

Cristian Piras

Assistant Professor

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Catanzaro, Italy

EDUCATION:

Ph.D, Molecular Medicine

University of Milan (Dec. 2009), Thesis title: "Serum protein profiling of Crohn's disease" Project: Mycobacterium avium sub. paratuberculosis as possible zoonotic agent.

B.S. in Biology

University of Cagliari, (July. 2005), Italy, Thesis title: "Evaluation of neurosteroids concentration in relation to the expression of GABAA receptor in WAG/Rij rats, an animal model of absence epilepsy"

Teaching and student advising :

-Lecturer of Veterinary Pharmacology and Toxicology, Magna Graecia University of Catanzaro
-Teaching assistant of Veterinary microbiology courses and laboratory practice for Biotechnology and Veterinary Medicine students, University of Milan.

Bibliometric summary

h-index: 22 (Scopus)
Citations: 1,445 (Scopus)
<https://www.scopus.com/authid/detail.uri?authorId=55078451900>

EXPERIENCE:

Employment Record:

- *2020-present* Assistant professor, Department of Health Sciences, "Magna Graecia University" of Catanzaro, PI of the project "Omics study for quality and safety improvement of Calabrian milk and dairy products. (Foundation for the South, PI, Coordinator, 200k€)"
- *2018-2020* Postdoctoral Research assistant at Chemistry Department at University of Reading. Research project: "Liquid AP-MALDI MS high-throughput analysis of milk for adulterations and animal welfare assessment" (Tasks: Research activities coordination as PDRA, Ph.D. students' co-supervision.)
- *2012-2018* Postdoctoral researcher at University of Milan. Research project: Metaproteomics evaluation of bacterial consortia of cows for the study of paratuberculosis and the antibiotic resistance of bacterial communities. (Tasks: Project coordination, Ph.D. students' supervision. Events organization).
- *2010-2012* Researcher at University of Sassari. The main topic of the project was about the development of a biosensor for Mycobacterium avium sub. paratuberculosis detection, the putative cause of Crohn's and Johne's disease.
- *2009* Visiting PhD student in the proteomics laboratories of University of California, Department of Biochemistry (Prof. Joseph Loo), Los Angeles (UCLA) with a project on the proteomic study of the serum proteins involved in the early onset of inflammatory pathologies.

Research Projects and grants:

- *2020-24* Omics study for quality and safety improvement of Calabrian milk and dairy products. (Fondazione con il Sud, Private, PI, Coordinator, 200k€)
- *2014- 16* Staphylococcus aureus proteins interaction with mitochondrial phagocytes and modulation of apoptosis and killing pathways in experimental models of infection (43k€, Coordinator of Operative Unit 2).
- *2010-12* Environmental identification of Mycobacterium avium subspecies paratuberculosis. Coordinator of the project (75k€, Coordinator, European community funds)