



Europass curriculum vitae

Personal information

Surname(s) / First name(s) **Pasquali Paolo**
Address(es)
Telephone(s)
Fax(es)
E-mail(s)
Twitter
Nationality(-ies)
Date of birth
Gender

Work experience

Dates **From 02/2000 to today**

Occupation or position held **Scientist, Istituto Superiore di Sanità, Rome, Italy**

From 05/2008 to today

Director of the unit Prophylaxis and Control of Bacterial Zoonoses, Department of Veterinary Public Health and Food Safety, Istituto Superiore di Sanità, Rome, Italy

From 10/2013 to today

Head of the FAO Reference Centre for Veterinary Public Health located in the Department of Veterinary Public Health and Food Safety, Istituto Superiore di Sanità, Rome, Italy

Main activities and responsibilities His main area of interest is the impact of infectious diseases of zoonotic importance on public health. On that account the incumbent is involved in an extensive activity concerning research, regulatory issues and consultancy:

RESEARCH

As scientist he is currently involved in the study of the interface between pathogens and immune system as an approach to understand the pathogenicity of infections of zoonotic importance and to develop new or more efficient vaccines to control infections. In particular, research activities in the last 13 years dealt with salmonellosis, brucellosis and tuberculosis. He authored or co-authored more than 50 research papers as reported in the annexes.

REGULATORY ISSUES and PARTECIPATION IN EU AGENCIES ACTIVITIES and INTERNATIONAL BODIES

The incumbent is regularly involved by national or international authorities in the following activities:

1. Expert for the Italian Ministry of Health for veterinary vaccines. As such he is assessor for the dossier of mutual recognition and auditor for production sites
2. Member of the group of Experts No.15V (Veterinary Vaccines and Sera) at **European Pharmacopoeia, EDQM** (European Directorate for the Quality of Medicines), Strasbourg, France
3. Expert for the **European Centre for Disease Prevention and Control (ECDC)** for matter pertaining foodborne and zoonotic diseases (extending ECDC core terminology- all domain; Ref WP: SAU4114)
4. Expert for matters pertaining vaccines for veterinary use, at **E.M.A.** (European Agency for Medicines) , London, UK
5. Past Member of the Group “Quality Review of Documents” for Veterinary medicines, at **E.M.A.** (European Agency for the Evaluation of Medicines), London, UK
6. Expert enrolled in the list of **TAIEX, DG Enlargement** (European Commission). Missions in
 1. Republic of Slovak (Workshop Seminar on Monitoring of Zoonoses, Kosice, Slovakia (RTP21278) 13-14 /02 2006
 2. Turkey Expert mission on Veterinary Medical Products: Good Laboratory and Manufacturer Practice (GLP-GMP) AGR/EXP N°25748 Ankara/TURKEY, 31/3– 04/04 2008
 3. Bulgary Workshop on Animal Welfare checks on Border Inspection Posts (BIPs)_Add. AGR 310821 Burgas 10-11/09 2008
 4. Turkey Workshop on Traceability System and Mycotoxins RTP 30841, Gaziantep 17-17 October 2008
 5. Republic of Macedonia Workshop on Veterinary Control Border Procedures AGR 31435 Ohrid, 16-17/12/2008
 6. Albania. Workshop on EU legislation on zoonotic diseases. AGR 31717, Tirana, 10-11/12/2008
 7. Montenegro Workshop on Veterinary Control Border Procedures AGR 31435 Podgorica Montenegro, 24-25/02/2009
 8. Macedonia Expert Mission on egg and poultrymeat markets, AGR 30934, 16-20 March 2009
 9. Turkey Workshop on Traceability and Microbiological Criteria for Foodstuff RTP 32274, Hatay, 1-2 April 2009
 10. Turkey Workshop on New Hygiene Package, RTP 33250, Gaziantep, 15-16 07/2009
 11. Serbia. Workshop on Veterinary Medical Products AGR 34158, Belgrad, 29/03/2010
 12. Croazia. Workshop on Microbiological criteria on foodstuffs. AGR40165 Zagabria 22-23/04/2010
 13. Cipro. EC 1 th Selected zoonotic diseases symposium. Nicosia,

- Cipro 30-31 May 2011.
14. Croazia. Workshop on Regional control and eradication strategies for Brucella (*B. melitensis*) infection in sheep and goat herds AGR 47154 17/01/2012.
 15. Albania. Workshop on Zoonoses in zoo and wildlife animals. Tirana, May 2012
 16. Bosnia and Herzegovina. Workshop on EN ISO 17025 and accreditation process. Sarajevo, June 2012
6. Consultant for matters pertaining Veterinary Public Health for **FAO** (Food and Agriculture Organisation), Rome, Italy. In particular:
 - he has been appointed by FAO as international consultant for the FAO/Government cooperative programme “*Assistance to brucellosis control in Armenia*” (GCP/ARM/001/ITA) April 2011
 - He has been invited as team leader for the mission “*Rapid assessment for the prevention and control of brucellosis in the Republic of the Fiji Islands*”, organised by Crisis Management Centre – Animal Health (CMC-AH), FAO; 22 July – 3 August 2009
 - He has been invited to the workshop on the control of Brucella melitensis in central Asia and Middle East, Rome, 11-14/05/2009 (<http://www.fao.org/docrep/012/i1402e/i1402e00.pdf>)
 - he has been appointed by FAO as international consultant for the project “*Brucellosis Control in Khatlon Project*” (OSRO/TAJ/805/EC), Tajikistan 12 April – 4 May 2009
 - he has been appointed by FAO as international consultant for the FAO/Government cooperative programme “*Assistance to brucellosis control in Armenia*” (GCP/ARM/001/ITA) June 2008
 - he served as invited expert at FAO/WHO/OIE Expert Consultation “Community-based veterinary public health system” Rome June 2003, co-authoring the speech “Multidisciplinary approach to veterinary public health delivery system at community level: the past, the present and the future of multidisciplinary collaboration in veterinary public health and expected perspectives” (http://www.fao.org/ag/againfo/resources/en/publications/agapubs/expert_consult_report.pdf)
 - he served as invited expert at FAO/WHO/OIE Expert Consultation “Capacity building for surveillance and control of zoonotic diseases” Rome 14-16 June 2005, presenting the speech “Capacity building for surveillance and control of zoonotic disease under emergency conditions”
 - he served as author and editor of the paper “HIV Infections and Zoonoses”. *FAO Animal Production and Health Paper*, 163. ISBN 92-5-105169-0. (<ftp://ftp.fao.org/docrep/fao/007/y5516e/y5516e00.pdf>)
 - Author of the database of the Veterinary Services in the World (FAO)
 7. Expert delegated for matters pertaining Veterinary Public Health in the twinning program funded by the **European Commission**: 2005/017-464.02.03: Enhancement of coordination between Slovak Customs Administration and Slovak Market Surveillance Bodies in the field of consumer protection, Slovak Republic
 8. Expert delegated for matters pertaining human brucellosis and

public health in the twinning program funded by the **European Commission (PHARE TWINNING PROGRAMME)**: Strengthening of the surveillance system for communicable diseases *BG 2005 ISO 0*, between the Istituto Superiore di Sanità and the Ministry of Health of Republic of Bulgaria

In addition the incumbent is involved in his Country in:

- The assessment of risks related to medical devices of animal origin. Audits in USA, Australia, New Zealand, Canada and Russia
- the development, the implementation and the surveillance of the strategic plans to control zoonoses in compliance with European Directive 2003/99/EC.
- the evaluation of dossier for the authorization of the commercialization of vaccines for veterinary use, in compliance with European Directive 2001/82/EC.
- The development of a list of pathogens for animals and plants, “Comitato per la Biosicurezza e le Biotecnologie” (Presidenza del Consiglio dei Ministri)
- the evaluation of the quality system in the public laboratories involved in the control of food of animal origin in compliance with EN ISO/IEC 17025
- providing scientific expertises for “Consiglio Superiore di Sanità”, an independent body for risk assessment for the Ministry of Health

Name and address of employer	Department of Veterinary Public Health and Food Safety, Istituto Superiore di Sanità, viale Regina Elena 299, 00161, Rome, Italy.
Type of business or sector	National Research Institute of Public Health
Dates	From 21.08.2004 to 18.09.2004
Occupation or position held	Visiting scientist
Main activities and responsibilities	In this period the incumbent has been involved in a research regarding regulatory T cells in infectious diseases.
Name and address of employer	Laboratory of Immunology, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD 20892, USA
Type of business or sector	National Research Institute of Public Health
Dates	From 01.03.2003 to 30.03.2003
Occupation or position held	Visiting scientist
Main activities and responsibilities	In this period the incumbent has been involved in a research regarding the mucosal immune response (cytokine gene expression, phenotypic analysis) of vertebrates to <i>Cryptosporidium parvum</i> and the evaluation of possible tool to confer protection to animals.
Name and address of employer	Immunology and Disease Resistance Laboratory, Agricultural Research Service, United States Department of Agriculture, Beltsville, 20705,

Type of business or sector	Maryland, USA National Institute for Agricultural Research
Dates	From 18.04.01 to 30.07.01
Occupation or position held	Visiting scientist
Main activities and responsibilities	In this period the incumbent has been involved in a research regarding the mucosal immune response (cytokine gene expression, phenotypic analysis) of vertebrates to <i>Cryptosporidium parvum</i> and the evaluation of possible tool to confer protection to animals.
Name and address of employer	Immunology and Disease Resistance Laboratory, Agricultural Research Service, United States Department of Agriculture, Beltsville, 20705, Maryland, USA
Type of business or sector	National Institute for Agricultural Research
Dates	From 08.11.1994 to 31.01.2000
Occupation or position held	Research Associate
Main activities and responsibilities	In this period the incumbent has been involved in a research regarding the epidemiological patterns of <i>Toxoplasma gondii</i> and <i>Trichinella</i> spp, and also regarding pathogenic aspects of those diseases. In addition, the incumbent has been involved in teaching activities related to the following topics: <ul style="list-style-type: none"> ▪ parasitology ▪ parasitic diseases of animals ▪ mycotic diseases of animals
Name and address of employer	Department of Parasitology, University of Perugia
Type of business or sector	University
Dates	From 01.08.1997 to 26.07.1998
Occupation or position held	Visiting scientist
Main activities and responsibilities	In this period the incumbent has been involved in a research regarding the immune response of vertebrates to <i>Cryptosporidium parvum</i> and the evaluation of possible tool to confer protection to animals.
Name and address of employer	Immunology and Disease Resistance Laboratory, Agricultural Research Service, United States Department of Agriculture, Beltsville, 20705, Maryland, USA
Type of business or sector	National Institute for Agricultural Research
Dates	From 15.04.1996 to 16.08.96
Occupation or position held	Visiting scientist
Main activities and responsibilities	In this period the incumbent has been involved in a research regarding the immune response of vertebrates to <i>Cryptosporidium parvum</i> and the evaluation of possible tool to confer protection to animals.

Name and address of employer

Immunology and Disease Resistance Laboratory, Agricultural Research Service, United States Department of Agriculture, Beltsville, 20705, Maryland, USA

Type of business or sector

National Institute for Agricultural Research

Education and training

Dates

2013

Title of qualification awarded

Master of Advanced Studies

Principal subjects/Occupational skills covered

Executive master in Healthcare and Pharmaceutical Administration (<http://www.mba.luiss.it/empha/index.aspx>)

Name and type of organisation providing education and training

LUISS Guido Carli Business School (www.luiss.it/)

Dates

2008

Title of qualification awarded

PhD

Principal subjects/Occupational skills covered

Veterinary Public Health and Food Safety

Name and type of organisation providing education and training

University of Perugia, Perugia, Italy

Dates

10/03/1994

Title of qualification awarded

Doctor of Veterinary Medicine

Principal subjects/Occupational skills covered

Veterinary Medicine

Name and type of organisation providing education and training

Università degli Studi di Perugia

Personal skills and competences

Mother tongue(s)

Italian

Other language(s)

Self-assessment

European level (*)

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	

English

C1	C2	C1	C1	C1
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Social skills and competences

Research Laboratories are multi-ethnic environments where it is possible to deal with people from different cultures and habits. In this contest, the incumbent acquired a good experience in working in team to acquire the programmed results and to manage his own responsibilities. These competences were further increased after experiences acquired through working at EMEA (London), FAO (Rome), and EDQM (Strasbourg).

Organisational skills and competences

Problem solving
Evidence based strategy
Coordination
Project management

In the last 13 years the incumbent run as principal investigator a research laboratory working on infectious diseases and immunology. The incumbent was in charge to acquire the needed research funds in national or international milieu, to program the laboratory activities and experiments and to manage a working team composed by two full time laboratory technicians and several part time students and post docs. Since May 2008 is the Director of the Unit Prophylaxis and Control of Bacterial Zoonoses, supervising 3 senior scientists, 5 technicians and several students (PhD and master students)

Technical skills and competences

Regarding to the laboratory activities the incumbent is able to design, to develop, to analyze and to monitor biomedical research experiments. In particular, main skills were developed in the area of immunology of infectious diseases using in vivo and in vitro approach, and including most of the up-to-date technologies such as cell phenotype analysis using flow cytometry, gene expression using RT real time PCR, recombinant proteins.

In the contest of international environment, working at EMA (London), FAO (Rome), and EDQM (Strasbourg), the incumbent acquired experience in the management of European or International programs dealing with infectious diseases, veterinary and public health issues.

Additional information

The incumbent is serving since 2009, as Editor in Chief for the journal *Research in Veterinary Science (ELSEVIER)*, and served as scientific editor from 2008 to July 2009 for the same journal.

The incumbent served as peer reviewer for the following journals:

1. Journal of Infectious Diseases
2. Microbes and Infection
3. BMC Microbiology
4. Journal of Infections
5. Research in Microbiology
6. Veterinary Microbiology
7. Clinical Microbiology and Infection
8. Acta Biochimica et Biophysica Sinica
9. Research in Veterinary Science
10. Vaccine
11. PLOS One
12. Epidemiology and Infection
13. Veterinary Immunology and Immunopathology

The incumbent served as reviewer for Cassa di Risparmio di Cuneo, year 2014

The incumbent served as reviewer for intramural research funds of Istituto Zooprofilattico Sperimentale delle Venezie, year 2013

The incumbent served as reviewer for intramural research funds of Istituto Zooprofilattico Sperimentale delle Venezie, year 2012

The incumbent served as reviewer/panelist for the Science Foundation Ireland (www.sfi.ie) for the 2011 Biomolecular Medicine and Therapeutics and Cancer panel of the Research Frontiers Programme

The incumbent served as reviewer for intramural research funds of Istituto Zooprofilattico Sperimentale delle Venezie, year 2011

The incumbent served as reviewer for intramural research funds of Istituto Zooprofilattico Sperimentale delle Venezie, year 2010

The incumbent served as reviewer for intramural research funds of Istituto Zooprofilattico Sperimentale delle Venezie, year 2009

The incumbent serves regularly as adjunct professor for infectious diseases in the faculty of Veterinary Medicine, Università degli Studi di Perugia, Perugia, Italy

Patents

CHIRULLO B., AMMENDOLA S., PESCIAROLI M., BATTISTONI A., PASQUALI P., 2014. Use of attenuated *Salmonella enterica* (Δ znuABC) as an anti-cancer strategy: preparation method and employment (patent pending)

AMMENDOLA S., PASQUALI P. , BATTISTONI A., 2006. *Salmonella enterica* strains with reduced pathogenicity, method for their preparation and uses thereof (patent No. PCT/IT2007/000410)

International research projects as coordinator

1. Pfizer Ltd: "Evaluate the protective effects of *Salmonella typhimurium* SA186 against virulent challenge with *Salmonella typhimurium*, € 63000 (2011-2013) (2 units)
2. Pfizer Ltd: "study to evaluate the kinetic of infection due to attenuated znuABC *Salmonella Typhimurium* and to evaluate the effect of immune response on neonatal piglets, € 27,300 (2009-2010) (2 units)
3. Intramural research (NIH-ISS agreement): "The role of CD4+CD25+ T regulatory cells in infections by facultative intracellular bacteria", € 190.000 (2005-2009) (2 units)
4. Intramural research "Host pathogen interaction in facultative intracellular bacterial infections", € 35.000 (2003-2004) (1 unit)

International research projects as principal investigator of a research unit

1. "WildTBVac Integrated solutions for Tuberculosis control in animals combining vaccination and multi-species diagnostics (FP7- KBBE); Euro 96000 (2013-2015)
2. "Multi focal strategies to improve gut health and reduce enteritis in poultry and pigs", EMIDA project ERANET program (EU) € 300.000 (2011-2013)
3. "Strategies for the eradication of bovine tuberculosis". EU 7^o framework programme (FP7-KBBE-2007-1), € 250.000 (2010-2012).
4. "Early host responses to *Salmonella* and *Campylobacter*". European network MED VET NET, € 55000 (2007-2009)

Teaching and Seminal Experiences:

1. Invite Speaker SFAM-MVN summer meeting. June 2014
2. Invited speaker "National Intersectoral workshop on food safety" organized by WHO Tirana December 2013.
Speeches:
 - The One Health approach - Italian Experiences
 - Monitoring of antimicrobial resistance in foodborne pathogens in Italy
3. Keynote speaker 10th IVIS International Veterinary Immunology Symposium. Speech: "Resistance and tolerance in intracellular

- bacterial infections". August 2013.
4. Invited speaker workshop on the alternative strategies to the use of antimicrobials. Speech: Mucosal vaccines for the control of pig salmonellosis (in italian). Brescia 28/02/2013
 5. Invited speaker meeting ANMVI on food safety. Speech : zoonoses in short food chains **(in italian)**. Modena 02/04/2012
 6. Invited speaker Summer course Capability Building in Food Safety, Yerevan, Armenia. July 2011.
8 Speeches of 2 hours.
Topics
 - I. HACCP
 - II. Food safety policy
 - III. Foodborne zoonoses
 - IV. Risk assessment
 - V. Basic epidemiology
 7. Invited Speaker EC 1 th Selected zoonotic diseases symposium. Nicosia, Cipro 30-31 May 2011.
Speeches:
 - i. Emerging Zoonosis in Mediterranean Region
 - ii. Brucellosis in Italy: Epidemiology, Control and Eradication
 8. Invited speaker "Aggiornamenti su alcune zoonosi emergenti e riemergenti in Italia" (in italian), Catanzaro 19/11/2010
Speeches:
 - i. Zoonosi emergenti e riemergenti (emerging zoonoses)
 - ii. Profilassi vaccinale per il controllo della brucellosi (vaccines for the prophylaxis of brucellosis)
 9. Invited speaker Brescia XXXIV corso in patologia suina e tecnica dell'allevamento, Brescia, 16/11/2010
 - i. Speech:
 - ii. Profilassi vaccinale per le salmonellosi suine: attualità e prospettive
 10. Invited speaker "Malattie emergenti e ruolo dei servizi veterinari nella filiera zootecnica" Perugia 19/10/2010
 - i. Speech
 - ii. Malattie emergenti e riemergenti di natura batterica
 11. Invited speaker "Tubercolosi Animale ed Umana: aspetti antropozoonotici, immunitari, diagnostici e sicurezza alimentare" 18-19 maggio 2010 Barcellona Sicilia
 12. Invited speaker "Intensive training programme on the control and eradication of selected animal diseases". Speech: Brucellosis: epidemiology Padova 20 May 2010
 13. Chairman and Invited speaker in the workshop on Veterinary Medical Product, AGR34158, Belgrad, Serbia 29/03/2010
 - a. Topics:
 - b. General presentation of EU legislation regarding Veterinary medicinal products
 - c. Good Laboratory Practices for testing vaccines
 14. Invited speaker in the Workshop on products entering from third countries and list of animals and products to be subject to controls at Border Inspection Posts RTP 32274, Hatai Turkey 1-2 April 2009
 - a. Topics:

- b. Traceability in the feed and food chain – General principles and basic requirements for system design and implementation (ISO 22005:2007)
 - c. Implementation of traceability systems in meat
15. Invited speaker in the Workshop on Veterinary Control Border Procedures AGR 31435 Podgorica Montenegro, 24-25/02/2009
- a. Topics:
 - b. Application on the new requirements laid down by Council Regulation (EC) No 1/2005 regarding Animal Welfare during transportation – Focus on BIP's
16. Invited speaker in the Workshop on Veterinary Control Border Procedures AGR 31435 Struga, 16-17/12/2008
- a. Topics:
 - b. Application on the new requirements laid down by Council Regulation (EC) No 1/2005 regarding Animal Welfare during transportation – Focus on BIP's
17. Invited speaker in the Workshop on EU legislation on zoonotic diseases. AGR 31717, Tirana, 10-11/12/2008
- a. Topics
 - i. Introduction to the EU legislation on zoonotic disease, selection and updating of legislation
 - ii. Legislation concerning to bovines tuberculosis. Eradication and prevention strategies in EU countries
 - iii. Impact of zoonotic diseases in human health (brucellosis, tuberculosis) in EU countries
 - iv. Legislation concerning to brucellosis in small ruminants, and bovines. Eradication, monitoring and serological surveillance of brucellosis
18. Invited speaker in Workshop on Traceability System and Mycotoxins RTP 30841, Gaziantep 17-17 October 2008
- a. Topics:
 - b. Role of traceability in the food safety system
 - c. Overview of the ISO 22005: 2004 “Traceability in the feed and food chain”
 - d. Implementation of traceability systems in meat processing establishments
19. Invited speaker in the Workshop on Animal Welfare checks on Border Inspection Posts (BIPs)_Add. AGR 310821 Burgas, Bulgaria 10-11/09 2008
- a. Topics:
 - b. Legislation concerning animal welfare during transportation: general overview
 - c. Application of the new requirements laid down by the Regulation 1/2005 regarding Animal Welfare during the transportation - Focus on the BIPs
 - d. Official controls: animal welfare checks at the exit points and BIPs
20. Invited speaker in the: Advanced Epidemiology Training Course, 16 to 20 June, 2008 Tsaghkadzor, Armenia Organized by the Food and Agriculture Organization of the United Nations (FAO) within the framework of the GCP/ARM/001/ITA – “Phase I: Assistance to

Brucellosis Control in Armenia” Project. The programme of the Epidemiology Training Course consisted of lectures and practical exercises on:

- i. • epidemiological measures of disease occurrence and reporting;
- ii. • evaluation and application of diagnostic tests for a disease control programme;
- iii. • Knowledge, Attitude and Practice (KAP) survey methods and their application for surveillance;
- iv. • Participatory Rural Appraisal (PRA) survey methods and their application for surveillance.

21. Invited speaker with speech "Host pathogen interaction in murine salmonellosis: characterization and significance of early immune response" – EADGENE annual Meeting: Animal Disease Genomics: Opportunities and Applications, 10-11 June 2008

22. Invited speaker at "Expert mission on Veterinary Medical Products: Good Laboratory and Manufacturer Practice (GLP-GMP) AGR/EXP N° 25748". TAIEX Regional Training Programme (RTP), European Commission. Ankara/TURKEY, 31st March – 4th April 2008. Topics:

- a. General regulatory issues on Veterinary Medical Products
- b. The current legislation (directive 2001/82 as modified by directive 2004/28)
- c. The main European Regulatory bodies/organisations:
- d. EU Council, Commission, Parliament
- e. EMEA
- f. European Pharmacopoeia
- g. Authorisation of a VMP: dossier requirements and links to GMP
- h. Authorisation of a manufacturing site – regulatory aspects – role of an inspectorate
- i. GMP – general overview
- j. GLP – general overview

23. Invited speech: "Fighting zoonoses and foodborne Disease: The European perspective" (in collaboration with A. Caprioli, G. Scavia, A. Pozzu) presented at Intercountry Workshop on "Food Safety and HACCP Systems" organised by WHO/Mediterranean Zoonoses control programme and Centro Studi per la Ricerca Biostatistica ed Epidemiologica in Sicurezza Alimentare, Orvieto, Italy (CE.R.S.AL.), Orvieto, Italy 5-9 November 2007,

24. Invited speech "Vaccines and vaccination strategies to control brucellosis" National Workshop on Brucellosis in Man and Animals, organised by Institute of Public Health together with Institute of Food Safety and Veterinary, Albania, 30-31/10/2006

25. Invited speech "Emerging and re-emerging zoonoses: a threat to human health" at TAIEX Regional Training Programme (RTP), European Commission – Workshop Seminar on Monitoring of Zoonoses, Kosice, Slovakia (RTP21278) 13-14 /02/06

26. Invited speech "Practical experience with implementation of Regulation 2160/2003/EC" at TAIEX Regional Training Programme (RTP), European Commission – Workshop Seminar on Monitoring of Zoonoses, Kosice, Slovakia (RTP21278) 13-14 /02/06
27. Invited speech "Capacity building for surveillance and control of zoonotic disease under emergency conditions" at FAO/WHO/OIE Expert and Technical Consultation "Capacity building for surveillance and control of zoonotic diseases" Rome 14-16 June 2005
28. Invited speech "Zoonosi alimentari" (foodborne zoonoses) at SICURA, Sicurezza alimentare produttori, controllori, consumatori in convention". Modena 25-27 November 2004 (in italian).
29. Invited speech: "Risposta immunitaria in brucellosi: from the bench to the bedside" (immune response to brucellosis: from the bench to the bedside). Organised by ASL n.5 Messina. Barcellona 13-15 October 2004 (in italian).
30. Lecture to PhD students at Università degli Studi di Perugia "Infezioni elmintiche dei ruminanti", 23 July 2004 (in italian).
31. Lecture to PhD students at Università degli Studi di Perugia "Profilassi delle infezioni protozoarie", 29 May 2004 (in italian).
32. Lecture to PhD students at Università degli Studi di Perugia at "Biotecnologie applicate alle Malattie Parassitarie", 7 May 2004 (in italian).
33. Invited speech: "Lo studio della risposta immunitaria attraverso l'applicazione di RT PCR e real time RT PCR" (molecular approach to evaluate immune response), Istituto Zooprofilattico Sperimentale del Mezzogiorno, Portici 20-24 October 2003 (in italian).
34. Invited speech "Multidisciplinary approach to veterinary public health delivery system at community level: the past, the present and the future of multidisciplinary collaboration in veterinary public health and expected perspectives" at FAO/WHO/OIE Expert Consultation "Community-based veterinary public health system" Rome June 2003
35. Invited speech: "Il rischio del bioterrorismo nelle produzioni animali" (Bioterrorism and animal productions), Istituto Superiore di Sanità. Roma, giugno 2002
36. Lecture to PhD students at Università degli Studi di Perugia: "Helminthic diseases of poultry". Perugia, June 2002 (in italian).
37. Lecture to PhD students at Università degli Studi di Perugia: "Helminthic diseases of swine". Perugia, May 2002 (in italian).
38. Lecture to PhD students and DVM students at Università di Padova: "Vaccines: past and present". Legnaro, Padova, 15 May 2002 (in italian).

39. Lecture to PhD students at Università degli Studi di Perugia: "Prophylactic strategies in parasitology". Perugia April 2002 (in italian).
40. Lecture to PhD students at Università degli Studi di Perugia: "Infectious diseases caused by food contaminants" Perugia, 02.02.2002 (in italian).
41. Lecture to PhD students at Università degli Studi di Perugia: "Parasitic diseases caused by food contaminants" Perugia, 16.02.2002 (in italian).
42. Lecture to PhD students at Università degli Studi di Perugia: "Immune response to parasitic infections" Perugia, 7 settembre 2001 (in italian)..
43. Lecture to PhD students at Università degli Studi di Perugia: "Cryptosporidiosis in animals and men" Perugia, 07.09.2002 (in italian).
44. Lecture to PhD students at Università degli Studi di Perugia: "European regulation about infectious diseases of animals" Perugia, 24.03.2001 (in italian).
45. Seminar at Immunology and Disease Resistance Laboratory, Agricultural Research Service, United States Department of Agriculture, "Effect of bovine recombinant IL-12 in vitro and in vivo". Beltsville, MD, USA, 15.7.1998 (in English)
46. Seminar at Immunology and Disease Resistance Laboratory, Agricultural Research Service, United States Department of Agriculture, "local immune response of cattle to intestinal protozoa". Beltsville, MD, USA, 8.8.1996.

Book chapters and monographies

1. PASQUALI P., 2012. Mucosal Vaccines for enteric Bacterial Pathogens. In **Innovation in Vaccinology**, Chapter 10, 229-251, S.Baschieri Editor, Springer ISBN 978-94-007-4542-1.
2. PASQUALI P., AGRIMI U., BORRONI R., BUSANI L., GRAZIANI C., LEONARDI M., POGLAYEN G., MACRI' A., MANTOVANI A., 2006. Capacity building for surveillance and control of zoonotic disease under emergency conditions. **FAO Animal Production and Health Proceedings**, 7, ISBN 92-5-105353-7.
3. PASQUALI P., 2004. HIV Infections and Zoonoses. **FAO Animal Production and Health Paper**, 163. ISBN 92-5-105169-0.
4. MANTOVANI A., BATTELLI G., CAPRIOLI A., COSIVI O., DE MENEGHI D., MACRI' A., PASQUALI P., POGLAYEN G., SEIMENIS A., 2004. Multidisciplinary approach to veterinary public health delivery system at community level: the past, the present and the future of multidisciplinary collaboration in veterinary public health and expected perspectives. **FAO Animal Production and Health Proceedings**, 2, ISBN 92-5-105131-3.

Papers:

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2. CERASI M, LIU JZ, AMMENDOLA S, POE AJ, PETRARCA P, PESCIAROLI M, PASQUALI P, RAFFATELLU M, BATTISTONI A, 2014. The ZupT transporter plays an important role in zinc homeostasis and contributes to *Salmonella enterica* virulence. **Metalomics**. Jan 16. [Epub ahead of print] PubMed PMID: 24430377.
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