

## INFORMAZIONI PERSONALI



## Ru Giuseppe

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ESPERIENZA  
PROFESSIONALE

01/11/2008–alla data attuale

**Head of Biostatistics, Epidemiology and Risk Analysis (BEAR) unit**

Istituto Zooprofilattico Sperimentale di Piemonte, Liguria e Valle d'Aosta, Torino (Italia)  
[www.izsto.it](http://www.izsto.it)

In charge of the data collection, data analysis and reporting for several surveillance programmes running in Italy (active and passive surveillance of BSE, scrapie, chronic wasting disease, MBM in feed, companion animal cancers, wildlife diseases). Biostatistical analysis of diagnostic quality assurance data. Research in animal health, food safety and environmental epidemiology. Since July 2012 (and till 2018) he has been member of the EFSA BIOHAZ Panel.

Attività o settore Veterinary epidemiology – Risk assessment

01/01/1997–30/10/2010

**Epidemiologist at the National Reference Laboratory of Transmissible Spongiform Encephalopathies**

Istituto Zooprofilattico Sperimentale di Piemonte, Liguria e Valle d'Aosta,, Torino (Italia)  
TSEs surveillance, TSE descriptive and analytical epidemiology, TSE risk assessment

Attività o settore Veterinary epidemiology – Risk assessment

## ISTRUZIONE E FORMAZIONE

01/01/2003–30/11/2004

**Master in Epidemiology, dissertation on Epidemiology of BSE in Italy**

School of Medicine, University of Turin, Torino (Italia)

01/12/1987–31/07/2000

**Degree of Specialist in Animal Health, dissertation on Epidemiology of BSE in Italy**

School of Veterinary Medicine, University of Teramo, Teramo (Italia)

01/10/1992–30/06/1995

**PhD, dissertation on Cancer epidemiology in companion animals**

School of Veterinary Medicine, University of Milano, Milano (Italia)

01/10/1985–30/04/1992

**DVM**

School of Veterinary Medicine, University of Turin, Torino (Italia)

## COMPETENZE PERSONALI

Lingua madre italiano

Altre lingue	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
inglese	C1	C2	C1	C2	C1

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato  
 Quadro Comune Europeo di Riferimento delle Lingue

**Competenze comunicative** Excellent communication skills from providing training sessions both to veterinary students or to colleagues working as veterinary officers in governmental institutions

**Competenze organizzative e gestionali** leadership (currently responsible for a team of 12 people)

**Competenze professionali** At the moment G.R. is responsible of a team of twelve people (veterinarians, statisticians, IT experts) dealing with biostatistics, epidemiology and risk assessment. He was assigned several research funds based on projects he submitted to regional and national health authorities. He has been member of the Italian Task Force on TSE of the Health Ministry (since February 2002). As an epidemiologist has been involved in FAIR projects (FAIRJ-CT98-7021 "Surveillance and diagnosis of ruminant TSE" e FAIRJ-CT98-6056 "European Scrapie Network", "SRTSE Surveillance of small ruminant TSE" network, NEUROPRION), and in a ANIHW-ERANET project ("SPARE, Spatial Assessment of Risk into EU: Exotic animal disease). Since 2014 his team has been appointed by EFSA for two procurements (one on the application of Machine Learning Techniques in food safety risk assessment and another for the European Reporting of TSE surveillance data).

He has been National expert of TSEs' epidemiology in a number of meetings of the Veterinary Standing Committee and ad hoc TSE expert groups (March 1999 – 2012). In 2010 he has been appointed as expert to provide scientific and technical advice to a World Trade Organization (WTO) dispute settlement panel.

In the past he has been member of three working group of the EFSA's BIOHAZ Panel ("BSE in goats" "Sheep QRA" "Joint ECDC/EFSA mandate on any possible molecular and/or epidemiological links between animal and human TSE's"). Since 2007 he has been appointed ad national focal point within the EFSA's TSE Network.

As epidemiologist within the Italian National Reference Laboratory for Animal Transmissible Spongiform Encephalopathies he has been in charge of carrying out a number of risk assessments committed by the Italian Health Ministry.

Since July 2012 (and till 2021, three subsequent 3-year mandates) he has been acting as a member of the EFSA BIOHAZ Panel. During this membership he has been appointed as member of many EFSA working groups that produced several Opinions or Technical and scientific reports.

Teaching experience: Veterinary epidemiology for postgraduate students (School of veterinary medicine of Turin), Seminars in TSE epidemiology (School of veterinary epidemiology of Sassari, Bologna, Pisa and Teramo), Risk Analysis (Master in veterinary epidemiology, University of Parma); Tutor in 2008 and 2010 SANCO TrainSaferFood

European Training Platform for Safer Food courses: Workshop on Prevention, control and eradication of Transmissible Spongiform Encephalopathies in 2009-2010-2011-2012.

He has also acted as coordinator of the development of a 6-module on-line training package on TSE committed by the European Commission within the BTSF frame.

He is co-authors of 91 scientific peer-reviewed publications and has an H index = 19.

**Competenze digitali**

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
Utente avanzato	Utente avanzato	Utente avanzato	Utente avanzato	Utente autonomo



Competenze digitali - Scheda per l'autovalutazione

To carry out statistical analysis he is a current user of the STATA statistical software and of other similar package (Epi Info, R, WinEpiscope). He has excellent knowledge of word processors, spreadsheets, presentation programs and database software (e.g. Microsoft Office suite).

ULTERIORI INFORMAZIONI

Publicazioni scientifiche (rilevanti degli ultimi 5 anni)

1. Scaramozzino, P., Battisti, S., Desiato, R., Tamba, M., Fedrizzi, G., Ubaldi, A., Neri, B., Abete, M.C., Ru, G. Application of a risk-based standardized animal biomonitoring approach to contaminated sites. (2019) Environmental Monitoring and Assessment, 191 (8), art. no. 526, . <https://doi.org/10.1007/s10661-019-7653-3>
2. Colussi, S., Desiato, R., Beltramo, C., Peletto, S., Modesto, P., Maniaci, M.G., Campia, V., Quasso, A., Rosati, S., Bertolotti, L., Ru, G., Acutis, P.L. A single nucleotide variant in the promoter region of the CCR5 gene increases susceptibility to arthritis encephalitis virus in goats. (2019) BMC Veterinary Research, 15 (1), art. no. 230, <https://doi.org/10.1186/s12917-019-1979-5>.
3. De Nardi, M., Léger, A., Adkin, A., Ru, G., Stärk, K.D.C. Description of surveillance components related to classical swine fever, blue tongue and rabies in selected European countries: An experts' knowledge elicitation. (2019) Microbial Risk Analysis, art. no. 100081, <https://doi.org/10.1016/j.mran.2019.07.002>.
4. Cook, C.J., Simons, R.R., Horigan, V., Adkin, A., Ru, G., de Nardi, M. Communicating outputs from risk assessment models: A picture paints a thousand words. (2019) Microbial Risk Analysis, . <https://doi.org/10.1016/j.mran.2019.07.005>
5. Simons, R.R.L., Horigan, V., Ip, S., Taylor, R.A., Crescio, M.I., Maurella, C., Mastrantonio, G., Bertolini, S., Ru, G., Cook, C., Adkin, A. A spatial risk assessment model framework for incursion of exotic animal disease into the European Union Member States. (2019) Microbial Risk Analysis, . <https://doi.org/10.1016/j.mran.2019.05.001>
6. Maurella, C., Mastrantonio, G., Bertolini, S., Crescio, M.I., Ingravalle, F., Adkin, A., Simons, R., De Nardi, M., Estrada-Peña, A., Horigan, V., Ru, G. Social network analysis and risk assessment: An example of introducing an exotic animal disease in Italy. (2019) Microbial Risk Analysis, . <https://doi.org/10.1016/j.mran.2019.04.001>
7. Horigan, V., de Nardi, M., Crescio, M.I., Estrada-Peña, A., Adkin, A., Maurella, C., Bertolini, S., Léger, A., Ru, G., Cook, C., Stark, K., Simons, R.R.L. Maximising data to optimise animal disease early warning systems and risk assessment tools within Europe. (2019) Microbial Risk Analysis, . <https://doi.org/10.1016/j.mran.2019.02.003>
8. Koutsoumanis, K., Allende, A., Alvarez-Ordóñez, A., Bolton, D., Bover-Cid, S., Chemaly, M., Cesare, A.D., Herman, L., Hilbert, F., Lindqvist, R., Nauta, M., Peixe, L., Ru, G., Simmons, M., Skandamis, P., Suffredini, E., Dewulf, J., Hald, T., Michel, V., Niskanen, T., Ricci, A., Snary, E., Boelaert, F., Messens, W., Davies, R., EFSA Panel on Biological Hazards (EFSA BIOHAZ Panel). Salmonella control in poultry flocks and its public health impact. (2019) EFSA Journal, 17 (2), art. no. 5596, 155 p. <https://doi.org/10.2903/j.efsa.2019.5596>
9. Koutsoumanis, K., Allende, A., Alvarez-Ordóñez, A., Bolton, D., Bover-Cid, S., Chemaly, M., Davies, R., De Cesare, A., Hilbert, F., Lindqvist, R., Nauta, M., Peixe, L., Ru, G., Simmons, M., Skandamis, P., Suffredini, E., Cocconcelli, P.S., Fernández Escámez, P.S., Maradona, M.P., Querol, A., Suarez, J.E., Sundh, I., Vlak, J., Barizzzone, F., Correia, S., Herman, L., EFSA Panel on Biological Hazards (BIOHAZ). Update of the list of QPS-recommended biological agents intentionally added to food or feed as notified to EFSA 10: Suitability of taxonomic units notified to EFSA until March 2019 (2019) EFSA Journal, 17 (7), art. no. e05753.
10. Koutsoumanis, K., Allende, A., Alvarez-Ordóñez, A., Bolton, D., Bover-Cid, S., Chemaly, M., Davies, R., De Cesare, A., Herman, L., Hilbert, F., Lindqvist, R., Nauta, M., Peixe, L., Ru, G., Simmons, M., Skandamis, P., Suffredini, E., Cacciò, S., Chalmers, R., Deplazes, P., Devleeschauwer, B., Innes, E., Romig, T., van der Giessen, J., Hempen, M., Van der Stede, Y., Robertson, L., EFSA Panel on Biological Hazards (BIOHAZ). Public health risks associated with food-borne parasites. (2018) EFSA Journal, 16 (12), art. no. e05495. <https://doi.org/10.2903/j.efsa.2019.5753>

**Il sottoscritto è a conoscenza che, ai sensi dell'art. 76 del DPR 445/2000, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali. Inoltre, il sottoscritto autorizza al trattamento dei dati personali, secondo quanto previsto dal Regolamento (UE) 2016/679 del 27 aprile 2016 in materia di protezione delle persone fisiche con riguardo al trattamento dei dati personali.**

Torino 22/11/2019

Firma  
