

Nadia Stoppani

Professional Experience

01/11/2022 to Date

PhD Student

Università degli Studi di Torino – Facoltà di Medicina Veterinaria
LARGO PAOLO BRACCINI 2 – 10095 GRUGLIASCO - ITALY

PhD in Veterinary Science for Animal Health and Food Safety
DNA polymorphisms and RNA expression of candidate genes and chromosomal region to identify new productive and reproductive genetic markers useful for performance improvement of local chicken breeds

01/10/2022–31/10/2022

Researcher

Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle D'Aosta
VIA BOLOGNA 148 - 10154 TORINO - ITALY

Contratto a T.D. – Ricercatore Sanitario (Legge n. 205 del 27 dicembre 2017)

European Project: SUPERTROUT. Increasing performance and profit of small-scale European rainbow trout farm.

Main Laboratory activities related to molecular biology: Sanger sequencing, PCR, gel electrophoresis, analysis of polymorphisms.

Divulcation activities: creation of newsletter, dissemination through social media post and poster, presentations at conferences.

01/08/2021–01/10/2022

Biotech Fellow

Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle D'Aosta
VIA BOLOGNA 148 - 10154 TORINO – ITALY

Borsa di Studio Laureato in Biotecnologie II livello

European Project: SUPERTROUT.

Main Laboratory activities related to molecular biology: Sanger sequencing, PCR, gel electrophoresis, analysis of polymorphisms.

Divulcation activities: creation of newsletter, dissemination through social media post and poster, presentations at conferences.



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ORCID: 0000-0003-3294-2222

Research ID: GUV-0259-2022

Research Area:
Agricultural and Biological Sciences
Environmental Science



Abstract

- **EAAP, European Federation of Animal Science (01-05/09/2024)**
Firenze, Italy

Oral Presentation

“Feather’s transcriptome analysis in local chickens fed two different diets: a possible marker to study lipid metabolism”

N. Stoppani, F. Raspa, E. Fiorilla, S. Maione, C. Mugnai, A. Schiavone, D. Soglia.

Poster

“Potential use of a pocket near-infrared spectroscopy device to directly discriminate local chicken meat”

N. Stoppani, C.L. Manuelian, S. Sciuto, E.E. Cappone, M. Gariglio, P.L. Acutis, A. Schiavone, D. Soglia.

- **European Poultry Conference (24-28/06/2024)**
Valencia, Spain

Oral Presentation

“Effect of a high-energet diet on liver stress and lipid metabolisms, meat and carcass traits in a slow-growing chicken breed”

N. Stoppani, F. Raspa, E. Fiorilla, C. Mugnai, V. Zambotto, S. Nurisso, A. Schiavone, D. Soglia.

Abstract

“Recovering Italian poultry treasures: reviving the Millefiori Piemontese breed”

E.E. Cappone, V. Bongiorno, E. Fiorilla, N. Stoppani, F. Gai, V. Zambotto, D. Soglia, M. Gariglio, A. Schiavone.

- **IEE-MeAVeAS (22-24/04/2024)**
Torino, Italy.

Oral Presentation

“First application of near-infrared spectroscopy to classify Bionda Piemontese chicken meat”

N. Stoppani, E. Albanell, V. Zambotto, D. Soglia, C. Mugnai, A. Schiavone, C.L. Manuelian.

Abstract

“Measuring ethological parameters and their correlation with corticosterone levels in three slow-growing Piedmontese chicken breeds”

E.E. Cappone, V. Bongiorno, E. Fiorilla, M. Gariglio, E. Macchi, I. Manenti, N. Stoppani, D. Soglia, A. Schiavone.

- **Game of Research (16/12/2023)**
Veterinary Medicine, University of Turin.

Oral presentation: 1st BEST ORAL PRESENTATION

“Preliminary near-infrared spectroscopy analysis to predict chicken meat quality”

N. Stoppani, S. Sciuto, C.L. Manuelian, E.E. Cappone, M. Gariglio, P.L. Acutis, A. Schiavone and D. Soglia



- **ESVCN 27th Congress of the European Society of Veterinary and Comparative Nutrition (07-09/09/2023)**
Vila Real, Portugal.

Abstract

“Whole transcriptome analysis in broiler chicken fed mealworm meal”

J. Nery, D. Soglia, S. Sartore, S. Maione, N. Stoppani, P. Sacchi, D. Bergero, C. Bianchi, F. Gai, L. Gasco and A. Schiavone.

- **ASPA 25th Congress (13-16/06/2023)**
Monopoli, Italy.

Oral Presentation

“Evaluation of the effect of the breeding system on the expression of liver genes in local slow-growing chicken breeds”

F. Raspa, N. Stoppani, D. Soglia, F. Perini, E. Fiorilla, M. Profiti, S. Maione, A. Schiavone, P. Sacchi, E. Lasagna and C. Mugnai.

Abstract

“Effect of bakery by-products inclusion in the broiler’s diet on growth performance, carcass yield and gene expression profiling”

K. Srikanthithasan, M. Gariglio, E. Fiorilla, A. Giorgino, L. Dellepiane, E. Diaz Cuna, D. Sola, V. Bongiorno, S. Bergagna, A. Schiavone, F. Raspa, M. Profiti, N. Stoppani, D. Soglia and C. Forte.

“Multiplex Digital Expression Gene Analysis (MuDEGA) of 11 liver poultry genes with NGS approach”

F. Raspa, N. Stoppani, F. Perini, E. Fiorilla, M. Profiti, S. Maione, A. Schiavone, P. Sacchi, E. Lasagna, C. Mugnai and D. Soglia.

- **Game of Research (15/12/2022)**
Veterinary Medicine, University of Turin.

Poster: 2nd BEST POSTER

“Study of productive and reproductive genetic marker in local chicken breed: DNA polymorphisms and RNA expression molecular analysis”
N. Stoppani and D. Soglia.

“Use of NIR Spectroscopy as a new non-invasive diagnostic approach in aquaculture”.

S. Sciuto, N. Stoppani, P. Pastorino, G. Esposito, A. Gabetti, A. Maganza, G. Esposito, V. Montemurro, K. Varello, P.L. Acutis, S. Colussi.

- **Aquaculture Europe (EAS) (27-30/09/2022)**
Rimini, Italy.


Abstract

*“Detection of virulence factors in *L. garvieae* belonging to small-scale trout productions in Mediterranean Area”*

S. Colussi, R.C. Ozturk, S. Sciuto, N. Stoppani, K. Bitchava, C. Kotzamanidis, A.I. Vela, J.F. Fernandez-Garayzabal, M.M. Blanco, L. Fariano, D. Volpatti, M. Tomasoni, M. Prearo, M. Ture, P.L. Acutis and I. Altinok.

- **Società Italiana Patologia Ittica (SIPI) (23-25/06/2022)**
Messina, Italy

Oral Presentation:



“Regione Intragenica Spaziatrice (ITS) 16S-23S come sistema diagnostico rapido per differenziare Lactococcus garvieae e Lactococcus petauri”

Stoppani N., Sciuto S., Prearo M., Pastorino P., Vela A. I., Altinok I., Kotzamanidis C., Fariano L., Volpatti D., Acutis P.L. and Colussi S.

Poster

“Phenotypic and genotypic antibiotic resistance of L. garvieae strains isolated from small-scale rainbow trout, Oncorhynchus mykiss, farming systems in Italy”

Ozturk R.C, Colussi S., Ture M., Vela A.I., Bitchava K., Volpatti D., Fariano L., Stoppani N., Pastorino P., Acutis P.L., Prearo M. and Altinok I.

- **Aquaculture (28/02-04/03 2022)**
San Diego, California.

Abstract

“SUPERTROUT: improving sustainability and performance of aquaculture farming system through breeding for lactococcosis resistance in rainbow trout”

N. Stoppani, P. Pastorino, I. Altinok, K. Bitchava, L. Fariano, A.I. Vela, D. Volpatti and P.L. Acutis.

“Isolation and identification of Vibrio colonies from captive juveniles of lesser spotted dogfish Scyliorhinus canicula”

G. Esposito, P. Pastorino, M. Tomasoni, D. Mugetti, N. Stoppani, V. Menconi, F. Gagliardi, I. Corrias, A. Pira, P.L. Acutis, A. Dondo, M. Prearo and S. Colussi.

Article

(2024) N. Stoppani, E.E. Cappone, D. Soglia, M. Profiti, S. Maione, A. Schiavone and S. Sartore.

“Genetic characterisation of a recovered Italian chicken breed: the Millefiori Piemontese”

Italian Journal of Animal Science 23(1): 1456-1468

(2024) K. Srikanthithasan, M. Gariglio, E. Diaz Vicuna, E. Fiorilla, B. Miniscalco, V. Zambotto, E.E. Cappone, N. Stoppani, D. Soglia, F. Raspa, J. Nery, A. Giorgino, R. Sala, A.L. Martinez Marinz, J. Madrid Sanchez, A. Schiavone and C. Forte.

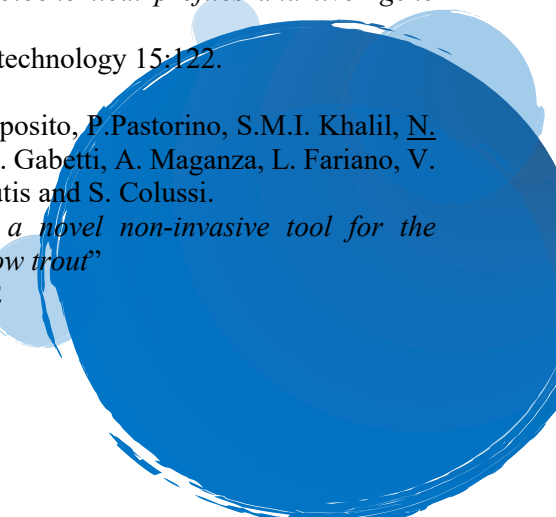
“Dietary processed former foodstuffs for broiler: impacts on growth performance, digestibility, hematobiochemical profiles and liver gene abundance”


Journal of Animal Science and Biotechnology 15:122.

(2023) S. Sciuto, D. Volpatti, G. Esposito, P. Pastorino, S.M.I. Khalil, N. Stoppani, G. Esposito, M. Prearo. A. Gabetti, A. Maganza, L. Fariano, V. Montemurro, E. Bozzetta, P.L. Acutis and S. Colussi.

“Near infrared spectroscopy as a novel non-invasive tool for the detection of lactococcosis in rainbow trout”

Aquaculture Reports 33(1), 101862





(2023) N. Stoppani, S. Colussi, P. Pastorino, M. Prearo, S. Sciuto, I. Altinok, R.C. Öztürk, M. Ture, A.I. Vela, M.D.M Blanco, C. Kotzamanidis, K. Bitchava, A. Malousi, L. Fariano, D. Volpatti, P.L. Acutis and J.F. Fernández-Garayzábal
“16S-23S rRNA Internal Transcribed Spacer Region (ITS) Sequencing: A Potential Molecular Diagnostic Tool for Differentiating *Lactococcus garvieae* and *Lactococcus petauri*”
Microorganisms: 11(5), 1320.

(2023) S.M.I. Khalil, E. Saccà, M. Galeotti, S. Sciuto, N. Stoppani, P.L. Acutis, R.C. Öztürk, K. Bitchava, M.D.M. Blanco, L. Fariano, M. Prearo, S. Colussi and D. Volpatti
“In field study on immune-genes expression during a lactococcosis outbreak in rainbow trout (*Oncorhynchus mykiss*)”
Aquaculture 574(5):739633

(2022) S. Sciuto, M. Prearo, L. Colli, A. Fabris, P. Pastorino, N. Stoppani, G. Esposito, G. Esposito, P. Ajmone-Marsan, P.L. Acutis and S. Colussi
“What can genetics do for the control of infectious diseases in aquaculture?”
Animals, 12(17), 2176.

(2022) M. Tomasoni, G. Esposito, D. Mugetti, P. Pastorino, N. Stoppani, V. Menocni, (...), S. Colussi.
“The Isolation of *Vibrio crassostreae* and *V. cyclitrophicus* in Lesser-Spotted Dogfish (*Scyliorhinus canicula*) Juveniles Reared in a Public Aquarium”
Journal of Marine Science and Engineering, 10(1), 11

Honors and awards

- **75th EAAP Annual Meeting** (1st-5th September 2024, Firenze)

Winner of the EAAP Scholarship

“Feather’s transcriptome analysis in local chickens fed with two different diets: a possible marker to study lipid metabolism”

- **XVI European Poultry Conference** (24th- 28th June 2024, Valencia)

Winner of the Youth Program

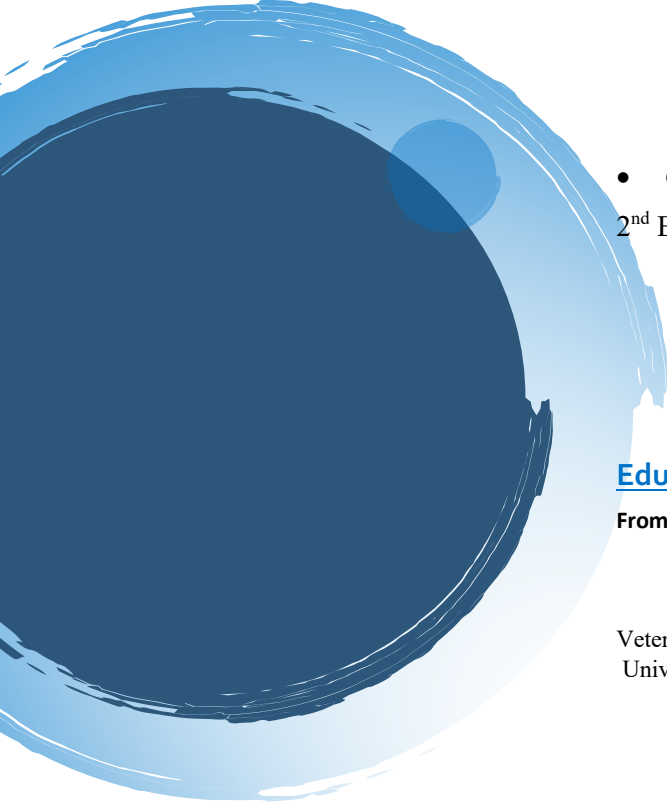
“Effect of a high-energy diet on liver stress and lipid metabolisms, meat and carcass traits in a slow-growing chicken breed”

- **Game of Research** (16th December 2023, Torino)

1st BEST ORAL PRESENTATION

“Preliminary Near-Infrared Spectroscopy analysis to predict chicken meat quality”



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- **Game of Research** (15th December 2022, Torino)

2nd BEST POSTER

“Study of productive and reproductive genetic marker in local chicken breed: DNA polymorphisms and RNA expression molecular analysis”

Education

From September 2018 to February 2021

Master Degree

Veterinary Biotechnology Sciences (LM-9)
University of Milan, Italy.

“Characterization of the metabolic profile of intrahepatic cholangiocarcinoma tumor cells by Mass Spectrometry”

110/110 with honor

From September 2014 to July 2018

Bachelor’s Degree

Production and Management of Farm and Wild Animals (L-89)
University of Turin, Italy.

“GSD (Genotypic Sex Determination) in Italian Turtle species: Testudo hermanni, Testudo graeca and Testudo marginata”

110/110

