Curriculum vitae

PERSONAL INFORMATION

Ru Giuseppe

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PROFESSIONAL EXPERIENCE

01/11/2008–to date

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

Istituto Zooprofilattico Sperimentale di Piemonte, Liguria e Valle d 'Aosta, Torino (Italia)
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

EDUCATION

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)

PERSONAL SKILLS

MOTHER TONGUEe italian

OTHER LANGUAGES

	COMPREHENSION		SPOKEN		WRITTEN
	LISTENING	READING	INTERACTION	ORAL PRODUCTION	
English	C1	C2	C1	C2	C1

Levels: A1 and A2: Basic User - B1 and B2: Independent User - C1 and C2: Advanced User
Common European Framework of Reference for Languages

COMMUNICATION SKILLS

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

MANAGEMENT SKILLS

leadership (currently responsible for a team of 12 people)

PROFESSIONAL SKILLS

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 ANIHWA-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 116 scientific peer-reviewed publications and has an H index = 25.

Digital skills

selfassessment				
Information processing	Communication	Contents creation	Security	Problemi solving
Advanced user	Advanced user	Advanced user	Advanced user	Advanced user

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).

PUBLICATIONS

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

LAST FIVE YEARS

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., Barizzone, F., Correia, S., Herman, L., EFSA Panelon 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., Devleesschauwer, B., Innes, E., Romig, T., van der Giessen, J., Hempen, M., Van der Stede, Y., Robertson, L., EFSA Panelon 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

The undersigned is aware that, pursuant to Article 76 of Presidential Decree 445/2000, mendacious statements, falsity in documents and the use of false documents are punishable under the criminal code and special laws. Furthermore, the undersigned authorises the processing of personal data, in accordance with the provisions of Regulation (EU) 2016/679 of 27 April 2016 on the protection of individuals with regard to the processing of personal data.

Torino 21/12/2020

Signature