



## Curriculum Vitae Europass

### Personal informations

Name and Family name	Anna Ruggieri
Address	
Telephone	
Fax	
E-mail	<a href="mailto:anna.ruggieri@iss.it">anna.ruggieri@iss.it</a>
Citizenship	Italian
Date of birth	
FISCAL CODE	

### Professional position

Biologist, Istituto Superiore di Sanità [Italian National Institute of Health]

### Work experience

Present Position	Resrarch manager, Reference Center for Gender Medicine, Istituto Superiore di Sanità (ISS)
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**From 2017 –2024**

Work and position	<b>Senior Researcher</b>
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Main activities and responsibilities

Responsible of the operative unit in BRIC-INAIL ID35, starting in 2023 . She is involved in sex-disaggregated analysis of serologic responses to influenza and COVID-19 vaccination in HCWs; in molecular analysis and statistic correlation of microRNAs, inflammatory citokynes and sex hormones plasma levels with the antibody response to vaccines, in order to identify sex specific biomarkers of response,  
Responsible of the operative unit in BRIC-INAIL ID27 project on sex difference mechanisms in response to vaccination in health care workers.  
Scientific coordinator of the project BRIC-INAIL entitled: "Sex differences in response to vaccination: pilot study on health care workers in three representative geographic areas in Italy".  
Is involved in evaluating the expression of selected microRNAs encoded on the X chromosome, in cells of different tissue origin derived from female and male human donors, and in establishing a correlation with microRNA function in sex-related apoptosis and autophagy. She was further involved in molecular analysis of microRNAs in biological samples from COVID-19 vaccinated female and male HCWs and in characterize their role as sex-related biomarkers.

Name and Address of the Employer	Reference Center of Gender Specific Medicine, Istituto Superiore di Sanità (ISS) Viale Regina Elena, 299 Rome, Italy
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Type of business or sector	Public Health
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**From 2014 to 2017** Senior Researcher, Istituto Superiore di Sanità, Dept. of Animal health and food safety department ,  
Viral Zoonosis Unit..  
Occupation or position held Conduction of studies to evaluate the immunogenicity in mice model of plasmid DNA carrying antigens  
of zoonotic viruses (West Nile Disease Virus, Crimean Congo Haemorrhagic Fever Virus, Ebola and  
also HCV) and directing them to exosomes, with particular attention to the sex differences in animals;  
evaluation the potential use of those DNA constructs in the context of a new wide-ranging anti-viral  
vaccine platform .

**From 2007 to 2014** Senior Researcher, Istituto Superiore di Sanità, Dept. of infectious Parasitic and Immune mediated  
Diseases, Viral Hepatitis Unit.2009 e 210

**From june to sept. 2010** "Visiting scientist", Fred Hutchinson Cancer Research Center (FHCRC), Public Health Sciences,  
Division of Cancer Biology, Seattle, WA,USA .

**From 1992 to 2007** Researcher on permanent staff at Istituto Superiore di Sanità, Virology LAb, Viral Hepatitis Unit.

**From 1990 to 1992** Technician on permanent staf at ISS, Veterinary Medicine Lab..

**From 1986 to 1990** Scholarship holder and contractor research, ISS, Virology Lab. Respiratory virus and influenza Unit..  
**December 1985** "Visiting scientist" at Imperial College of Science and Technology, London (UK).

**Education and training**

**From 2000 to 2004** Specialization School in Microbiology and Virology, La Sapienza University of Rome

**From 1995 to 1996** Post-doctoral fellowship, at National Institute of Infectious Diseases (NIID), Department of Virology II,  
Tokyo (Japan)

**1988** Certificate of Professional Qualification, La Sapienza University of Rome.

**From 1980 to 1985** Degree in Biological Sciences (110/110 cum laude), at La Sapienza University of Rome

**Personal skills and competences**

Mother tongue **italian**  
Other languages

- 1. English**
- 2. Japanese**

Self Evaluation  
*European Level (\*)*

**Language**  
**Language**

	Comprehension		Speaking		Written
	Listening	Reading	Oral interaction	Oral production	
1	C1	C1	C1	C1	C1
2	A1	A1	A1	A2	

(\*) [Quadro comune europeo di riferimento per le lingue](#)

Personal skills and organization competences	During emergence due to the pandemic influenza H1N1so in 2009, joined the working group ad hoc created at ISS with the role of coordinator of thee technical-scientific activity performed for the Ministry of Health regarding the diagnostic confirmation of the human cases infected with H1N1pdm virus,, receiving by the President of ISS a credit note for the service performed.
Personal Skills and tecnical competencies	Has competence of molecular, cellular and biochemical techniques. Particular competence in cultivation, in vitro reproduction of virus; competence for experimental work in BSL2 and BSL3 level of containment.o
Informatic skills and competencies	Optimal knowledge of office and good knowledge and use of some graphic softwares ((Photoshop, Graphpad,Paint)
Other skills and competencies	Tutor of PhD students, scholarship holders and mentor of various graduation theses.  Speaker invited at several national and international meetings of virology and of gender medicine. Teacher at several training courses on sex/ gender medicine for biomedical personnel  Expert and referee for the evaluation of the experimental protocols with animal models. Performs technical-scientific evaluation according to the art.31 dof the law D.Lgs. n. 26/14, for virology and veterinary vaccinology.  Peer reviewer for indexed International scientific journals in the fields of virology, veterinary medicine, tumors, molecular biology and gender medicine.
Driving license	Cars B
<b>Ulteriori informazioni</b>	
<b>Signature</b>	<b>"I authorize the processing of my personal data pursuant to the EU Regulation 2016/679 on the processing of personal data and the previous legislative decree 196 / '03 "</b>  Anna Ruggieri
<b>Date</b>	Romanovember 26th 30 <sup>th</sup> 2024

