

## PERSONAL INFORMATION

Alessandra Scagliarini



## WORK EXPERIENCE

1 Oct 1998–30 Sep 2010

**Researcher**

Department of Veterinary Public Health and Animal Pathology, Faculty of Veterinary Medicine (DSPVPA), Alma Mater Studiorum University of Bologna, Bologna (Italy)

Teaching and research in the field of zoonotic infectious diseases

Head of Virology and Biotechnology Unit

1 Oct 2010–13 Sep 2014

**Associate Professor**

Department of Veterinary Medical Sciences (DIMEVET) - Alma Mater Studiorum University of Bologna 14/09/2014 - Full Professor of Infectious Diseases of Domestic, Bologna (Italy)

Teaching and research in the field of pathogenesis, prevention and control of infectious diseases of animals

Head of the Virology Laboratory

14 Sep 2014–1 May 2019

**Full Professor of Infectious Diseases of Domestic Animals**

Department of Veterinary Medical Sciences (DIMEVET) - Alma Mater Studiorum University of Bologna, Bologna (Italy)

Teaching and research in the field of pathogenesis, prevention and control of infectious diseases of animals with special reference to zoonotic infections, coordinator of the following projects:

1. Epitheliotropic virus infections of animals and humans
2. Development of innovative point of care (POC) diagnostic methods.
3. Antiviral activity of natural and synthetic molecules and development of innovative drug formulations for antiviral treatments.

Head of the Virology and biotechnology laboratory

2 May 2019–Present

**Full Professor of Infectious Diseases of Domestic Animals**

Department of Experimental, Diagnostic and Specialty Medicine – (DIMES) School of Medicine - Alma Mater Studiorum University of Bologna, Bologna (Italy)

Teaching and research in the field of zoonotic infections and founder of the international study centre on One Health

Chair UNA One Health Self Steering Committee European University Alliance UNA EUROPA

2 November 2015–31 October  
2021t**Deputy Rector for International relations**

Alma Mater Studiorum University of Bologna, Bologna (Italy)

involved in the activities of a number of international networks. Former President of member the Board of Director (BoD) of the European University Alliance UNAEUROPA <https://www.una-europa.eu/founding-members/>, <https://www.una-europa.eu/news/una-europa-alliancereceives-prestigious-grant-to-launch-european->

university-ofthe-future/.Member of the board of the Magna Charta Observatory(MCO) <http://www.magna-charta.org/about-us/governingbody>.Multicultural and multi-stakeholders activities are carried out in a number of networks such as the University Coordination for Cooperation and Development (CUCS), The Guild, Coimbra Group, Scholars at Risk (SAR) and the International Association of Universities (IAU). Activities carried out in multicultural and multi-stakeholders' environment including: international higher education institutions (HEIs) policy makers, national and international diplomacy, Non-Governmental Organizations (NGOs), international organizations such FAO, UNHCR, UNESCO, EUA, OCSE, Civil Society, national and international private companies.

## EDUCATION AND TRAINING

01/10/1989–04/04/1996

**Degree in Veterinary Medicine (DVM) with Full remark**

Faculty of Veterinary Medicine University of Bologna, Bologna (Italy)

7 Jan 1997–25 Sep 2000

**PhD in Epidemiology and control of zoonoses**

Faculty of Veterinary Medicine University of Bologna, Bologna (Italy)

## PERSONAL SKILLS

Mother tongue(s)

Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2		C2		C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

Good communication skills gained through my academic experience as lecturer, researcher and Deputy Rector

Organisational / managerial skills

**Good team** leading as responsible of Laboratory Units and research groups

Good organisational and managerial skills gained through the heading of laboratory units and the coordination of a number of national and international projects

Job-related skills

Experience in performing Import risk assessments according to OIE standards, knowledge of the EU rules on preparedness for crisis related to animal health issues and food safety. These skills were gained through my academic experience, working in collaboration with National Veterinary Services and participating to national and international research projects.

Mentoring skills as tutor of a number of PhD and post graduate students.

Good command of quality control processes as Responsible of ISO certified laboratories

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Independent user	Independent user

### Digital skills - Self-assessment grid

good command of office suites and software used for bioinformatic analyses

## ADDITIONAL INFORMATION

- Courses**
- Academic year 2000/2001 to 2003/2004: "Molecular methods in microbiology and infectious diseases" (Curriculum of Veterinary Biotechnology).
- Academic year 2005/2006 to 200/2010: course of "Veterinary Epidemiology" (Curriculum of Aquaculture and fish pathology).
- Academic year 2006/2007, 2007-2008 : "Hygiene and Prophylaxis of Livestock Farms" (Curriculum, Quality and safety of animal by-products).
- Academic year 2007/2008 to 2013/2014: "Gene delivery" (Curriculum of Animal Biotechnology).
- Academic year 2008/2009 to 2014/2015: "Epidemiology diagnosis and prophylaxis of infectious diseases" (Curriculum of Animal Biotechnology).
- Academic year 2010/2011 to 2016/2017 "Veterinary virology" (curriculum Veterinary Medicine).
- Academic year 2014/2015 to present Professional practical training "On farm biosecurity"
- From Academic year 2017/2018 to present "Infectious Diseases, Prophylaxis and Hygiene Surveillance" (Veterinary Medicine).
- From Academic Year 2020/21 "Sustainable Development and One Health" (multidisciplinary course).
- From Academic Year 2021/22 " Global Health and Zoonotic Microbes (Medicine and Surgery international track).
- From Academic Year 2021/22 Coordinator of the One Health Curriculum in the Future of Earth, Societal Challenges and Climate Change PhD program.
- Projects**
- Coordinator of several national research projects funded by, among others, the Ministry of Education, University and Research, Ministry of Health, Emilia Romagna Region and international projects funded by the EU. Between 2008 and 2012 she took part in the Gap Analysis working group and was the leader of the expert group on poxvirus infections of animals and humans within the European project (FP7) DISCONTTOOLS. From 2012 to 2015 she coordinated the European project FP7 (research for the benefit of SMEs) POC4PETS and is currently scientific leader of the UNIBO multidisciplinary research group in the Erasmus+ Capacity Building initiative called ELEPHANT (Empowering universities' Learning and rEsearch caPacities in the oneHealth Approach for the maNagement of animals at the wildlife, livestock and human interface in SouTh Africa) coordinated by the University of Utrecht and involving six South African universities and several public and private associated partners. It is also involved in research projects related to One Health in collaboration with national and international research centres.
- Memberships**
- From February 2020- Member of the Board of the International Society for Infectious diseases (ISID).  
Member of the Editorial Board of the Journal of Environmental Research and Public Health
- Courses**
- 2004 Imperial College of London - Epidemiology of Infectious Diseases
- Publications**
- Selected publications from 2005 to present:
- Dal Pozzo F., Andrei G., Holy A., Van Den Oord J., Scagliarini A., De Clercq E., Snoeck R. (2005). Activities of acyclic nucleoside phosphonates against Orf virus in human and ovine cell monolayers and organotypic ovine raft cultures *Antimicrobial Agents Chemotherapy* 49(12):4843-52.
  - Ciulli S., Gallardi D., Scagliarini A., Battilani M., Hedrick RP., Prosperi S. (2006). Temperature

dependency of Betanodavirus infection in SSN-1 cell line *Diseases of Aquatic Organisms* 2;68(3):261-5.

- Gallina L., Dal Pozzo F., Mc Innes CJ., Cardeti G., Guercio A., Battilani M., Ciulli S., Scagliarini A., (2006). A real time PCR assay for the detection and quantification of orf virus *Journal of Virological Methods* 134(1-2):140-5.
- Scagliarini A., Dal Pozzo F., Gallina L., Guercio A., Vaccari F., Battilani M., Ciulli S., Prospero S. (2006). In vitro activity of VEGF-E produced by orf virus strains isolated from classical and severe persistent contagious ecthyma. *Veterinary Microbiology* 16;114(1-2):142-7.
- Hosamani M., Bhanuprakash V., Scagliarini A., Singh RK. (2006). Comparative sequence analysis of major envelope protein gene (B2L) of Indian orf viruses isolated from sheep and goats. *Veterinary Microbiology* 10;116(4):317-24.
- Scagliarini A., Vaccari F., Gallina L., Dal Pozzo F., Prospero S. (2006). In vitro evaluation of antiviral activity of ribavirin against canine distemper virus. *Veterinary Research Communications Suppl* 1:269-72.
- D'Intino G., Vaccari F., Sivilia S., Scagliarini A., Gandini G., Giardino L., Calza L. (2006). A molecular study of hippocampus in dogs with convulsion during canine distemper virus encephalitis *Brain Research* 7;1098(1):186-95.
- Battilani M., Scagliarini A., Ciulli S., Morganti L., Prospero S. (2006). High genetic diversity of the VP2 gene of a canine parvovirus strain detected in a domestic cat. *Virology* 15;352(1):22-6.
- Battilani M., Foschi A., Scagliarini A., Ciulli S., Prospero S., Morganti L. (2006). Analysis of the N protein in feline coronavirus strains in Italy. *Advances in Experimental Medicine and Biology* 581:403-6.
- Scagliarini A., Mc Innes CJ., Gallina L., Dal Pozzo F., Scagliarini L., Snoeck R., Prospero S., Sales J., Gilray J., A Nettleton PF. (2007). Antiviral activity of HPMPC (cidofovir) against orf virus infected lambs *Antiviral Research* 73(3): 169-74.
- Scagliarini A., Dal Pozzo F., Gallina L., Vaccari F., Morganti L. (2007). TaqMan based real time PCR for the quantification of canine distemper virus. *Veterinary Research Communications Suppl* 1:261-3.
- Chen B., Pirondi S., Fernandez M., Giuliani A., Vaccari F., Scagliarini A., Giardino L., Calza L. (2007). Skin-derived stem cells from different mammalian species: a tool for developmental pharmacological and cancer studies in *Stem Cells and Cancer* 83-106 Nova Science Publishers Inc.
- White KP., Zedek DC., White WL, Simpson EL., Hester E., Morrison L., Lazarova Z., Liu D., Scagliarini A., Kurtz SE., White CR Jr., Yancey KB., Blauvelt A. (2008). Orf-induced immunobullous disease: A distinct autoimmune blistering disorder *Journal of the American Academy of Dermatology* 58 (1):49-55.
- Gallina L., Scagliarini L., McInnes CJ., Guercio A. Purpari G., Prospero S., Scagliarini A (2008). Parapoxvirus in goats: experimental infection and genomic analysis. *Veterinary Research Communications* 32: 203-205.
- Lupini C., Cecchinato M., Scagliarini a., Graziani R., Cetelli E. In Vitro Antiviral Activity of Chestnut and Quebracho Woods Extracts Against Avian Reovirus and Metapneumovirus. *Research in veterinary science* 87(3):482-487.
- Sonvico F, Colombo G, Gallina L, Bortolotti F, Rossi A, McInnes CJ, Massimo G, Colombo P Scagliarini A. Therapeutic paint of cidofovir/sucralfate gel combination topically administered by spraying for treatment of orf virus infections. *AAPS J.* 2009 Jun;11(2):242-9.
- Dal Pozzo F, Galligioni V, Vaccari F, Gallina L, Battilani M, Scagliarini A. Antiviral efficacy of EICAR against canine distemper virus (CDV) in vitro. *Res Vet Sci.* 2010 Apr;88(2):339-44.

- Hosamani M, Scagliarini A, Veerakyathappa B, McInnes CJ, Singh RK (2009). Orf: an update on current research and future perspectives. *Expert Reviews Anti-infective Therapy* 7(7):879-893.
- Gallina L., Scagliarini A. (2010). Virucidal efficacy of common disinfectants against orf virus. *Veterinary Record* 2010 Jun 5;166(23):725-6.
- Scagliarini A, Vaccari F, Turrini F, Bianchi A, Cordioli P, Lavazza A. Parapoxvirus infections of red deer, Italy. *Emerg Infect Dis.* 2011 Apr;17(4):684-7.
- Battilani M, Balboni A, Bassani M, Scagliarini A, Paltrinieri S, Prosperi S. Sequence analysis of the nucleocapsid gene of feline coronaviruses circulating in Italy. *New Microbiol.* 2010 Oct;33(4):387-92.
- Battilani M, Balboni A, Ustulin M, Giunti M, Scagliarini A, Prosperi S. Genetic complexity and multiple infections with more Parvovirus species in naturally infected cats. *Vet Res.* 2011 Mar 2;42(1):43.
- Zironi E, Gazzotti T, Lugoboni B, Barbarossa A, Scagliarini A, Pagliuca G. Development of a rapid LCMS/MS method for ribavirin determination in rat brain. *J Pharm Biomed Anal.* 2011 Mar 25;54(4):889-92.
- Dal Pozzo F, Martinelle L, Gallina L, Mast J, Sarradin P, Thiry E, Scagliarini A, Buettner M, Saegerman C. (2011). Original findings associated with two cases of bovine papular stomatitis. *J. Clin. Microbiol.* 2011 Dec;49(12):4397-400.
- Hautaniemi M, Vaccari F, Scagliarini A, Laaksonen S, Huovilainen A, McInnes CJ. (2011). Analysis of deletion within the reindeer pseudocowpoxvirus genome. *Virus Res. Sep;160(1-2):326-32.*
- Gallina L, Dal Pozzo F, Galligioni V, Bombardelli E, Scagliarini A. Inhibition of viral RNA synthesis in canine distemper virus infection by proanthocyanidin A2. *Antiviral Res.* . 2011 Dec;92(3):447-52
- Colombo G, Lorenzini L, Zironi E, Galligioni V, Sonvico F, Balducci AG, Pagliuca G, Giuliani A, Calzà L, Scagliarini A. Brain distribution of ribavirin after intranasal administration. *Antiviral Res.* 2011 Dec;92(3):408-14.
- Scagliarini A, Piovesana S, Turrini F, Savini F, Sithole F, McCrindle CM. Orf in South Africa: Endemic but neglected. *Onderstepoort J Vet Res.* 2012 Dec 7;79(1):1-8.
- Scagliarini A, Bettini G, Savini F, Spadari A, Sonvico F, Balducci AG, Calbucci S, Colombo G. Treatment of equine sarcoids. *Vet Rec.* 2012 Sep 29;171(13):330
- Vairo S, Favoreel H, Scagliarini A, Nauwynck H. Identification of target cells of a European equine arteritis virus strain in experimentally infected ponies. *Vet Microbiol.* 2013 Dec 27;167(3-4):235-412.
- Scagliarini A, Gallina L, Battilani M, Turrini F, Savini F, Lavazza A, Chiari M, Coradduzza E, Peli A, Erdélyi K, Alberti A. *Cervus elaphus papillomavirus (CePV1): new insights on viral evolution in deer.* *Vet Microbiol.* 30;165(3-4):252-9.
- Vairo S, Van den Broeck W, Favoreel H, Scagliarini A, Nauwynck H. Development and use of a polarized equine upper respiratory tract mucosal explant system to study the early phase of pathogenesis of a European strain of equine arteritis virus. *Vet Res.* 2013 Mar 28;44:22.
- Battilani M, Vaccari F, Carelle MS, Morandi F, Benazzi C, Kipar A, Dondi F, Scagliarini A. Virulent feline calicivirus disease in a shelter in Italy: a case description. *Res Vet Sci.* 2013 Aug;95(1):283-90.
- Lecis R, Tore G, Scagliarini A, Antuofermo E, Dedola C, Cacciotta C, Dore GM, Coradduzza E, Gallina L, Battilani M, Anfossi AG, Muzzeddu M, Chessa B, Pittau M, Alberti A. *Equus asinus papillomavirus (EaPV1) provides new insights into equine papillomavirus diversity.* *Vet Microbiol.* 2014 Jun 4;170(3-4):213-23.
- Balboni A, De Lorenzo Dandola G, Scagliarini A, Prosperi S, Battilani M. Occurrence of

- different Canine distemper virus lineages in Italian dogs. *Vet Ital.* 2014 Jul-Sep;50(3):227-31.
- Gallina L, Veronese F, Farinelli P, Boldorini R, Delrosso G, Colombo E, Maldì E, Peli A, Scagliarini A. Erythema multiforme after orf virus infection. *Epidemiol Infect.* 2016 Jan;144(1):88-9.
  - Savini F, Gallina L, Prosperi A, Battilani M, Bettini G, Scagliarini A. E5 nucleotide polymorphisms suggest quasispecies occurrence in BPV-1 sub-clinically infected horses. *Res Vet Sci.* 2015 Oct;102:80-2. doi: 10.1016/j.rvsc.2015.07.016.
  - Savini F, Dal Molin E, Gallina L, Casà G, Scagliarini A. PAPILLOMAVIRUS IN HEALTHY SKIN AND MUCOSA OF WILD RUMINANTS IN THE ITALIAN ALPS. *J Wildl Dis.* 2016 Jan;52(1):82-7.
  - Scagliarini A, Casà G, Trentin B, Gallina L, Savini F, Morent M, Lavazza A, Puleio R, Buttaci C, Cannella V, Purpari G, Di Marco P, Piquemal D, Guercio A. Evidence of zoonotic Poxviridae coinfections in clinically diagnosed papillomas using a newly developed mini-array test. *J Vet Diagn Invest.* 2016 Jan;28(1):59-64.
  - Savini F, Gallina L, Alberti A, Müller M, Scagliarini A. Bovine papillomavirus type 7 in Italy: complete genomes and sequence variants. *Virus Genes.* 2016 Apr;52(2):253-60.
  - Savini F, Mancini S, Gallina L, Donati G, Casà G, Peli A, Scagliarini A. Bovine papillomatosis: First detection of bovine papillomavirus types 6, 7, 8, 10 and 12 in Italian cattle herds. *Vet J.* 2016 Apr;210:82-4.
  - Prosperi A, Chiari M, Zanoni M, Gallina L, Casà G, Scagliarini A, Lavazza A. Identification and Characterization of *Fringilla coelebs* Papillomavirus 1 (FcPV1) in Free-living and Captive Birds in Italy. *J Wildl Dis.* 2016 Jul;52(3):756-8.
  - Sabattini S, Savini F, Gallina L, Scagliarini A, Bassi P, Bettini G. p16 Immunostaining of Canine Squamous Cell Carcinomas Is Not Associated with Papillomaviral DNA. *PLoS One.* 2016 Jul 21;11(7):e0159687.
  - Lecis R, Secci F, Antuofermo E, Nuvoli S, Scagliarini A, Pittau M, Alberti A. Multiple gene typing and phylogeny of avipoxvirus associated with cutaneous lesions in a stone curlew. *Vet Res Commun.* 2017 Jun;41(2):77-83.
  - Mariella J, Castagnetti C, Prosperi A, Scagliarini A, Peli A. Cytokine levels in colostrum and in foals' serum pre- and post-suckling. *Vet Immunol Immunopathol.* 2017 Mar;185:34-37.
  - Tore G, Cacciotto C, Anfossi AG, Dore GM, Antuofermo E, Scagliarini A, Burrai GP, Pau S, Zedda MT, Masala G, Pittau M, Alberti A. Host cell tropism, genome characterization, and evolutionary features of OaPV4, a novel Deltapapillomavirus identified in sheep fibropapilloma. *Vet Microbiol.* 2017 May;204:151-158.
  - Giuliani A, Balducci AG, Zironi E, Colombo G, Bortolotti F, Lorenzini L, Galligioni V, Pagliuca G, Scagliarini A, Calzà L, Sonvico F. In vivo nose-to-brain delivery of the hydrophilic antiviral ribavirin by microparticle agglomerates. *Drug Deliv.* 2018 Nov;25(1):376-387.
  - Roccaro M, Piva S, Scagliarini A, Giacometti F, Serraino A, Meriardi G, Frasnelli M, Romano A, Bellio A, Decastelli L, Peli A. Case report of a pustular dermatitis outbreak in sheep: Clinical and food safety considerations. *Ital J Food Saf.* 2018 Apr 11;7(1):6980.
  - Bianchi, L; Tramontana, M; Biondi, F; Hansel, K; Gallina, L; Scagliarini, A; Manuali, E; Stingeni, L, Image Gallery: Recurrent bovine papular stomatitis virus infection diagnosed by nested polymerase chain reaction, *British Journal Of Dermatology*, 2019, 180
  - Savini, Federica; Gallina, Laura; Mazza, Francesca; Mariella, Jole; Castagnetti, Carolina; Scagliarini, Alessandra (2019). Molecular Detection of Bovine Papillomavirus DNA in the Placenta and Blood of Healthy Mares and Respective Foals, *Veterinary Sciences*, 2019, 6, pp. 14 – 18
  - Garcês A, Pires I, Savini F, Scagliarini A, Gallina L. Cutaneous Fibropapilloma in a Red Deer



- (Cervus elaphus) Associated with Cervus elaphus Papillomavirus in Portugal (2020). *J Wildl Dis.* 2020 Jan 9. doi: 10.7589/2019-03-070.
- Gallina L, Savini F, Canziani S, Frasnelli M, Lavazza A, Scagliarini A, Lelli D. Bovine Papillomatosis Hiding a Zoonotic Infection: Epitheliotropic Viruses in Bovine Skin Lesions. *Pathogens.* 2020 Jul 17;9(7):583. doi: 10.3390/pathogens9070583. PMID: 32709033; PMCID: PMC7400346.
  - Gallina L, Koch MC, Gentile A, Treglia I, Bombardi C, Mandrioli L, Bolcato M, Scagliarini A, Drögemüller C, Seuberlich T, Ciulli S. Bovine viral diarrhoea virus 1b infection associated with congenital tremor and hypomyelination in Holstein calves. *Vet Microbiol.* 2021 May;256:109047. doi: 10.1016/j.vetmic.2021.109047. Epub 2021 Mar 23. PMID: 33866081.
  - Scagliarini A, Alberti A. COVID-19: An Appeal for an Intersectoral Approach to Tackle With the Emergency. *Front Public Health.* 2020 Jun 16;8:302. doi: 10.3389/fpubh.2020.00302. PMID: 32612975; PMCID: PMC7308477.
  - Garcês A, Pires I, Savini F, Scagliarini A, Gallina L. Cutaneous Fibropapilloma in a Red Deer (Cervus elaphus) Associated with Cervus elaphus Papillomavirus in Portugal. *J Wildl Dis.* 2020 Jul;56(3):636-639. doi: 10.7589/2019-03-070. Epub 2020 Jan 9. PMID: 31917637.
  - Aragrande M, Canali M, Roccaro M, Ferraro E, Bonoli A, Savini F, Piva S, Gallina L, Peli A, Sambri V, Scagliarini A. One Health Evaluation: A Case Study at the University of Bologna. *Front Public Health.* 2021 Jul 28;9:661490. doi: 10.3389/fpubh.2021.661490. PMID: 34395358; PMCID: PMC8355810.
  - Piva S, Mariella J, Cricca M, Giacometti F, Brunetti B, Mondo E, De Castelli L, Romano A, Ferrero I, Ambretti S, Roccaro M, Merialdi G, Scagliarini A, Serraino A, Peli A. Epidemiologic case investigation on the zoonotic transmission of Staphylococcus aureus infection from goat to veterinarians. *Zoonoses Public Health.* 2021 Sep;68(6):684-690. doi: 10.1111/zph.12836. Epub 2021 May 5. PMID: 33951301; PMCID: PMC8453741
  - Balboni A, Savini F, Scagliarini A, Berti E, Naldi M, Urbani L, Fontana MC, Carra E, Gibelli LRM, Gobbo F, Bologna E, Zambelli D, Ceccherelli R, Battilani M. Natural distemper infection in stone martens (Martes foina): From infection to neutralizing antibodies. *Res Vet Sci.* 2021 Sep;138:196-200. doi: 10.1016/j.rvsc.2021.06.015. Epub 2021 Jun 18. PMID: 34171543.
  - Gallina L, Koch MC, Gentile A, Treglia I, Bombardi C, Mandrioli L, Bolcato M, Scagliarini A, Drögemüller C, Seuberlich T, Ciulli S. Bovine viral diarrhoea virus 1b infection associated with congenital tremor and hypomyelination in Holstein calves. *Vet Microbiol.* 2021 May; 256:109047. doi: 10.1016/j.vetmic.2021.109047. Epub 2021 Mar 23. PMID: 33866081.
  - Decataldo F, Grumiro L, Marino M.M. *Faccin., Giovannini C., Brandolini M., Dirani G., Taddei F., Lelli D., Tessarolo M., Calienni M., Cacciotto C., Lavazza A., Fraboni B., Scagliarini A., Sambri V.* Fast and real-time electrical transistor assay for quantifying SARS-CoV-2 neutralizing antibodies. *Commun Mater* 3, 5 (2022). <https://doi.org/10.1038/s43246-022-00226-6>

#### Honours and awards

2007 recognized as successful candidate for the following EFSA positions: Junior Scientific Officer (A7) BIOHAZ and Junior Scientific Officer (A6) AHAW  
March 2018 Ambassador of the City of Bologna

