



ROSANNA
DESIATO

CONTACT



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10154 TORINO, Italy



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WORK EXPERIENCE

15/12/2017 - CURRENT - TORINO

Senior researcher veterinarian

ISTITUTO ZOOPROFILATTICO SPERIMENTALE PLVA

Department of Neuroscience.

Research activity on surveillance of animal diseases with main experience on vector borne diseases and TSEs.

TORINO, Italy

01/02/2011 - 14/12/2017 - TORINO

Veterinary epidemiologist

ISTITUTO ZOOPROFILATTICO SPERIMENTALE PLVA

Temporary contract as veterinary epidemiologist at Biostatistics, Epidemiology and Risk Analysis.

TORINO, Italy

EDUCATION AND TRAINING

28/01/2012 - 18/01/2013 - Pavia, Italy

Master in Genetic and Molecular Epidemiology

Faculty of Medicine, University of Pavia

Genetics, Epidemiology and Biostatistics

28/02/2011 - 06/12/2011 - Modena, Italy

Advanced training course in "Statistics applied to medical issues", 5th edition

Faculty of Medicine of Modena and Reggio Emilia

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 - Torino, Italy

Specialist in Inspection of food of animal origin

Faculty of Veterinary Medicine, University of Turin

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

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

English

Listening
B2

Reading
B2

Spoken
production
B2

Spoken
interaction
B2

Writing
B2

French

Listening
A2

Reading
A2

Spoken
production
A2

Spoken
interaction
A2

Writing
A2

PUBLICATIONS

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-43 increase 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 Formicola, 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

ORGANISATIONAL SKILLS

● Skills and attitudes

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

COMMUNICATION AND INTERPERSONAL SKILLS

● Experiences

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

JOB-RELATED SKILLS

● Acquired 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 activity in the epidemiology field especially regarding TSEs, dealing with monitoring and surveillance of animal diseases, carrying out monitoring plans on food and animals, collecting and computing data. Research activity in risk assessment in environmental contamination.