



Bartolomeo Biolatti

Date of birth: 16/10/1952 | **Nationality:** Italian | **Gender:** Male | (+39) 3356920886 |

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● WORK EXPERIENCE

CURRENT – Pollenzo - Bra (CN), Italy
RECTOR – UNIVERSITY OF GASTRONOMIC SCIENCES

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1980/1994 Associate Professor of Veterinary Pathology, University of Turin; 1994/1998 Full Professor of Veterinary Pathology, University of Padua; 1998/31.08.2021 Full Professor of Veterinary Pathology, University of Turin

2013 – 2019
VICE RECTOR OF THE UNIVERSITY OF TURIN

2005 – 2012
DEAN OF THE VETERINARY COLLEGE OF THE UNIVERSITY OF TURIN (ITALY)

1995 – 1998
DEAN OF THE VETERINARY COLLEGE OF THE UNIVERSITY OF PADOVA (ITALY)

1994 – 1995
DIRECTOR OF THE ISTITUTO DI PATOLOGIA E IGIENE VETERINARIA, UNIVERSITY OF PADOVA VETERINARY COLLEGE

2000 – 2006
DIRECTOR OF THE SCHOOL OF SPECIALISATION ON ANIMAL HEALTH AND PRODUCTION

2012 – 2013
DIRECTOR OF THE MASTER: QUALITY, SUSTAINABILITY AND FOOD SAFETY OF MILK CHAIN

2003 – 2005
DIRECTOR OF THE DIPARTIMENTO DI PATOLOGIA ANIMALE OF THE UNIVERSITY OF TURIN

● EDUCATION AND TRAINING

DOCTOR OF VETERINARY MEDICINE; DIPLOMATE OF THE EUROPEAN COLLEGE OF VETERINARY PATHOLOGY, SPECIALIZATION IN FOOD IGIENE OF ANIMAL PRODUCTS, SPECIALIZATION IN BOVINE CLINIC, – University of Turin, University of Milan

● LANGUAGE SKILLS

Mother tongue(s): ITALIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
FRENCH	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Google Drive | Zoom | Skype | Google Docs

● NETWORKS AND MEMBERSHIPS

Member of the Editorial Board of the Scientific Journal "Animals"

2001 – 2006

Member of the Executive Council of the Italian Society of Veterinary Sciences

Member of the Veterinary Research Club (UK)

Member of the Italian Society of Veterinary Sciences

Member of the Italian Society of Veterinary Pathologists

Member of the European Society for Veterinary Pathologists

Charter Member of the European College of Veterinary Pathology

2006 – 2012

Member of the Scientific Committee of Antidoping laboratory of the Piemonte Region

2006 – 2010

Member of the Scientific Committee of 5° Valore

2006 – 2013

Vice President of the Italian Society of Veterinary Sciences (SISVET)

2013 – 2018

President of the Italian Society of Veterinary Sciences (SISVET)

2008 – 2012

Member of the bioethical committee of the Turin University

2002 – 2013

Member of the bioethical committee of CORIT (Consorzio per la Ricerca sul Trapianto di Organi)

2000 – 2000

Member of the bioethical committee of Calabria Region

01/11/1992 – 01/11/2001

Member of the Italian National Research Council "Bioethical Committee"

Rome

01/11/2000 – 01/11/2007

Member of the Committee for the PhD on "Veterinary Clinical Sciences" based at the University of Turin

University of Turin

● **HONOURS AND AWARDS**

2015

Award of the Department of Veterinary Sciences Research Committee of the University of Turin for the "excellent research activity in the year 2015"

2017

Award of the Department of Veterinary Sciences Research Committee of the University of Turin for the "excellent research activity in the year 2017"

2013

George Fleming Prize The Veterinary Journal for the best scientific article published in "The Veterinary Journal" (Co-author)

2012

The Veterinary Journal's Junior Scientist Prize (Co-author)

● **ORGANISATIONAL SKILLS**

Responsible for agreements between the Dipartimento di Patologia Animale of Torino and farmers associations of Cuneo, Torino and Modena for veterinary training

from 1980 to 1990

Since 20 years cooperate with the Italian large-scale distribution to prevent the abuse of growth promoters in animal production and promote animal welfare

Encharged for the EAEVE accreditation by the Director of the Department of Veterinary Sciences of the University of Turin from 2018 to 2021

During his presidency of the Italian Society for Veterinary Sciences founded the Italian Federation for Veterinary Sciences made of 13 different scientific societies in the field of veterinary sciences

Organized several scientific congresses in the field of veterinary sciences and veterinary public health

● PROFESSIONAL ASSIGNMENTS

2021 – CURRENT

Member of the Academic Advisory Committee of the Interprofessional Organization of the Italian Meat Producers "INTERCARNEITALIA"

2008 – 2013

Member of the Italian National Committee for Food Safety from 19.02.2008 to 2013

2004 – 2007

Responsible for the Italian Ministry of Health for the introduction of a new method of prevention and control of the abuse of growth promoters in animal production in the years 2004/2007

2003 – 2008

Scientific responsible of the Piedmonts' Regional Observatory on pathological lesion in livestock ORAP

Responsible for the program to prevent growth promoters use in cattle for COOP, the Italian large-scale distribution leader

2015 – 2017

Member of the working team "Professioni e professionalità" of ANVUR, the Italian Agency for the Evaluation of the University and Research System

● PATENT

2008

Patent n. TO2008A000526 - Method and kit to detect cattle bred for meat production treated with estrogen. Inventors: De Maria R., Divari S., Biolatti B

2012

Patent n. TO2012A000119 - Method to detect animals bred for meat production treated with desamethazone. Inventors: Biolatti B., Cannizzo F.T., Divari S.

● TEACHING ACTIVITY

Recent teaching activity

From 1983 to 1993 is teacher of necropsy in the 4th year course of the Veterinary College of Torino, From November 1993 is teacher of Veterinary pathology at the Veterinary College of Padova, from November 1998 to 31th August 2021 is teacher of Veterinary pathology at the Faculty of Veterinary Medicine of Turin

● **RESEARCH INTERESTS**

His researches are focused mainly on the following topics

Pathology and molecular pathology of infectious and neoplastic diseases, reproductive and anabolic pathology in farm animals, particularly on the study of the lesions induced by growth promoters in target organs and biomarkers

● **PUBLIC ENGAGEMENT**

Scientific dissemination

Participate to the scientific dissemination activity delivering lectures and publication on topics related to zoonosis, antimicrobial resistance, bioethical issues and relationships between animals and men

Togheter with his colleagues F.T. Cannizzo, E. Bollo, E.S. Cannizzo, F.E.Scaglione, founded the Universitary Spin off "Safood". <https://www.safood.info>

● **PUBLICATIONS**

ORCID ID: <https://orcid.org/0000-0003-3657-3954>

Publications of the last 5 years

Giannuzzi, D., Biolatti, B., Longato, E., Divari, S., Starvaggi Cucuzza, L., Pregel, P., Scaglione, F.E., Rinaldi, A., Chiesa, L.M., Cannizzo, F.T.: Application of RNA-sequencing to identify biomarkers in broiler chickens prophylactically administered with antimicrobial agents (2021) *Animal*, 15 (2), art. no. 100113.

Starvaggi Cucuzza, L., Pregel, P., Biolatti, B., Cannizzo, F.T.: FKBP5 gene expression in skeletal muscle as a potential biomarker for illegal glucocorticoid treatment in veal calves (2020) *Research in Veterinary Science*, 133, pp. 157-162.

Divari, S., Pregel, P., Zanet, S., Ferroglio, E., Giannini, F., Scaglione, F.E., Grinberg, A., Biolatti, B., Bollo, E.: Molecular evidence of bartonella spp. in rodents: A study in pianosa island, Italy (2020) *Animals*, 10 (11), art. no. 2070, pp. 1-6.

Starvaggi Cucuzza, L., Divari, S., Biolatti, B., Cannizzo, F.T.: Expression of corticosteroid hormone receptors, pre-receptors, and molecular chaperones in hypothalamic-pituitary-adrenal axis and adipose tissue after the administration of growth promoters in veal calves (2020) *Domestic Animal Endocrinology*, 72, art. no. 106473.

Divari, S., De Lucia, F., Berio, E., Sereno, A., Biolatti, B., Cannizzo, F.T. Dexamethasone and prednisolone treatment in beef cattle: influence on glycogen deposition and gene expression in the liver (2020) *Domestic Animal Endocrinology*, 72, art. no. 106444.

Sohrabi, H., Cannizzo, F.T., Pregel, P., Scaglione, F.E., Beltramo, C., Acutis, P.L., Dalmaso, A., Biolatti, B.: Tissue and species identification in minced meat and meat products from Italian commercial markets by DNA microarray and histological approach (2020) *Veterinaria Italiana*, 56 (2), pp. 77-85.

S. Barbera, B. Biolatti, S. Divari, F.T. Cannizzo: Meat quality traits and canonical discriminant analysis to identify the use of illicit growth promoters in Charolais bulls, *Food Chemistry*, Volume 300, 2019, 125173, ISSN 0308-8146.

Scaglione FE, Biolatti C, Pregel P, Berio E, Cannizzo FT, Biolatti B, Bollo E.: [A survey on zoo mortality over a 12-year period in Italy](#). PeerJ. 2019 Feb 6;7:e6198. doi: 10.7717/peerj.6198. eCollection 2019.

Baldelli I, Biolatti B, Santi P, Murialdo G, Bassi AM, Santori G, Ciliberti R.: [Conscientious Objection to Animal Testing: A Preliminary Survey Among Italian Medical and Veterinary Students](#). *Altern Lab Anim*. 2019 Mar;47(1):30-38. doi: 10.1177/0261192919840452.

Cannizzo FT, Cucuzza LS, Divari S, Berio E, Scaglione FE, Biolatti B.: [Gene expression profile associated with thymus regeneration in dexamethasone-treated beef cattle](#). *Domest Anim Endocrinol*. 2018 Oct;65:101-108. doi: 10.1016/j.domaniend.2018.07.002. Epub 2018 Jul 12.

Divari S, Starvaggi Cucuzza L, Riondato F, Pregel P, Sacchi P, Rasero R, Biolatti B, Cannizzo FT.: [A two-step immunomagnetic separation of somatic cell subpopulations for a gene expression profile study in bovine milk](#). *J Dairy Res*. 2018 Aug;85(3):281-287. doi: 10.1017/S002202991800050X. Epub 2018 Aug 8.

Starvaggi Cucuzza L, Biolatti B, Scaglione FE, Cannizzo FT: *Domest Anim Endocrinol*. 2018 Jan;62:10-15. doi: 10.1016/j.domaniend.2017.08.001. Epub 2017 Aug 8. PMID:28886589. [Role of FKBP51 in the modulation of the expression of the corticosteroid receptors in bovine thymus following glucocorticoid administration](#).

Divari S, Berio E, Biolatti B, Cannizzo FT. *J Agric Food Chem*. 2017 Dec 20;65(50):11140-11145. doi: 10.1021/acs.jafc.7b04795. Epub 2017 Dec 7. PMID: 29179546, [Reference Gene Selection and Prednisolone Target Gene Expression in Adipose Tissues of Friesian Cattle](#).

Starvaggi Cucuzza L, Biolatti B, Divari S, Pregel P, Scaglione FE, Sereno A, Cannizzo FT. *J Agric Food Chem*. 2017 Jun 14;65(23):4866-4874. doi: 10.1021/acs.jafc.7b00852. Epub 2017 May 31. Development and Application of a Screening Method of Absolute Quantitative PCR To Detect the Abuse of Sex Steroid Hormone Administration in Male Bovines.

Starvaggi Cucuzza L, Biolatti B, Scaglione FE, Cannizzo FT. [Domest Anim Endocrinol](#). 2017 Aug 8;62:10-15. doi: 10.1016/j.domaniend.2017.08.001. [Epub ahead of print] Role of FKBP51 in the modulation of the expression of the corticosteroid receptors in bovine thymus following glucocorticoid administration.

Berio Enrica, Divari Sara, Cucuzza Laura Starvaggi, Biolatti Bartolomeo, Cannizzo Francesca Tiziana (2017). 17 β -estradiol upregulates oxytocin and the oxytocin receptor in C2C12 myotubes. PEERJ, vol. 2017, p. 1-17, ISSN: 2167-8359, doi: 10.7717/peerj.3124

Starvaggi Cucuzza Laura, Biolatti Bartolomeo, Divari Sara, Pregel Paola, Scaglione Frine E., Sereno Alessandra, Cannizzo Francesca T (2017). Development and Application of a Screening Method of Absolute Quantitative PCR to Detect the Abuse of Sex Steroid Hormone Administration in Male Bovines. JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol. 65, p. 4866-4874, ISSN: 0021-8561, doi: 10.1021/acs.jafc.7b00852

Chiesa LM, Nobile M, Panseri S, Biolatti B, Cannizzo FT, Pavlovic R, Arioli F. Bovine teeth as a novel matrix for the control of the food chain: liquid chromatography-tandem mass spectrometry detection of treatments with prednisolone, dexamethasone, estradiol, nandrolone and seven β (2)-agonists. Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2017 Jan;34(1):40-48. doi: 10.1080/19440049.2016.1252469. PubMed PMID: 27845609

Divari S, Berio E, Pregel P, Sereno A, Chiesa L, Pavlovic R, Panseri S, Bovee TF, Biolatti B, Cannizzo FT. Effects and detection of Nandrosol and ractopamine administration in veal calves. Food Chem. 2017 Apr 15;221:706-713. doi: 10.1016/j.foodchem.2016.11.116. PubMed PMID: 27979262.

● BOOKS AND CHAPTER OF BOOKS

Gruppo di lavoro SISVet-ISS. Protocollo di gestione dell'emergenza epidemiologica da SARS-CoV-2 nelle strutture veterinarie universitarie. Versione dell'11 giugno 2020. Roma: Istituto Superiore di Sanità; 2020. (Rapporto ISSCOVID-19 n. 52/2020)

Bartolomeo Biolatti, Francesca Tiziana Cannizzo, Raffaella De Maria (2013). Lesioni indotte dalla somministrazione illecita di promotori della crescita negli animali da carne. In: Trattato di anatomia patologica veterinaria. p. 659-670, Milano - UTET, ISBN: 9788898595006 A cura di

Franco Guarda, Giancarlo Mandelli, Bartolomeo Biolatti, Eugenio Scanziani Biolatti B (2009). Lesioni indotte dai promotori di crescita illeciti negli animali da carne. In: Nebbia C. Residui di farmaci e contaminanti ambientali nelle produzioni animali. p. 321-353, Napoli:Edises, ISBN: 9788879594813

Belletti G., Biolatti B., Guarda F., Bollo E., Appino S. (1996). Aborti. In: Sali G.. Manuale di teriogenologia bovina, Bologna:essegivi edagricole

Biolatti B., Appino S., Guarda F., Bollo E. (1996). Biopsia uterina. In: Sali G. Manuale di teriogenologia bovina, Bologna:Essegivi, Edagricole

Pau S., Biolatti B (1989). Patologia dell'apparato genitale femminile. In: Guarda F. Mandelli G.. Trattato di anatomia patologica veterinaria. p. 523-558, Torino:UTET

Biolatti B., Pau S. (1989). Patologia embrionale e fetale. Aborti. (embrional and foetal pathology). In: Guarda F. Mandelli G. Trattato di anatomia patologica veterinaria. p. 561-580, Torino:UTET

[B. Biolatti, A. Fasolo, R. Ciliberti](#) (2003). L' Eldorado della nuova biologia. Clonazione, animali transgenici, cellule staminali. Franco Angeli, Prometheus. EAN: 9788845447562.

Loris Alborali, Franco Guarda, Bartolomeo Biolatti, Andreas Pospischil, Manfred Reinacher, Miguel Angel Sierra Plana (2009). Atlante di patologia suina. In: Loris Alborali e Franco Guarda. Atlante di Patologia Suina. vol. 1, p. 1-250, Brescia:Fondazione Iniziative Zooprofilattiche E Zootecniche, ISBN: 9788890441608B

B. Biolatti. Organismi geneticamente modificati, quali certezze. In Scienza & etica. Percorsi di comunicazione e formazione, a Cura di Rosalia Azzaro, Ed. Franco Angeli, Collana Prometheus, p. 165-182, 2009