







PERSONAL INFORMATION


Dr. Alberto Alberti (MSc, PhD)

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Sex M | Date of birth 22/04/67 | Nationality Italian

WORK EXPERIENCE

November, 2012- current position

Associate Professor of Microbiology and Immunology

Department of Veterinary Medicine, University of Sassari, Via Vienna 2, 07100 Sassari, Italy
(www.uniss.it)

- Official lecturer of Microbiology and Immunology, School of Veterinary Medicine, University of Sassari
- Official lecturer of Molecular Diagnosis, International Master in Medical Biotechnology, College of Pharmacy and Medicine, Hue, Vietnam
- PI of the project: Development of Biotechnological tools for the study of oncogenic animal Papillomaviruses (Legge regionale n°7, Regione Sardegna: € 196.000)

Business or sector Academic

December, 2000- October 2012

Assistant Professor

Department of Veterinary Medicine, University of Sassari, Via Vienna 2, 07100 Sassari, Italy
(www.uniss.it)

- 2011-2012 Official lecturer of Microbiology and Immunology, Veterinary Medicine school;
- 2002-2009, (excluding 2003/2004), official lecturer of the course "Veterinary Microbiology" in the Biotechnology School (Inter-Faculty, University of Sassari);
- 2004-2006, official lecturer of Microbiology and Immunology in the Animal production School (University of Sassari)

PI of the projects:
 Characterization of *Mycoplasma* proteomes and immunomes (Programma di ricerca sanitaria finalizzata – Regione Sardegna: € 66.300);
 Development of tools for diagnosis and prophylaxis of infectious diseases emerging in the Mediterranean area (Programma di ricerca sanitaria finalizzata – Regione Sardegna: € 72.300)

Business or sector Academic

EXPERIENCE IN THE ABROAD

November, 2015

Visiting Scientist, School of Veterinary Medicine, National University of Costa Rica, San José, Costa Rica.

- Molecular Virology training and Seminars

December, 2010- January, 2011

Visiting Scientist, Department of Medical Microbiology, Hue College of Medicine and Pharmacy, Vietnam

- Trained local scientists for molecular typing of influenza virus strains in the project: Influenza Virus and Molecular Virology

2008 Visiting Scientist, Institute of Comparative Medicine, University of Glasgow Veterinary School, Glasgow, Scotland

- Developed of a molecular tool for Reverse genetics of BTV

February 2001-April 2002

Post Doc at the Department of Medical Microbiology and Parasitology, School of Veterinary Medicine, Georgia, USA

- Investigated the mechanism of transformation of oncogenic Betaretroviruses

EDUCATION AND TRAINING

1999-2000 MSc: Wildlife management: Conservation and Control" at the Institute of Animal and Microbial Science" University of Reading (United Kingdom).

EDUCATION AND TRAINING

1994-1996 MSc: Wildlife management: Conservation and Control" at the Institute of Animal and Microbial Science" University of Reading (United Kingdom).

EDUCATION AND TRAINING

1992 MSc: Wildlife management: Conservation and Control" at the Institute of Animal and Microbial Science" University of Reading (United Kingdom).

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER
	Replace with name of language certificate. Enter level if known.				
French	INDEPENDENT USER	INDEPENDENT USER	BASIC USER	BASIC USER	BASIC USER
	Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills :

- good communication skills gained through my experience with students, teaching staff and technicians, both at local level and in the international scenario

Organisational / managerial skills	<ul style="list-style-type: none"> ▪ leadership, currently responsible for 2 PhD Students, 2 Post Docs, 2 post graduates DVM Specialists
Teaching Skills	Post Graduate and Graduate teaching
Research Skills	Post Graduate and Graduate teaching grants and manuscripts. Main interest in research: Isolation, Molecular and proteomic characterisation of animal pathogens (Bacteria, Viruses); Development of innovative direct and indirect diagnostic tools for animal infectious diseases; Development of innovative vaccines Zoonotic bacteria, oncoviruses, Mycoplasma
Refereeing and evaluating experience	<ul style="list-style-type: none"> ▪ Scientific projects refereeing. Experience: referee for the Italian Scientific National Research PRIN and FIRB, and for the Romanian National Development and Innovation Council, Romania. ▪ Scientific Journal refereeing. Experience: Referee for Research in Veterinary Science, Journal of Dairy Research, Journal of Veterinary Medicine Series A, Veterinary Microbiology, PLOS one, Vector Borne and zoonotic diseases, Veterinary Microbiology, Journal of Infection in developing Countries ▪ Editorial board: ISRN Veterinary Science, World Journal of Virology, Journal of Veterinary Advances
Driving licence	▪ B
Computer Skill	▪ High-level computer skills (MAC & Windows)

ADDITIONAL INFORMATION

POSITION REGARDING THE ITALIAN PROFESSORSHIP:

Calcolo parametri per i settori bibliometrici v.2015

v.2014, v.2013, v.2012

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Gruppo disciplinare per associati: 07/H3 ; per ordinari: 07/H3

Età accademica: 16

Pubblicazioni totali: 42, di cui 41 su rivista

Citazioni totali: 592

Parametri ANVUR

parametro	Abilitazione associati	Abilitazione ordinari
Pubblicazioni su rivista ultimi 10 anni: 37 (38)	22.5	34.5
Citazioni normalizzate: 37.01	13.58	18.82
Contemporary H-index: 9	7	8

Legenda punteggi

1	Eccellente
0.8	Buono
0.5	Accettabile
0	Limitato

VQR 2004-2010 RESULTS

Prodotto	Valutazione	Dettagli
ROBINO F., ALBERTI A., PITTAU M., CHESSE B., MOCILETTA M., POKHARAT R., ROSATI S. (2005). Genetic and antigenic characterization of the surface lipoprotein P48 of <i>Mycoplasma bovis</i> . VETERINARY MICROBIOLOGY , vol. 109, n. 201-205, ISSN: 0378-1135	1	
MARINA L., ALBERTI A., PAVONE L.M., SCIBELLI A., STAJANO N., GRAVINO A.E. (2004). First molecular characterization of a granulocytic ehrlichia strain isolated from a dog in south Italy. THE VETERINARY JOURNAL , vol. 167, p. 224-227, ISSN: 1090-0233	1	
Grego E, De Meneghi D, Alvarez V, Benito AA, Minguijón E, Ortín A, Mattoni M, Moreno B, de Villarreal MP, Alberti A, Capucchio MT, Caporale M, Juste R, Rosati S, De Las Heras M (2008). Colostrum and milk can transmit jaagsiekte retrovirus to lambs. VETERINARY MICROBIOLOGY , vol. 130, p. 247-257, ISSN: 0378-1135	1	

Publications

- 1) R. Lecis, G. Tore, A. Scagliarini, E. Antuofermo, C. Dedola, C. Cacciotto, G.M. Dore, E. Coradduzza, L. Gallina, M. Battilani, M. Muzzeddu, B. Chessa, M. Pittau, **A. Alberti**, (2014). Equus asinus Papillomavirus (EaPV1) provides new insights into equine papillomavirus diversity. **Veterinary Microbiology** 170:213-223
- 2) C. Dedola, R. Zobba, M. L. P. Parpaglia, B. Chessa, E. Antuofermo, M. Polinas, M. Pittau, **A. Alberti**, (2014). First report of canine leprosy in Europe: molecular and clinical traits. **Veterinary Record** 174: doi: 10.1136/vr.102012
- 3) Zobba, R., Anfossi, A.G., Parpaglia, M.L.P., Dore, G.M., Chessa, B., Spezzigu, A., Rocca, S., Visco, S., Pittau, M., **Alberti, A.** (2014). Molecular investigation and phylogeny of *Anaplasma* spp. in mediterranean ruminants reveal the presence of neutrophil-tropic strains closely related to *A. platys*. **Applied and Environmental Microbiology**, 80 (1), pp. 271-280.
- 4) A Scagliarini, L. Gallina, M. Battilani, F. Tumini, F. Savini, A. Lavazza, M. Chiari, E. Coradduzza, A. Peli, K. Erdeelyi, **Alberti A** (2013). Cervus elaphus papillomavirus (CePV1): New insights on viral evolution in deer. **VETERINARY MICROBIOLOGY**, ISSN: 0378-1135,
- 5) Le Van A1, Le Thi BC, Nguyen Hoang B, Huynh Hai D, Deligios M, **Alberti A**, Cappuccinelli P. (2013). MOLECULAR CHARACTERIZATION OF INFLUENZA A (H1N1) 2009 VIRUS CIRCULATING DURING THE 2009 OUTBREAK IN THUA THIEN HUE, VIETNAM. **JOURNAL OF INFECTION IN DEVELOPING COUNTRIES**, vol. 7, p. 235-242, ISSN: 1972-2680
- 6) Cacciotto C, Addis MF, Coradduzza E, Carcangiu L, Nuvoli AM, Tore G, 1 Dore GM, Pagnozzi D, 2 Uzzau S, Chessa B, Pittau M, **Alberti A** (2013). *Mycoplasma agalactiae* MAG_5040 is a Mg²⁺-Dependent, Sugar-Nonspecific SNAse recognised by the host humoral response during natural infection. **PLOS ONE**, vol. 8, ISSN: 1932-6203, doi: 10.1371/journal.pone.0057775
- 7) Manna L, Piras IM, Cipri V, **Alberti A**, Peruta ID (2012). Development and Clinical Trial of a Novel DNA Vaccine as Immunotherapy during Canine Leishmaniasis. **JOURNAL OF VACCINES & VACCINATION**, vol. 3, ISSN: 2157-7560, doi: 10.4172/2157-7560.1000155
- 8) Addis M.F., Pisanu S., Ghisaura S., Pagnozzi D., Marogna G., Tanca A., Biosa¹ G., Cacciotto C., **Alberti A**, Pittau M., Roggio T., Uzzau S. 2011. Proteomics and pathways analysis of the milk fat globule in sheep naturally infected by *Mycoplasma agalactiae* provide indications on the *in vivo* response of the mammary epithelium to bacterial infection. **Infection and Immunity** 79:3833-3845
- 9) Zobba R., Pinna Parpaglia M.L., Spezzigu A., Pittau M., **Alberti A**, 2011. First molecular identification and phylogeny of a *Babesia* sp. from a symptomatic sow (*Sus scrofa* Linnaeus 1758). **Journal of Clinical Microbiology** 49:2321-2324.
- 10) Lecis R Paglietti B, Rubino S., Are B. M., Muzzeddu M., Berlinguer F., Chessa B., Pittau M., **Alberti A**, 2011. Detection and characterization of *Mycoplasma* spp. and *Salmonella* spp. in free living European tortoises (*Testudo hermanni*, *Testudo graeca*, *Testudo marginata*). **Journal of Wildlife Diseases** 47:17-24.
- 11) Cacciotto C, Addis MF, Pagnozzi D, Chessa B, Coradduzza E, Carcangiu L, Uzzau S, **Alberti A**, Pittau M, 2010. The liposoluble proteome of *Mycoplasma agalactiae*: an insight into the minimal protein complement of a bacterial membrane. **BMC Microbiol.** 25:10:225
- 12) **A. Alberti**, S. Pirino, F. Pintore, M.F. Addis, B. Chessa, C. Cacciotto, T. Cubeddu, A. Anfossi, G. Benenati, E. Coradduzza, R. Lecis, E. Antuofermo, L. Carcangiu, and M. Pittau, 2010. *Ovis aries* Papillomavirus 3: a prototype of a novel 1 genus in the family *Papillomaviridae* associated with ovine Squamous Cell Carcinoma. **Virology** 407:352-9.
- 13) Lecis R, Chessa B, Cacciotto C, Addis MF, Coradduzza E, Berlinguer F, Muzzeddu M, Lierz M, Carcangiu L, Pittau M, **Alberti A**, 2010. Identification and characterization of novel *Mycoplasma* spp. belonging to the hominis group from griffon vultures. **Research in Veterinary Science.** 89:58-64
- 14) Chessa B, Pereira F, Amard F, Amorim A, Goyache F, Mainland I, Kao RR, Pemberton JM, Beraki D, Stear MJ, **Alberti A**, Pittau M, Iannuzzi L, Banabazi MH, Kazwala RR, Zhang YP, Arranz JJ, Ali BA, Wang Z, Uzun M, Dione MM, Olsaker I, Holm LE, Saama U, Ahmad S, Marzanov N, Eythorsdottir E, Holland MJ, Ajmone-Marsan P, Bruford MW, Kantanen J, Spencer TE, Palmirani M, 2009. Revealing the history of sheep domestication using retrovirus integrations. **SCIENCE.** 24:324(5926):532-6.
- 15) Chessa B, Pittau M, Puricelli M, Zobba R, Coradduzza E, Dall'Ara P, Rosati S, Poli G, **Alberti A**, 2009. Genetic immunization with the immunodominant antigen P48 of *Mycoplasma agalactiae* stimulates a mixed adaptive immune response in BALBc mice. **Research in Veterinary Science** 86 (3):414-20 (
- 16) **Alberti A**, Robino P., Chessa B., Rosati S., Addis MF, Mercier P, Mannelli A, Cubeddu T, Profiti M, Bandino E, Thiery R, Pittau M, 2008. Characterisation of *Mycoplasma capricolum* P60 surface lipoprotein and its evaluation in a recombinant ELISA. **VET MICROBIOL** 128(1-2): 81-89.
- 17) Grego E, De Meneghi D, Alvarez V, Benito AA, Minguijón E, Ortín A, Mattoni M, Moreno B, de Villarreal MP, **Alberti A**, Capucchio MT, Caporale M, Juste R, Rosati S, De Las Heras M, 2008. Colostrum and milk can transmit jaagsiekte retrovirus to lambs. **VET MICROBIOL** 130

- (3-4): 247-257. (I.F: 2.01, ranked 7th out of 133 in the category Veterinary Sciences).
- 18) Amaud F, Caporale M, Varela M, Biek R, Chessa B, **Alberti A**, Golder M, Mura M, Zhang Y.P, Yu L, Pereira F, DeMartini J.C, Leymaster K, Spencer T.E, Palmarini M., 2007. A Paradigm for Virus-Host Coevolution: Sequential Counter-Adaptations between Endogenous and Exogenous Retroviruses. **PLOS PATHOGENS** 3: 1:13 ISSN: 1553-7366.
 - 19) Robino P, **Alberti A**, Chessa B, Pittau M, Profiti M, Rosati S., 2007. Molecular Cloning and Expression of a surface Lipoprotein of *Mycoplasma Capricolum* as a Potential Antigen for Serological Diagnosis. **Veterinary Research Communications** 3: 257-260. (I.F: 0.5).
 - 20) **Alberti A** and Sparagano O. 2006. Molecular Diagnosis of Granulocytic Anaplasmosis and Infectious Cyclic Thrombocytopenia by PCR-RFLP. **Annals of the New York Academy of Sciences** 1081 (1): 371-378.
 - 21) **Alberti A**, Addis MF, Chessa B, Cubeddu T, Profiti M, Rosati S, Ruiu A, Pittau M, 2006. Molecular and antigenic characterization of strain of *Mycoplasma bovis* causing an outbreak of keratoconjunctivitis. **Journal of Veterinary Diagnostic Investigations** 18: 40-50.
 - 22) **Alberti A**, Addis MF, Sparagano O, Zobba R, Chessa B, Cubeddu T, Pinna Parpaglia ML, Ardu M, Pittau M, 2005. *Anaplasma phagocytophilum*, Sardinia, Italy. **Emerging infectious diseases** 11 (8): 1322-1324..
 - 23) **Alberti A**, Zobba R, Chessa B, Addis MF, Sparagano O, Pinna Parpaglia ML, Cubeddu T, Pintori G, Pittau M, 2005. Equine and canine *Anaplasma phagocytophilum* strains isolated on the island of Sardinia (Italy) are phylogenetically related to US pathogenic strains. **Applied and Environmental Microbiology** 71(10): 6418-6422..
 - 24) Robino P, **Alberti A**, Pittau M, Chessa B, Midletta M, Poumarat F, Rosati S, 2004. Genetic and antigenic characterisation of the surface lipoprotein P48 of *Mycoplasma bovis*. **Vet Microbiol** 109: 201-209.
 - 25) Manna L, **Alberti A**, Pavone LM, Scibelli A, Staiano N, Gravino AE, 2004. First molecular characterization of a granulocytic ehrlichia strain isolated from a dog in south Italy. **Veterinary Journal** 167: 224-227.
 - 26) Chow Y-H J, **Alberti A**, Pretto C, Mura M, Murcia P, Albritton LM, Palmarini M., 2003: Transformation of rodent fibroblasts by the jaagsiekte sheep retrovirus envelope is receptor-independent and does not require the surface domain. **Journal of Virology** 77 (11): 6341-6350..
 - 27) Zavala G, Pretto C, Chow Y-H J, Jones LA, **Alberti A**, Grego E, De las Heras M, Palmarini M., 2003: Relevance Of Akt Phosphorilation in Cell Transformation Induced By Jaagsiekte Sheep Retrovirus. **Virology** 312: 95-105..
 - 28) **Alberti A**, Murgia C, Liu SL, Mura M, Cousens C, Sharp M, Miller AD, Palmarini M, 2002: Envelope-Induced Cell Transformation by Ovine Betaretroviruses. **Journal of Virology** 76 (11): 5387-5394..
 - 29) Barattii M, **Alberti A**, Groenen M, Veenendaal T, Fulgheri FD, 2001. Polymorphic microsatellites developed by cross-species amplifications in common pheasant breeds. **Animal genetics** 32: 222-225.
 - 30) Rosati S, Pittau M, **Alberti A**, Pozzi S, York DF, Sharp JM, Palmarini M, 2000. An Accessory open ready frame (orf-x) of jaagsiekte sheep retrovirus is conserved between different virus isolates. **Virus Research** 66: 109-116.