

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name	PROF. DR. ALFREDO PAUCIULLO
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Nationality	Italian
Date of birth	21.04.1977
Gender	Male
Marital status	Single

**EDUCATION,
ACCADEMIC QUALIFICATIONS AND
POSITION HELDS**

1995-2002	Studies in Agriculture, University of Naples “Federico II”, Napoli (Italy). Degree: Master Sc./State Exam
2002-2005	Doctoral studies Interfaculty PhD program (Agriculture/Veterinary Medicine), University of Naples “Federico II”, Napoli (Italy). Degree: Dr. agr. sc.
2005-2011	Post-Doc in Animal Breeding and Genetics (Holder of different projects) Dep. of Animal Science and Food Inspection/Dep. of Soil, Plant, Environment and Animal Production Science, University of Naples “Federico II”, Napoli (Italy). Degree: Specialist in molecular genetics and cytogenetics
2011-2012	Researcher in Molecular Genetics Dep. of Animal Breeding and Genetics, Justus-Liebig-University, Giessen (Germany).
2012-2013	Head researcher of Animal Molecular Cytogenetics Institute of Animal Production System in Mediterranean Environment, National Research Council of Italy (CNR-ISPAAM).
2013-2014	Head researcher/Associate Professor in Genetic analysis and management of animal biodiversity, Department of Agricultural, Forest and Food Sciences, University of Torino, Torino (Italy). Degree: Habilitation for the major “Zootechnical Science and Animal Genetics Improvement”
Since 2014	Professor of Zootechnical Science and Animal Genetics Improvement, Department of Agricultural, Forest and Food Sciences, University of Torino, Torino (Italy).

RESERCH FIELDS AND ACTIVITIES

Contractor	Animal Breeding and Genetics, Molecular Genetics and Cytogenetics, Biodiversity and management, Genetic Resistance, Milk protein Several national research projects funded by different Research Organizations <ul style="list-style-type: none"> • Analysis of the structural variability of the genes encoding the k-casein in buffalo and the lactoferrin goat. 2004-2005, Foundation for the Educational
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	<p>Activities (IPE).</p> <ul style="list-style-type: none"> • Traceability of food of animal origin through the use of gene species-specific molecular markers. 2006-2007, Foundation for the Educational Activities (IPE). • Identification of genetic variability at the OXT and SCD loci and their association with milk yield and flow in the Mediterranean river buffalo (project FORGIARE). 2010-2012, Co-funded by University of Naples and San Paolo Bank (Torino). • Genotyping of molecular markers in candidate genes for the resistance/susceptibility to <i>Mycobacterium avium paratuberculosis</i> (MAP) in the Holstein Friesian breed of cattle (project GenoMAP). 2012-2013, CNR-STM exchange programme • Structural and functional analysis of milk proteins encoding genes in Camelidae (Agricola project). 2015-2017, Funded by University of Turin • • Transcriptional profile, promoter analysis and cytogenetic mapping of genes differentially expressed in river buffalo mammary gland (ProBufaLat project). Proposal for Italian Ministry for Education and Research.
Partecipation	<p>Several national and international research projects</p> <ul style="list-style-type: none"> • Study of chromosomal aberrations in sperm and oocytes of italian cattle breeds by fluorescent in situ hybridization (project SpermOvoFISH). 2006-2009, Italian Ministry for Education and Research. • Molecular genetic selection for the improvement of the competitiveness of the zootechnical Italian system (project SelMol). 2007-2010, Italian Ministry for Education and Research. • Study of endangered autochthonous breeds in Campania region (project RARECa). 2007-2015, Campania Region PSR Measure 214, Action e2. • Macrophage Systems biology applied to disease control (project MacroSys). 2008-2012, European Union FP7 Measure KBBE-2007-1-1-2. • Research and innovation in the animal genetic improvement activities by the use of molecular genetics (project InnovaGen). 2011-2013, Italian Ministry for Education and Research. • Genetic characterization of autochthonous pig breeds for the improvement of the typical food products and the preservation of the biodiversity in South Italy (project CISIA-GenePig). 2011-2015, Italian Ministry for Education and Research. • Characterization and promotion of the animal and vegetal genetic resources of Campania region aimed at the improvement of buffalo breeding system by multidisciplinary and innovative approaches (project CISIA-VARIGEAV). 2011-2015, Italian Ministry for Education and Research
<p>PUBLICATIONS AND AWARDS</p> <p>Publications</p> <p>Awards</p>	<p>Author and co-author of 102 publications in total. One PhD dissertation, 38 papers published in international refereed journals (PlosOne, Animal Genetics, Gene, Journal of Dairy Research, Journal of Dairy Science, Theriogenology, Veterinary Immunology and Immunopathology, Cytogenetic and Genome Research, Small Ruminant Research, etc...), 39 published as Proceedings of International conferences (many afterwards reported in IF Journals), 2 chapters of books and 21 Proceedings of National conferences and one publication on Italian magazine for farmers</p> <p>Best presentation at the 20th International Colloquium on Animal Cytogenetics and Gene Mapping (ICACGM). Cordoba (Spain), April 24-28, 2012.</p>
<p>MEMBERSHIP AND FUNCTION IN SCIENTIFIC SOCIETIES</p> <p>Member</p>	<p>Italian Association of Biotechnology (FiBio); Italian Association of Animal Production (ASPA); Italian Society of Pathology and Breeding for Sheep and Goat (SiPaOC);</p>

Italian Association of Food Technology (OTACL), European Federation of Animal Science (EAAP).

Served as
 Member of the Scientific committee for research projects founded by the Italian Ministry of Economic Development (MiSE), since 2014.
 Member of the Scientific committee for research projects founded by the Italian Association of Food Technology (OTACL), since 2010.
 Member of the CNR-ISPAAM committee for ethic and bioethics in the scientific research, since 2013.
 Member of the organizing committee for the 21th International Colloquium of Animal Cytogenetics and Gene Mapping (ICACGM), 2013-2014

TEACHING ACTIVITIES

2005-2007 Dep. of Animal Science and Food Inspection, University of Naples "Federico II"
 • Animal husbandry
 • Genetic improvement of domestic animals

2007-2009 Dep. of Soil, Plant, Environment and Animal Production Science, University of Naples "Federico II"
 • Management of animal genetic biodiversity
 • Biotechnology applied to the animal genetic improvement

2009-2010 Dep. of Soil, Plant, Environment and Animal Production Science, University of Naples "Federico II"
 • Animal breeding and cytogenetics of reproduction

2011-2012 Lectures for the International Giessen Graduate Centre for the Life Sciences (GGL), Justus-Liebig University of Giessen

2013-2014 Lectures for the CNR-DIPLOMAzia programme of the Ministry of Development and Foreign Affairs

Since 2014 Department of Agricultural, Forest and Food Sciences, University of Torino
 • Genetic analysis and management of animal biodiversity
 • Genetic improvement of farm animals
 • Animal husbandry and production

REVIEWER ACTIVITIES

Reviewer activities for several International journals (PlosOne, Journal of Dairy Research, Molecular Biology Report, Animal Reproduction Science, Small Ruminant Research, Czech Journal of Animal Science, etc...)

INTERNATIONAL COLLABORATIONS

Prof. Dr. Georg Erhardt and Prof. Dr. Gesine Lühken
 Dep. of Animal Breeding and Genetics, Justus-Liebig-University of Giessen, Giessen (Germany).

Prof. Dr. Malcolm Ferguson-Smith
 Dep. of Veterinary Medicine, University of Cambridge, Cambridge (United Kingdom).

Prof. Dr. Jiri Rubes
 Dep. of Genetics and Reproduction, Veterinary Research Institute, Brno (Czech Republic)

Prof. Jesus Yaniz Perez de Albeniz
 Dep. of Animal Production, University of Zaragoza, Huesca (Spain)

Date: 24th February 2016
 Prof. Dr. Alfredo Pauciullo