

**PERSONAL INFORMATION** Prof. LUCIANO PINOTTI

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**WORK EXPERIENCE** 2017 to Present- FULL PROFESSOR in Animal Nutrition and Feeding at the Department of Veterinary Sciences and Technology for Food Safety, Veterinary Faculty, University of Milan, Italy  
 Name and address of employer: University of Milan, via Festa del Perdono 31, 20100 Milan Italy  
 Main activities and responsibilities: Research and teaching  
 Sector : Animal nutrition and feeding, animal science, livestock production science, veterinary science

2002 to 2011-Researcher and Lecturer in Animal Nutrition and Feeding at the Department of Veterinary Sciences and Technology for Food Safety, Veterinary Faculty, University of Milan, Italy  
 Name and address of employer: University of Milan, via Festa del Perdono 31, 20100 Milan Italy  
 Main activities and responsibilities: Research and teaching  
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**EDUCATION AND TRAINING**

- PhD**
  - 19 February 2001, obtained PhD at the Agricultural faculty of the University of Molise, Italy. Thesis: Innovation technology in animal nutrition. Supervisor: Prof. Carlo Corino University of Milan.
- Research stay**
  - 1996-1997 (1 year): internship at the ID-DLO, Institute for Animal Science and Health – Department Ruminant Nutrition, Wageningen University, Lelystad – The Netherlands.. working on intermediary metabolism in dairy ruminants.
- MSc. Degree**
  - 4 March 1996, obtained MSc. Degree in Animal Science, marks 110/110 cum laude at Veterinary Faculty of the University of Milan. Thesis: Bovine somatotropin treatment in buffalo (Bubalis bubalis): effect on milk production and plasmin plasminogen activator system in milk. Supervisor: Prof. Antonella Baldi, University of Milan
- Further training**
  - 2011 (may) Course Evaluation of Science and Innovation Policies, Manchester Institute of Innovation Research, Manchester Business School, University of Manchester UK..
- Research stay**
  - 2010 Short Term Scientific Mission (10 days) at the Department of Statistical Science University college of London, London , United Kingdom. Topic: data processing in feed safety.
- Further training**
  - October 2010- ADVANCED SCIENCE COMMUNICATION TRAINING COURSE, ECSITE-European Network of Science Centres and Museums & COST-European Cooperation in the field of Scientific and Technical Research, Lisbon, Portugal

**PERSONAL SKILLS**

Mother tongue(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Italian	C1	C1	C1	C1	C1
English	C1	C1	C1	C1	C1

**Teaching** Teaching at the University of Milan  
 Prof. Pinotti Teaches in degree and MSc courses in Science and Technology of Animal Production, Technology of Animal Production and Product Quality, Veterinary Biotechnology, and Veterinary Medicine, all at the Faculty Veterinary Medicine, University of Milan. Prof. Pinotti also gives post-graduate lectures and formally supervises numerous MSc and first degree students as well PhD students (two PhD students at the moment) in the Doctorate School of Nutritional Science (joint doctorate with human medicine faculty of the university of Milan.). From 2012 prof. Pinotti has been selected for the LLP – ERASMUS Staff Mobility programmas in several countries.

## Research

Research activity has focused on micronutrient precursors and metabolic support for lactation, uptake and metabolism of nutrients by the mammary gland, manipulation of milk components, and interactions of genes, nutrition, and the endocrine system. Also concerned with the role of milk for delivering nutrients and bioactive compounds to promote human and neonate health, and feed safety.

- **FEED QUALITY AND SAFETY SPECIFICALLY FOCUSED ON :**
  - ANIMAL PROTEINS, FEED BAN, METHOS OF ANALYSIS**
  - FORMER FOOD/EX-FOOD AS FFED INGREDIENTS**
  - INSECT MEALS**
- **NUTRIENT SUPPLY AND METABOLIC SUPPORT OF LACTATION IN DAIRY RUMINANTS**
- **SUPPLEMENTATION OF VITAMIN AND VITAMIN-LIKE SUBSTANCES IN DAIRY RUMINANTS**

According to the pruning projects Research activities cover different aspects like nutritional and safety evaluation of former food, Implementation of methods for packaging remnant detection in former food, or implementation of methods for meat and bone meals and fish meal identification and characterisation. He is working also in collaboration with the EURL-AP (European reference laboratory for anima proteins) on insect meals characterisation and identification as feed ingredient.

## Publications

This research activity is also evidenced by publications recorded in the "Archivio Istituzionale della Ricerca <https://air.unimi.it> as well as in the main research database

Pinotti Luciano

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## Projects

## INTERNATIONAL PROJECTS

- 2019-2020 **Coordinator** of the Italian-Serbian bilateral project GRANDE RILEVANZA Sustainable Animal Nutrition, funded by the Italian ministry for foreign affairs.

- **2016 Partner** in the project: Application of novel and conventional processes for removal of most common contaminants, mycotoxins and salmonella, in order to produce safe animal feed in the territory of AP Vojvodina, funded by Provincial Secretariat for Science and Technological Development of the Provincial Government of Vojvodina, Republic of Serbia. Coordinator Dr. Dr. Radmilo Čolović, Research center for feed technology and animal products, Institute of Food Technology, University of Novi Sad, Republic of Serbia.

- **2014-2015 Project Coordinator** in the Progetto Grande Rilevanza Italia-Serbia FEEDNEEDS del Ministero degli Affari Esteri e la Cooperazione Internazionale.

- **2008-2013 Project Coordinator** in the **COST ACTION** FA0802 "FEED FOR HEALTH" con 28 countries involved ([www.feedforhealth.org](http://www.feedforhealth.org)).

- **2006-2010 Team leader** in the EUROPEAN Project **FP6-2005-FOOD-4-B**: Detection of presence of species-specific processed animal proteins in animal feed SAFEED-PAP (SAfe FEED - Processed Animal Proteins) 42 months.

## NATIONAL PROJECTS

▪ 2019-2020 **Coordinator** SUSTAINABLE FEED DESIGN APPLYING CIRCULAR ECONOMY PRINCIPLES: THE CASE FORMER FOOD IN PIG NUTRITION (SusFEED)", funded by Cariplo foundation.

▪ **2015-2017 Team leader** in the Project RICERCA CORRENTE del Ministero della Salute IZS PLV 06/14 RC, dal titolo "Sicurezza degli ex prodotti alimentari utilizzati nell'alimentazione zootecnica", coordinato da IZSTO, Dr.ssa D. Marchis.

▪ **2010-2013 Team leader** in the Project RICERCA CORRENTE del Ministero della Salute IZSPLV 12/10/RC dal titolo "Identificazione di specie delle proteine animali trasformate nei mangimi: sviluppo e confronto di tecniche microscopiche e immunoistochimiche" coordinato da IZSTO, Dr.ssa D. Marchis. 24 mesi

▪ **2008-2010** Participant in the project Cariplo "PROGETTO SAMARC-Sensor Arrays for Metabolite Analysis in the Rumen of Cattle".

▪ 2007-2009 Participant in the project **PRIN 2007** n. 2007SRLPT2\_002: Valutazione degli effetti citotossici e pro-infiammatori dell'Ocratossina A e della Fumonisinina B1 e ruolo protettivo di molecole antiossidanti

▪ 2005-2007 Participant in the project **PRIN 2005** n. 2005079198\_001 Effetti della stagionalità di parto e di diversi trattamenti alimentari sulla qualità del latte e sul metabolismo epatico in capre da latte

▪ 2003-2005 Participant in the project **PRIN 2003** n. 2003077024\_005: Studio del meccanismo d'azione dell'ocratossina A e dei fattori di protezione dal danno tossico indotto in modelli cellulari

## Memberships

- 2015 Member of the Reviewer for the document FAO/WHO on Hazards Associated with Animal feed
- From 2015 **Editor** for Animal, the International Journal of Animal Biosciences- ISSN: 1751-7311 (Section: Product Quality, Human Health and Well-Being)
- from 2011 Member of Food and Feed Research 's (ISSN: 2217-5660) Editorial Board
- From 1999 Associazione Scientifica di Produzione Animale
- From 1999 Società Italiana di Scienze Veterinarie
- From 2000 European Federation of Animal Science, EAAP
- 2013-2015 **Member of External Advisory Board** of NOSHAN European project on KBBE.2012.2.3-01: Feed production from food waste, within the VII Framework Programme of the European Community project entitled "Sustainable Production of Functional and Safe Feed from Food Waste"
- From 2014 member of Scientific Commission for alternative protein sources- Associazione Scientifica di Produzione Animale: Utilizzo di fonti proteiche innovative nell'alimentazione animale
- From 2013-2017 member of the Management Committee -COST FA1308 Dairy Care
- From 2015 member of the academic Senate at the Università degli Studi di Milano
- **From 2011**, expert reviewer for the ministry of research in Italy ( Ministero dell'Istruzione Università e Ricerca)
- **From 2013** expert reviewer for projects proposal (appeal included) submitted to Fundação Para a Ciência e a Tecnologia, Ministério de Ciência e Tecnologia de Portugal (Portugall)
- **From 2012**, expert reviewer for Fonds de recherche du Québec - Nature et technologies (Canada)
- **From 2015**, expert reviewer for Cost Association- European Cooperation in Scientific and Technical Research (UE)
- **2010-2012** member of the research group UNIMIVAL focused on the evaluation policy in the academic systems.