rosanna **Desiato**, Marina Boido, Matilde Ghibaudi, Maria Consuelo Valentini, Maria Caramelli, Cesare Galli, Cristina Casalone, Cristiano Corona. Neurobiology of Disease. DOI: <https://doi.org/10.1016/j.nbd.2018.11.021>.

Progress in Molecular Biology and Translational Science. "Chapter Eleven - Phenotypical Variability in Bovine Spongiform Encephalopathy: Epidemiology, Pathogenesis, and Diagnosis of Classical and Atypical Forms". Cristiano Corona, Elena Vallino Costassa, Barbara Iulini, Maria Caramelli, Elena Bozzetta, Maria Mazza, Rosanna **Desiato**, Giuseppe Ru, Cristina Casalone. Volume 150, 2017, Pages 241-265.

"Estimating canine cancer incidence: findings from a population-based tumour registry in northwestern Italy". Elisa Baioni, Eugenio Scanziani, Maria Claudia Vincenti, Mauro Leschiera, Elena Bozzetta,

Marzia Pezzolato, Rosanna **Desiato**, Silvia Bertolini, Cristiana Maurella and Giuseppe Ru. BMC Veterinary Research (2017) 13:203.

“Gravimetric quantitative determination of packaging residues in feed from former food”. Giuseppina Amato, Rosanna **Desiato**, Tiziana Giovannini, Luciano Pinotti, Marco Tretola, Marilena Gili & Daniela Marchis. Food Additives & Contaminants: Part A DOI: 10.1080/19440049.2017.1337277.

“Control of Mosquito-Borne Diseases in Northwestern Italy: Preparedness from One Season to the Next”. Federica Verna, Paola Modesto, Maria Cristina Radaelli, Danila Raffaella Francese, Enrico Monaci, Rosanna **Desiato**, Carla Grattarola, Simone Peletto, Andrea Mosca, Giovanni Savini, Rosa Chianese, Vittorio Demicheli, Marino Prearo, Laura Chiavacci, Alessandra Pautasso, and Cristina Casalone. Vector-borne and zoonotic diseases Volume 17, Number 5, 2017.

“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 Feb 10.

“Dioxin-like compounds in lake fish species: evaluation by DR-Calux bioassay”. Francesca Martucci, Simona Sciuto, Marino Prearo, Rosanna **Desiato**, Tommaso Scanzio, Luana Dell’Atti, Chiara Bulfon, Giuseppe Ru, Donatella Volpatti, Pier Luigi Acutis. 7th International Symposium on Recent Advances in Food Analysis, Praga, 3-6 Novembre 2015.

“Identification of single nucleotide polymorphisms in Toll-like receptor candidate genes associated with tuberculosis infection in water buffalo (*Bubalus bubalis*)”. Flora Alfano, Simone Peletto, Maria G Lucibelli, Giorgia Borriello, Giovanna Urciuolo, MariaG Maniaci, Rosanna Desiato, Michela Tarantino, Amalia Barone, Paolo Pasquali, Pier Luigi Acutis and Giorgio Galiero. BMC Genetics 2014, 15:139.

“A transboundary surveillance network to monitor mosquito-borne diseases in the Mediterranean area”, Rosanna Desiato, Alessandra Pautasso, Danila Raffaella Francese, Marco Ballardini, Annalisa Accorsi, Cristiana Colombino, Maddalena Irranca, Mariella Obinu, Piergiorgio Murtas, Marco Selmi, Jean Alfonsi, Jean-Baptiste Santoni, Cristina Casalone, Walter Mignone. 7th International Conference on Emerging Zoonoses, 16-17 Ottobre 2014, Berlino.

“Data on milk dioxin contamination linked with the location of fodder croplands allow to hypothesize the origin of the pollution source in an Italian valley”. Rosanna Desiato, Silvia Bertolini, Elisa Baioni, Giampiero Scortichini, Alessandro Ubaldi, Bruno Sparagna, Giancarlo Cuttica, Giuseppe Ru. Science of the Total Environment 499 (2014) 248-256.

“Encefalopatia spongiforme bovina: la sorveglianza tra passato e futuro”. R. Desiato, C. Maurella, B. Iulini, A. Pautasso, S. Colussi, D. Meloni, G. Ru, C. Casalone, M. Caramelli. Large Animal Review 2014; 20:99-102.

“Molecular characterization of arboviruses from field-collected mosquitoes in north western Italy, 2012”. Rizzo F, Cerutti F, Ballardini M, Mosca A, Vitale N, Radaelli MC, Desiato R, Prearo M, Pautasso A, Casalone C, Acutis P, Peletto, Mandola ML., Parasites & Vectors 2014, 7:395.

“Association of a specific major histocompatibility complex class IIb single nucleotide polymorphism with resistance to lactococcosis in rainbow trout, *Oncorhynchus mykiss* (Walbaum). S Colussi, M Prearo, S A Bertuzzi, T Scanzio, S Peletto, L Favaro, P Modesto, M G Maniaci, G Ru, R Desiato and P L Acutis, Journal of Fish Diseases 2014, doi:10.1111/jfd.12193.

“Mosquito Surveillance in Northwestern Italy to Monitor the Occurrence of Tropical Vector-Borne Diseases”, Pautasso A., Desiato R., Bertolini S., Vitale N., Radaelli M.C., Mancini M., Rizzo F., Mosca

A., Calzolari M., Prearo M., Mandola M.L., Maurella C., Mignone W., Chiavacci L. and Casalone C., *Transboundary and Emerging Diseases*, 60 (Suppl. 2) (2013) 154–161.

“DR-CALUX: a useful screening and biomonitoring tool for dioxins contamination in milk”. S. Sciuto, R. Desiato, S. Squadrone, L. Dell’Atti, G. Ru, M. C. Abete, A. Ubaldi, M. Caramelli, P.L. Acutis, F. Martucci. ECVPH, Torino, 19-20 settembre 2013.

“Valutazione del biosaggio cellulare DR-CALUX come metodo di screening per la rivelazione di contaminazioni da diossine nel latte in Piemonte”. S. Sciuto, F. Martucci, R. Desiato, M. Mazza, Guglielmetti, Dell’Atti, A. Ubaldi, G. Ru, P. Acutis, M. Caramelli. *Large Animal Review*, Anno 19, Numero 3, Giugno 2013.

“A relevant long-term impact of the circulation of a potentially contaminated vaccine on the distribution of scrapie in Italy. Results from a retrospective cohort study”. Silvia Bertolini, Cristiana Maurella, Cristina Bona, Francesco Ingravalle, Rosanna Desiato, Elisa Baioni, Laura Chiavacci, Maria Caramelli and Giuseppe Ru, *Veterinary Research* 2012, 43:63.

“Environmental micropollutants in livestock products from Susa Valley, Piedmont.” – Rosanna Desiato, Elisa Baioni, Giancarlo Cuttica, Bruno Sparagna, Paolo Berruto, Maria Cesarina Abete, Silvia Bertolini, Cristiana Maurella, Maria Caramelli, Laura Chiavacci, Giuseppe Ru, *Epidemiologia e Prevenzione* 2012; 36 (5) supplemento 4, numero 5 settembre-ottobre 2012.