

Curriculum Vitae
of
Francesco Carlo Origgi

Personal Information

Name: Francesco Carlo Origgi

Date of Birth:

Business Address:

-Institute of Microbiology
Department of environment construction and design
University of applied Sciences and Arts of Southern Switzerland (SUPSI)

Email:

-Institute of Infectious Diseases
Department of Veterinary Sciences
College of Veterinary Medicine, University of Messina

Email:

Education and training

- | | |
|------------------|--|
| -09/1983-06/1988 | Liceo Scientifico G.B Grassi, Largo Montenero, Lecco -Lc-. Graduated in July 1988 in Lecco - Italy. |
| -11/1988-7/1994 | Doctor in Veterinary Medicine (D.V.M.), Università degli Studi di Milano, Facoltà di Medicina Veterinaria (Milan, Italy). |
| -01/1993-07/1994 | Completed a senior project in the Department of pathology of the University of Milan, under professors Giancarlo Mandelli and Eugenio Scanziani. The results of the experimental work were published in the final thesis (Anatomic-pathological and Serological Investigation of Leptospirosis in Wild Boars) as partial fulfillment of the College of veterinary medicine course work of the University of Milan. |
| -1994 | Italian and European Board certification for legal practicing. Qualified on December 19 th . |
| -11/1994-11/1995 | Completed a one-year research project on <i>Leptospira interrogans</i> at the Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia (Milan, Italy), granted |

by the Italian Ministry of Health. Research fields: General and special Microbiology of *Leptospira interrogans* and *Mycoplasma* spp; Serology of *Leptospira interrogans*.

- 02-04/1996 Three months clinical training as a visiting veterinarian at the Wildlife and Zoological Medicine Service of The College of Veterinary Medicine at the University of Florida (Supervisor: Dr Elliott Jacobson).
- 05/1996-07/1998 Attended the diagnostic pathology service of Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia (Milan, Italy) under the supervision of Dr Daniela Gelmetti (DECVP) [Reading and interpretation of the surgical biopsies and of the necropsy specimens sent to the service (food animals, equine, poultry and exotics); Reptile gross and microscopic pathology].
- 08/1998-08/2001 Enrolled in the PhD program in Experimental Pathology and Infectious Diseases of the Graduate School of the University of Florida, College of Veterinary Medicine Department of Small Animal Clinical Sciences and Pathobiology, under Dr Elliott Jacobson (Graduate Committee: ER Jacobson –chair-, PA Klein –co-chair-, MB Brown, JM Gaskin, BL Homer, DB Bloom, CH Romero).
Dissertation Title: Development of Serological and Molecular Tests for Herpesvirus Exposure Detection in Tortoises. Graduated on august 11th.
- 11/2001-06/2006 Attended the Residency training program for the anatomic pathology residents of the University of Milan as an external auditor under the supervision of Dr Paola Roccabianca DVM, DECVP.
- 09/2003-06/2006 Enrolled in the Laboratory Animal Science Residency Program (Scuola di specialita') of the College of Veterinary Medicine of the University of Milan. Graduated in June 2006.
- 07/2006-07/2008 Enrolled in the Anatomic Pathology Residency Program. Department of Infectious Diseases and Pathology, College of Veterinary Medicine, University of Florida. Completed on July 14th.

Professional Experience

- 05/1996-07/1998 Veterinary clinician (exotics).
- 02-09/1997 Microbiology Consultant for the Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia. Milan, Italy.
- 11/2001-06/2006 Post-Doctoral Research Associate, Human Virology Unit (Under Professor Paolo Lusso, MD, Head), Department of Immunology and infectious diseases, DIBIT, San Raffaele Scientific Institute, Milan, Italy. Areas of training: Novel pathogens, recombinant viral vectors, virus entry.
- 07/2008-07/2009 Clinical instructor in Anatomic pathology. Department of infectious diseases and pathology, University of Florida, College of Veterinary Medicine & staff Pathologist at The Disney's Animal Kingdom, Veterinary services, Disney's Animal Programs.

-02/2010-01/2015	Instructor, Head of the wildlife diagnostic service, Center for Fish and Wildlife Health [Zentrum für Fisch- und Wildtiermedizin (FIWI)]. College of Veterinary Medicine, Vetsuisse Faculty-University of Bern. Switzerland
-06/2012-01/2015	Assistant, Joint-appointment in the department of Veterinary Bacteriology (IVB), College of Veterinary Medicine, Vetsuisse Faculty-University of Bern, Switzerland.
-02/2016-12/2017	Oberassistent, Joint-appointment in the department of Veterinary Bacteriology (IVB), College of Veterinary Medicine, Vetsuisse Faculty-University of Bern, Switzerland.
-02/2016-04/2020	Oberassistent, Head of the wildlife diagnostic service, Center for Fish and Wildlife Health [Zentrum für Fisch- und Wildtiermedizin (FIWI)]. College of Veterinary Medicine, Vetsuisse Faculty-University of Bern, Switzerland
-05/2020-03/2021	Dozent I, Head of the wildlife diagnostic service, Center for Fish and Wildlife Health [Zentrum für Fisch- und Wildtiermedizin (FIWI)], Vetsuisse Faculty-University of Bern, Switzerland
-04/2021-12/2023	Dozent I, Referral for Zoo pathology, diagnostic pathology service, Institute of Animal Pathology (ITPA), Vetsuisse Faculty-University of Bern, Switzerland
-01/2023-Present	Full Professor, Infectious Animal Diseases Unit, Department of Veterinary Sciences, University of Messina, Italy
-03/2024-Present	Director, and Full Professor (Infectious animal diseases and microbiology) Institute of Microbiology, Department of Environment, Construction and Design, University of Applied Sciences and Arts (SUPSI), Mendrisio, Switzerland

Professional Specialties:

American College of Veterinary Microbiologists (Virology) (ACVM): Certified December 2nd, 2007.

American College of Veterinary Pathologists (ACVP): Certified September 25th, 2009.

European College of Zoological Medicine (Herpetology) (ECZM): Certified July 22nd, 2014.

Honors and Awards:

-1994	Graduated in Veterinary Medicine, 110/110 <i>summa cum Laude</i> (Honor), on July 4 th .
-1998	<i>Fulbright Scholarship</i>
-1999	<i>Academic Excellence Award for International Students (University of Florida).</i>
-2000	<i>Academic Excellence Award for International Students (University of Florida).</i>

- 2001 *Academic Excellence Award for International Students (University of Florida).*
- 2001 *Excellence award in Clinical Research (University of Florida).*
- 2002 **Phi-Zeta award for best clinical research article (University of Florida, CVM):**
(**Origi F**, Klein PA, Mathes K, Blahak S, Marschang RE, Tucker SJ, Jacobson ER. An Enzyme linked Immunosorbent Assay (ELISA) for detecting herpesvirus exposure in Mediterranean tortoises [Spur Thighed tortoise (*Testudo graeca*) and Hermann's tortoise (*Testudo hermanni*). J Clin Micro, 39: 3156-3163).
- 2013 **C.L. Davis Foundation "Journal Award" (best publication of the year in veterinary pathology for outstanding content, relevance investigative approach and illustrations).**
(**Origi FC**, P Plattet, U Sattler, N Robert, J Casaubon, F Mavrot, M Pewsner, N Wu, S Giovannini, A Oevermann, MH Stoffel, V Gaschen, H Segner, and M-P Ryser-Degiorgis. Emergence of Canine Distemper Virus strains with modified molecular signature and enhanced neuronal tropism leading to high mortality in wild carnivores. Vet Pathol. 49: 913-29).
- 2016 *Venia Docendi (Habilitation-Promotion equivalent), Discipline: Infectious disease pathology, University of Bern, October 24.*
- 2017 **Habilitation as full Professor** in Veterinary Anatomic Pathology, Italian Ministry for Research and University (ASN), since July 20th.
- 2018 **Habilitation as full Professor** (Animal infectious diseases), by the Italian Ministry of Research and University.
- 2018 Dave Morafka's Award by the Desert tortoise council (USA)
- 2020 Dr Frank Mutschmann Award (Best amphibian medicine paper of the year)
- 2023 Shortlisted for the position of Head of the Department of Population Health and Pathobiology at North Carolina State University CVM (one out of the two final candidates), Raleigh, North Carolina, USA.

Reviewer

- Acta microbiologica Hungarica
- Acta Herpetologica
- BMC Veterinary Research
- BMC Genomics
- EcoHealth
- Journal of Herpetological Medicine and Surgery
- Journal of Virological Methods

- Journal of Virology
- Journal of Wildlife Diseases
- Journal of Zoo and Wildlife Medicine
- PLOSone
- Veterinary Pathology
- Veterinary Record
- Virus Research
- Veterinaria Italiana
- Virus Evolution

Editorial Boards

- | | |
|--------------|---|
| 2014-ongoing | -Journal of Herpetological Medicine and Surgery |
| 2014-2020 | -Veterinary Pathology |

Associate Editor

- | | |
|--------------|--|
| 2018-ongoing | -Veterinary Pathology (Non-domestic, Exotic, Wildlife and Zoo animals) |
| 2019-2020 | -Frontiers in Veterinary Sciences (<i>ad hoc</i> co-Ass. Editor: Health and Disease in Free-Ranging and Captive Wildlife) |
| 2021-ongoing | -Journal of Herpetological Medicine and Surgery |

Advisory Groups

- | | |
|-----------|---|
| 2012-2013 | Member of the Advisory group for the maintenance of the certification (MOC) nominated by the maintenance of certification development committee of the American College of Veterinary Pathologists. |
| 2012-2013 | Member of the advisory committee for the evaluation of research products in the framework of the Italian Evaluation of Research Quality exercise (VQR 2004-2010). |
| 2016 | Member of the advisory committee for the evaluation of research products in the framework of the Italian Evaluation of Research Quality exercise (VQR 2011-2014). |

-2017	Member of the scientific committee, reptile medicine session. ICARE conference, Venice, March 25 th -29 th .
-2017-ongoing	Member of the <i>Herpesvirales</i> study group, part of the International Committee on Taxonomy of Viruses (ICTV)
-2017-ongoing	Member of the Angoff study groups for the evaluation of the testing quality of the American College of Veterinary Microbiologists
-2017-2018	Member of the search committee for the Professor of Parasitology at the University of Bern
-2017-2021	FIWI Mittelbau representative
-2017-2021	Vetsuisse Faculty Assembly (Bern-Zurich) Mittelbau representative
-2021-2022	DIP representative in the Center for farm animal diagnostics of the Vetsuisse (DZ NTG).

Attended professional Workshops

Clinical Sciences:

-1997	"Reptile Surgery Laboratory". Drs. Douglas Mader and Richard Funk. 14 th North American Veterinary Conference, Orlando, Florida, January 11-15.
-1997	"Advanced Reptile Laboratory Techniques". Drs. Thomas Boyer, John Rossi, Scott Stahl, Kevin Wright. 14 th , North American Veterinary Conference. Orlando, Florida, January 11-15.
-2003	"External Fixators in Avian Medicine". Dr Patrick Redig. 10 th Annual Conference of the association of Reptilian and Amphibian Veterinarians (joint conference with the American association of Zoo veterinarians), Minneapolis, Minnesota, October 4-09.

Basic Sciences:

-1999	"DNA Recombinant Workshop". Hosted by the Interdisciplinary Center for Biotechnology and Research, University of Florida, Gainesville, Florida, March 1-5.
-1999	"DNA Markers Workshop". Hosted by the Interdisciplinary Center for Biotechnology and Research, University of Florida, Gainesville, Florida, May 2-7.
-1999	"Antibody Tools in research". Hosted by the Interdisciplinary Center for Biotechnology and Research, University of Florida, Gainesville, Florida, April 10-15.
-2001	"Current Gene Expression Analysis: Microarrays". Hosted by the Interdisciplinary Center for Biotechnology and Research, University of Florida, Gainesville, Florida, May 7-11.

- 2002 "Flow-cytometry workshop". Hosted by the Flow-cytometry-core laboratory, San Raffaele Scientific Institute, Milan, Italy, May 3-4.

Bioinformatics:

- 2018 "First steps with Unix". The Swiss Bioinformatics Institute, Lausanne, Switzerland, September 27th.
- 2019 "First steps with R". The Swiss Bioinformatics Institute, Lausanne, Switzerland, January 15-16.
- 2019 "RNAseq: from quality control to pathways analysis". The Swiss Bioinformatics Institute, Bern, Switzerland, January 21-22.

Laboratory animals:

- 2019 EGA course, University of Zurich, Zurich, Switzerland.
- 2020 LTK-Module 2M: Education for Persons Responsible for Directing Animal Experiments (study director), University of Zurich, Zurich, Switzerland.

Attended Teaching workshops

- 2014 "Effective interacting teaching and learning". Instructor: Siara Isaac, EPFL, Lausanne, Switzerland, September 2nd.
- 2014 "Building effective multiple choice questions". Instructor: Siara Isaac, EPFL, Lausanne, Switzerland, October 10th.
- 2014 "Effective lecturing". Instructor: Ingrid Le Duc, EPFL, Lausanne, Switzerland, November 28th.
- 2015 "Techniques of a one woman/one man show in teaching". Instructor: Catherine Gillet, EPFL, Lausanne, Switzerland, November 3rd.

Teaching duties

- Reptile anatomy and physiology (Morphologie) (yearly course; Bern), Vetsuisse Faculty, 2010-2021.
- Avian anatomy and physiology (Morphologie) (yearly course; Bern), Vetsuisse Faculty, 2010-2021.
- Research in wildlife medicine (annual course; Bern and Zürich), Vetsuisse Faculty, 2010-2021.
- Reptile and amphibian infectious diseases: Master in "Reproduction, management, pathology and therapy of not conventional animals" at the University of Parma, Parma, Italy, since 2017.
- Reptile medicine and biology (infectious disease module_elective course), Utrecht University, The Netherlands, since 2021.
- Reptile Medicine Master (Infectious diseases and pathology), Utrecht University, Since 2021.

- Pathology of the heart and of the circulatory system (Annual course; Bern), Vetsuisse Faculty, 2021-2023.
- Avian Pathology (38 credit hours; Annual course, University of Messina), since 2023.
- Infectious diseases of large animals (51 credit hours; Annual course, University of Messina), since 2023.
- Workshop on diagnostic of infectious animal diseases (18 credit hours; annual course, University of Messina), since 2023.
- Workshop on avian pathology (18 credit hours; annual course, University of Messina), since 2023.
- Infectious diseases of teleosts raised in captivity (residency in teleosts medicine, University of Messina), since 2023

Mentoring

Anatomic pathology residents (ACVP/ECVP)

Primary Supervisor:

2010-2013	Samoa Giovannini
2010-2011	Fannie Baudimont (Anatomic pathology resident from NANT veterinary school; 3 months externship).
2011	Lineke Begeman (Anatomic pathology resident from Utrecht veterinary school; 6 weeks externship)
2013-2017	Ezgi Akdesir
2017-2018	Ursula Teubenbacher (intern)
2018	Michelle Imlau (intern)
2019	Michelle Imlau (resident)
2019-2020	Stephanie Borel (intern)
2020-2021	Patrick Scherrer (Intern)
2021	Susanne Guthruf (Intern)

Anatomic pathology residents (ACVP/ECVP)

Co-Supervisor:

2021-2022	Jelscha Trümpler (intern)
2021-2023	Irene Zühlke (resident)
2021-2023	Leonore Küchler (resident)
2021-2023	Jan Frenzen (resident)

2021-2023 Iva Cvitas (resident)

2021-ongoing Seraina Meister (Primary supervisor-resident project)

2022-2023 Stefano Bagatella

Doctoral students

Co-Supervisor (Dr MP Ryser-Degiorgis, Primary Supervisor)

2010-2011	Natacha Wu
2010-2011	Fabien Mavrot
2010-2011	Miriam Pewsner
2011-2012	Janne Schöning
2011-2013	Mainity Batista Linhares
2012-2015	Roman Kaspar Meier
2013-2014	Nelson Merrerros (Post-doctoral research associate)
2015-2016	Chloé Haas
2015-2017	Iris Marti
2017-2019	Simone Pisano
2017-2020	Gaia Moore-Jones (PhD)
2020-2021	Stephanie Borel
2021	Patrick Scherrer

Primary supervisor

2018-2020	Katja Schönbächler
-----------	--------------------

Master students:

Primary Supervisor:

2017-2018	Silvia Cameroni, Università degli Studi di Parma, Master Universitario Di II Livello: Riproduzione, Management, Patologia e Terapia degli Animali non Convenzionali. Thesis: " <i>Xenopus Laevis</i> (Amphibia, Pipidae): Breeding notes and common diseases overview". (Relatore)
2017-2018	Eelena Readelli, Università degli Studi di Parma, Master Universitario Di II Livello: Riproduzione, Management, Patologia e Terapia degli Animali non Convenzionali. Thesis: " <i>B. dendrobatidis</i> and <i>B. salamandrivorans</i> : protective role of antimicrobial peptides and bacterial microbiome". (Relatore).

2018-2019	Erika Baldoni, Università degli Studi di Parma, Master Universitario Di II Livello: Riproduzione, Management, Patologia e Terapia degli Animali non Convenzionali. Thesis: " <i>Testudinid herpesvirus</i> (TeHV) and <i>Mycoplasma</i> spp. epidemiological study in Testudo hermanni held in two recovery centers in central Italy". (Relatore)
2018-2019	Matthias Licheri

Undergraduate Veterinary and graduate students (externship)
Primary Supervisor

2013	Marco Tecilla (2 weeks) (University of Milan)
2015-(February to April)	Marco Tecilla (Doctoral student from the University of Milan)

Co-Supervisor (with Dr MP Ryser-Degiorgis)

2014 (January to July)	Sara Nuvoli (Doctoral student from the University of Sassari)
2015-16 (10 weeks)	Christine Jelinek (Veterinary student from University of Vienna)

Microbiology residents (ACVM):

Primary supervisor

2012	Davide Giovanardi, Qualified in December 2012
2012-2013	Stefanie Gobeli, Qualified in December, 2013

Co-Supervisor (with Dr Stefanie Gobeli)

2015- 2016	Sarah Schmitt (University of Zurich), Qualified in December, 2016
2015- 2017	Marianne Schneeberger (University of Zurich), Qualif. in November 2017
2015- 2017	Constanze Kirchgässner (University of Zurich), Qualif. in November 2017
2015- 2017	Sonja Kittl (University of Bern), Qualified in November 2017

Co-Supervisor (with Dr Stefanie Gobeli-until 2017; and Dr Sonja Kittl-from 2017)

2015- 2017	Katharina Meidinger (University of Bern)
2015- 2018	Sabrina Rodriguez Campos (University of Bern)
2015- 2018	Giovanni Ghilmetti (University of Zurich), Qualified in November 2018
2018-2020	Lutz Schönecker (University of Bern), Qualified in November 2020
2020-2023	Ezgi Akdesir (University of Bern)

2020-2023 Milena Tresch (University of Bern), Qualified in December 2023.

Wildlife population health residents (Pathology supervision)

2017-2019 Simone Pisano

2020-2021 Lisa Heiderich

External examiner for PhD dissertations

2020 Jane Penelope Wesson, PhD, Dissertation title: "Sunshinevirus in Australian Snakes: Investigating the Link with Disease"; Murdoch University, Australia.

2021 Sara Pagliarani, PhD, Dissertation title: "Further insights into the pathogenesis of Chlamydiosis and characterisation of immune cells in the reproductive tract of koalas (*Phascolarctos cinereus*)", University of Queensland, Australia.

2022 Luca Aroa Schick, Doctorate, Dissertation title: "Health monitoring of common eiders (*Somateria mollissima*) from the Western Baltic Sea and potential impact of TNT and other toxic compounds of dumped warfare on their health", University of Hannover, Germany.

Refereed scientific articles (85)

-2001 **Origgi F**, Klein PA, Mathes K, Blahak S, Marschang RE, Tucker SJ, Jacobson ER. An Enzyme-linked Immunosorbent Assay (ELISA) for detecting herpesvirus exposure in Mediterranean tortoises [Spur Thighed tortoise (*Testudo graeca*) and Hermann's tortoise (*Testudo hermanni*). J Clin Micro, 39: 3156-3163 (*if* 3.993).

-2001 Ceruti R, Sonzogni O, **Origgi F**, Vezzoli F, Cammarata S, Giusti AM and Scanziani E. *Capillaria hepatica* infection in wild brown rats (*Rattus norvegicus*) from the urban area of Milan, Italy. J Vet Med B 48: 235-240 (*if* 1.57).

-2001 Jacobson ER, **Origgi F**, Pessier AP, Lamirande EW, Walker I, Whitaker B, Stalis IH, Nordhausen R, Owens JW, Nichols DK, Heard D, and Homer B. Paramyxovirus infection in caiman lizards, *Draecena guianensis*. J Vet Diagn Invest, 13: 143-151 (*if* 1.353).

-2002 Scanziani E, **Origgi F**, Giusti AM, Iacchia G, Vasino A, Pirovano G, Scarpa P, Tagliabue SJ. Serological survey of leptospiral infection in kennelled dogs in Italy. J Small Anim Pract. 43: 154-7 (*if* 1.089).

-2002 Jacobson ER, **Origgi F**, Heard D, Detrisac C. Immunohistochemical staining of chlamydial antigen in emerald tree boas (*Corallus caninus*). J Vet Diagn Investig. 14: 487-94 (*if* 1.353).

- 2003 **Origgi FC**, Klein PA, Tucker SJ, Jacobson ER. Application of immunoperoxidase based techniques to detect herpesvirus infection in tortoises. *J Vet Diagn Investig* 15: 133-140 (*If 1.353*).
- 2004 **Origgi FC**, Romero CH, Bloom DC, Klein PA, Gaskin JM, Tucker SJ, Jacobson ER. Experimental transmission of a herpesvirus in Greek tortoises (*Testudo graeca*). *Vet Pathol* 41: 50-61 (*If 2.11*).
- 2006 Jacobson ER, Homer BL, Stacy BA, Greiner EC, Szabo NJ, Chrisman CL, **Origgi F**, Coberley S, Foley AM, Landsberg JH, Flewelling L, Ewing RY, Moretti R, Schaf S, Rose C, Mader DR, Harman GR, Manire CA, Mettee NS, Mizisin AP, Shelton GD. Neurological disease in wild loggerhead sea turtles *Caretta caretta*. *Dis Aquat Organ* 70:139-154 (*If 1.59*).
- 2007 Lisco A, Grivel JC, Biancotto A, Vanpouille C, **Origgi F**, Malnati MS, Schols D, Lusso P, Margolis LB. Viral interactions in human lymphoid tissue: Human herpesvirus 7 suppresses the replication of CCR5-tropic human immunodeficiency virus type 1 via CD4 modulation. *J Virol* 81:708-717 (*If 4.439*).
- 2008 Chaffin K, Norton TM, Gilardi K, Poppenga R, Jensen JB, Moler P, Cray C, Dierenfeld ES, Chen T, Oliva M, **Origgi FC**, Gibbs S, Mazzaro L, Mazet J. Health assessment of free-ranging alligator snapping turtles (*Macrochelys temminckii*) in Georgia and Florida. *J Wildl Dis* 44:670-686 (*If 1.31*).
- 2011 Langedijk JP, Janda J, **Origgi FC**, Orvell C, Vandeveld M, Zurbriggen A, Plattet P. Canine distemper virus infects canine keratinocytes and immune cells by using overlapping and distinct regions located on one side of the attachment protein. *J Virol*. 85:11242-11254 (*If 4.439*).
- 2012 **Origgi FC**, P Plattet, U Sattler, N Robert, J Casaubon, F Mavrot, M Pewsner, N Wu, S Giovannini, A Oevermann, MH Stoffel, V Gaschen, H Segner, and M-P Ryser-Degiorgis. Emergence of Canine Distemper Virus strains with modified molecular signature and enhanced neuronal tropism leading to high mortality in wild carnivores. *Vet Pathol*. 49: 913-29 (*If 2.11*).
- 2012 Ader N, Brindley MA, Avila M, **Origgi FC**, Langedijk JP, Orvell C, Vandeveld M, Zurbriggen A, Plemper RK, Plattet P. Structural Rearrangements of the Central Region of the Morbillivirus Attachment Protein Stalk Domain Trigger F Protein Refolding for Membrane Fusion. *J Biol Chem*. 287:16324-34 (*If 4.60*).
- 2012 Terrell SP, **Origgi FC**, Agnew DW. Glomerulonephropathy in Aged Captive Key Largo Woodrats (*Neotoma floridana smalli*). *Vet Pathol*. 49:710-716 (*If 2.11*).
- 2012 Jacobson ER, Berry KH, Wellehan JF Jr, **Origgi F**, Childress AL, Braun J, Schrenzel M, Yee J, Rideout B. Serologic and molecular evidence for Testudinid herpesvirus 2 infection in wild Agassiz's desert tortoises, *Gopherus agassizii*. *J Wildl Dis*. 48:747-57 (*If 1.31*).
- 2013 Giovannini S, Pewsner M, Hüsey D, Hächler H, Degiorgis MP, Hirschheydt JV, **Origgi FC**. Epidemic of Salmonellosis in passerine Birds in Switzerland with spillover to domestic cats. *Vet Pathol*. 50:597-606 (*If 2.11*).

- 2013 Schöning JM, Cerny N, Prohaska S, Wittenbrink MM, Smith NH, Bloemberg G, Pewsner M, Schiller I, **Origi FC**, Ryser-Degiorgis MP. Surveillance of bovine tuberculosis and risk estimation of a future reservoir formation in wildlife in Switzerland and Liechtenstein. *PLoS One*. 2013;8(1):e54253. doi: 10.1371/journal.pone.0054253. Epub 2013 Jan 21. PMID: 23349839; PMCID: PMC3549981 (*If 3.53*).
- 2013 Geiger CC, Schmidt BR and **Origi FC**. Accumulation of *Batrachochytrium dendrobatidis* and bacteria on the regressing tail of midwife toads *Alytes obstetricans* undergoing metamorphosis. *Amphibia-Reptilia*. 34: 255-258 (*If 1.14*).
- 2013 **Origi FC**, Sattler U, Pilo P, and Waldvogel A. Fatal combined infection with canine distemper virus and orthopoxvirus in a group of asian marmots (*Marmota caudata*). *Vet pathol*. 50:914-920 (*If 2.11*).
- 2014 Avila M, Alves L, Khosravi M, Ader-Ebert N, **Origi F**, Schneider-Schaulies J, Zurbriggen A, Plemper RK, Plattet P. Molecular determinants defining the triggering range of prefusion f complexes of canine distemper virus. *J Virol*. 88:2951-2966 (*If 4.439*).
- 2014 Sattler U, Khosravi M, Avila M, Pilo P, Langedijk JP, Ebert-Ader N, Alves LA, Plattet P and **Origi FC**. Identification of mutations with compensational effects in the attachment protein of canine distemper virus. *J. Virol*. 88:8057-8064 (*If 4.439*).
- 2014 **Origi FC**, Frey J, Pilo P. Characterisation of a new group of *Francisella tularensis* subsp. *holarctica* in Switzerland with altered antimicrobial susceptibilities. *Euro Surveill*. 19(29) (*If 5.7*).
- 2014 Nardini G, Di Girolamo N, Leopardi S, Paganelli I, Zaghini A, **Origi FC**, Vignoli M. Evaluation of liver parenchyma and perfusion using dynamic contrast-enhanced computed tomography and contrast-enhanced ultrasonography in captive green iguanas (*Iguana iguana*) under general anesthesia. *BMC Vet Res*. 13;10:112 (*If 1.78*).
- 2015 Pilo P, Vogt D, **Origi FC**, Endimiani A, Peterson S, Perreten V. First Report of a Multidrug-Resistant *Klebsiella pneumoniae* of Sequence Type 11 Causing Sepsis in a Free-Ranging Beaver (*Castor fiber*). *Environ Microbiol Rep*. 2015 Apr;7(2):351-3. doi: 10.1111/1758-2229.12257. Epub 2015 Feb 12. PMID: 25504757 (*If 3.293*).
- 2015 **Origi FC**, König B, Lindholm AK, Mayor D, Pilo P. Tularemia among Free-Ranging Mice without Infection of Exposed Humans. *EID* 21(1):133-5. doi: 10.3201/eid2101.140906 (*If 7.33*).
- 2015 Batista Linhares M, Belloy L, **Origi FC**, Lechner I, Segner H, Ryser-Degiorgis MP. Investigating the role of free-ranging wild boar (*Sus scrofa*) in the re-emergence of enzootic pneumonia in domestic pig herds: a pathological, prevalence and risk-factor study. *PLoS One*. 2015 Mar 6;10(3):e0119060. doi: 10.1371/journal.pone.0119060. eCollection 2015. PMID: 25747151 (*If 3.53*).
- 2015 Haas, C, **Origi, FC**, Akdesir, Linhares, MB, Giovannini, S, Mavrot, F, Casaubon, J, Ryser-Degiorgis, MP. First detection of sarcoptic mange in free-ranging wild boar

- (*Sus scrofa*) in Switzerland. Schweizer Archiv Fur Tierheilkunde, Volume: 157; Issue 5, Pages: 269-275 (*If 0.59*).
- 2015 **Origgi FC**, Tecilla M, Pilo P, Aloisio F, Otten P, Aguilar-Bultet L, Sattler U, Roccabianca P, Romero CH, Bloom DC, Jacobson ER. A genomic approach to unravel host-pathogen interaction in chelonians: The example of *Testudinid Herpesvirus 3*. PLoS One 10(8): e0134897. doi:10.1371/journal.pone.0134897 (*If 3.53*).
- 2015 Rüegg SR, Regenscheit N, **Origgi FC**, Kaiser C, Borel N. Detection of *Chlamydia pneumoniae* in a collection of captive snakes and response to treatment with marbofloxacin. Vet J. 2015 May 14. pii: S1090-0233(15)00213-0. doi: 10.1016/j.tvjl.2015.05.007. [Epub ahead of print] PMID: 26049258 (*If 1.027*).
- 2015 Dobay A, Pilo P, Lindholm AK, **Origgi F**, Bagheri HC, König B. Dynamics of a Tularemia Outbreak in a Closely Monitored Free-Roaming Population of Wild House Mice. PLoS One. 2015 Nov 4;10(11):e0141103. doi: 10.1371/journal.pone.0141103. eCollection 2015. PMID: 26536232. (*If 3.53*).
- 2015 Khosravi M, Bringolf F, Röthlisberger S, Bieringer M, Schneider-Schaulies J, Zurbriggen A, **Origgi F**, Plattet P. Canine Distemper Virus Fusion Activation: Critical Role of Residue E123 of CD150/SLAM. J Virol. 2015 Nov 25. pii: JVI.02405-15. (*If 4.439*).
- 2015 Wimmershoff J, Ryser-Degiorgis MP, Marreros N, Frey J, Romanens P, Gendron K, **Origgi FC**. Outbreak of severe foot rot associated with benign 1 Dichelobacter nodosus in an Alpine ibex colony in the 2 Swiss Prealps Schweizer Archiv Fur Tierheilkunde. Volume: 157, Issue: 5, Pages: 277-284 (*If 0.59*).
- 2016 Kaplan AJ, Stacy NI, Jacobson E, Le-Bert CR, Nollens HH, **Origgi FC**, Green LG, Booterabi S, Bolten A, Hernandez JA. Development and validation of a competitive enzyme-linked immunosorbent assay for the measurement of total plasma immunoglobulins in healthy loggerhead sea (*Caretta caretta*) and green turtles (*Chelonia mydas*). J Vet Diagn Invest. 28: 5-11; pii: 1040638715617804. (*If 1.353*).
- 2016 Gerhards NM, Sayar BS, **Origgi FC**, Galichet A, Müller EJ, Welle MM, Wiener DJ. Stem Cell-associated Marker Expression in Canine Hair Follicles. J Histochem Cytochem. pii: 0022155415627679. [Epub ahead of print] (*If 1.959*).
- 2016 Di Girolamo N, Selleri P, Di Gennaro A, Maldera M, Nardini G, Morandi B, Muzzeddu M, **Origgi F**, Savini G. Lack of detection of West Nile virus in an islander population of chelonians during a West Nile virus outbreak. Vet Ital. 2016 Jun 30;52(2):169-73. doi: 10.12834/VetIt.356.1600.2.
- 2016 **Origgi FC** and Pilo P. *Francisella tularensis* clades B.FTN002-00 and B.13 are associated with distinct pathology in the European brown hare (*Lepus europaeus*). Veterinary Pathology, 53(6):1220-1232 (*If 2.11*).
- 2016 Nardini G, **Origgi FC**, Leopardi S, Zaghini A, Saunders JH, Vignoli M. Preliminary Evaluation of Spirotome® Device For Liver Biopsy In Green Iguanas (Iguana Iguana): A Pilot Study. J Zoo Wildl Med. 2016 Jun;47(2):508-13. doi: 10.1638/2014-0217.1. (*If 0.524*)

- 2017 **Origgi FC**, Benedicenti O, Segner H, Sattler U, Wahli T, Frey J. *Aeromonas salmonicida* type III secretion system-effectors-mediated immune suppression in rainbow trout (*Oncorhynchus mykiss*). *Fish Shellfish Immunol.* 60:334-345. (If 3.298).
- 2017 Pewsner M, **Origgi FC**, Frey J, Ryser-Degiorgis MP. Assessing Fifty Years of General Health Surveillance of Roe Deer in Switzerland: A Retrospective Analysis of Necropsy Reports. *PLoS One.* 2017 Jan 19;12(1):e0170338. doi: 10.1371/journal.pone.0170338. (If 2.806).
- 2017 **Origgi FC**, Schmidt BR, Lohmann P, Otten P, Akdesir E, Gaschen V, Aguilar-Bultet L, Wahli T, Sattler U, Stoffel MH. Ranid Herpesvirus 3 and Proliferative Dermatitis in Free-Ranging Wild Common Frogs (*Rana Temporaria*). *Vet Pathol.* 2017 Jul;54(4):686-694. doi: 10.1177/0300985817705176. Epub 2017 May 11. (If 2.11).
- 2018 Aguilar-Bultet L, Nicholson P, Rychener L, Dreyer M, Gözel B, **Origgi FC**, Oevermann A, Frey J and Falquet L. Genetic Separation of *Listeria monocytogenes* Causing Central Nervous System Infections in Animals. *Front. Cell. Infect. Microbiol.* <https://doi.org/10.3389/fcimb.2018.00020>. (If 3.514).
- 2018 Haas C, **Origgi FC**, Rossi S, López-Olvera JR, Rossi L, Castillo-Contreras R, Malmsten A, Dalin AM, Orusa R, Robetto S, Pignata L, Lavín S, Ryser-Degiorgis MP. Serological survey in wild boar (*Sus scrofa*) in Switzerland and other European countries: *Sarcoptes scabiei* may be more widely distributed than previously thought. *BMC Vet Res.* 14(1):117. (If 2.120).
- 2018 Marreros N, Zürcher-Giovannini S, **Origgi FC**, Djelouadji Z, Wimmershoff J, Pewsner M, Akdesir E, Batista Linhares M, | Kodjo A, Ryser-Degiorgis MP. Fatal leptospirosis in free-ranging Eurasian beavers (*Castor fiber* L.), Switzerland. *Transbound Emerg Dis* DOI: 10.1111/tbed.12879. (If 3.554).
- 2018 Marenzoni ML, Santoni L, Felici A, Maresca C, Stefanetti V, Sforza M, Franciosini MP, Casagrande Proietti P, **Origgi FC**. Clinical, virological and epidemiological characterization of an outbreak of Testudinid Herpesvirus 3 in a chelonian captive breeding facility: Lessons learned and first evidence of TeHV3 vertical transmission. *PLoS One.* 13(5):e0197169. doi: 10.1371/journal.pone.0197169. (If 2.806).
- 2018 Akdesir E, **Origgi FC**, Wimmershoff J, Frey J, Frey CF, Ryser-Degiorgis MP Causes of mortality and morbidity in free-ranging mustelids in Switzerland: necropsy data from over 50 years of general health surveillance. *BMC Vet Res.* 14(1):195. (If 2.120).
- 2018 Caswell JL, Bassel LL, Rothenburger JL, Gröne A, Sargeant JM, Beck AP, Ekman S, Gibson-Corley KN, Kuiken T, LaDouceur EEB, Meyerholz DK, **Origgi FC**, Posthaus H, Priestnall SL, Ressel L, Sharkey L, Teixeira LBC, Uchida K, Ward JM, Webster JD, Yamate J. Observational Study Design in Veterinary Pathology, Part 1: Study Design. *Vet Pathol.* 55(5):607-621. (If 2.11).
- 2018 Caswell JL, Bassel LL, Rothenburger JL, Gröne A, Sargeant JM, Beck AP, Ekman S, Gibson-Corley KN, Kuiken T, LaDouceur EEB, Meyerholz DK, **Origgi FC**, Posthaus

- H, Priestnall SL, Ressel L, Sharkey L, Teixeira LBC, Uchida K, Ward JM, Webster JD, Yamate J. Observational Study Design in Veterinary Pathology, Part 2: Methodology. Vet Pathol. 2018 Sep 18:300985818798121. (*If 2.11*).
- 2018 **Origgi FC**, Schmidt BR, Lohmann P, Otten P, Meier RK, Pisano SRR, Moore-Jones G, Tecilla M, Sattler U, Wahli T, Gaschen V, Stoffel MH. Bufonid herpesvirus 1 (BfHV1) associated dermatitis and mortality in free ranging common toads (*Bufo bufo*) in Switzerland. Sci Rep. 2018 Oct 3;8(1):14737. (*If 4.525*).
- 2018 Tecilla M, Bielli M, **Origgi FC**. Polycystic Kidney-like Disease in a Red-ear Slider Turtle (*Trachemys scripta elegans*). J Comp Pathol. 164:44-47. (*If 1.299*).
- 2018 Gatherer, Derek and Benko, Maria and Brandt, Curtis and Bryant, Neil and Dastjerdi, Akbar and Depledge, Daniel and Doszpoly, Andor and Gompels, Ursula and Hartley, Carol and Inoue, Naoki and Jarosinski, Keith and Kaul, Rajeev and Lacoste, Vincent and Norberg, Peter and **Origgi, Francesco** and Orton, Richard and Pellett, Philip and Schmid, Scott and Stewart, James and Szpara, Moriah and Trimpert, Jakob and Vaz, Paola and Waltzek, Tom and Davison, Andrew (2018) 18 new species in the family Herpesviridae. Working Paper (<http://eprints.lanacs.ac.uk/id/eprint/126061>).
- 2019 Rampacci E, Masi M, **Origgi FC**, Stefanetti V, Bottinelli M, Selleri P, Coletti M, Passamonti F. First molecular detection of ball python nidovirus in Italy. Acta Vet Hung. 67:127-134. (*If 1.042*).
- 2019 Pisano SRR, Zimmermann F, Rossi L, Capt S, Akdesir E, Bürki R, Kunz F, **Origgi FC**, Ryser-Degiorgis MP. Spatiotemporal Spread of Sarcoptic Mange in the Red Fox (*Vulpes Vulpes*) in Switzerland Over More Than 60 Years: Lessons Learnt From Comparative Analysis of Multiple Surveillance Tools. Parasit Vectors 12 (1), 521 (*If 3.16*).
- 2020 Licheri M, **Origgi FC**. Consensus PCR protocols for the detection of amphibian herpesviruses (Batrachovirus). J Vet Diagn Invest 32:864-872 (*If 1.135*). **Winner of the Dr Frank Mutschmann Award for amphibian medicine, 2020.**
- 2020 Kittl S, Francey T, Brodard I, **Origgi FC**, Borel S, Ryser-Degiorgis MP, Schweighauser A, Jores J. First European report of Francisella tularensis subsp. holarctica isolation from a domestic cat. Vet Res 51:109 (*If 3.4*).
- 2020 Ryser-Degiorgis M-P, Robert N, Meier RK, Zürcher-Giovannini S, Pewsner M, Ryser A, Breitenmoser U, Kovacevic A, **Origgi FC**. Cardiomyopathy associated with coronary arteriosclerosis in free- ranging Eurasian lynx (*Lynx lynx carpathicus*). Front Vet Sci. Section Zoological Medicine. doi.org/10.3389/fvets.2020.594952 (*If 2.14*).
- 2020 Ossiboff RJ, **Origgi FC**, Stacy NI. Editorial: Health and Disease in Free-Ranging and Captive Wildlife. Front Vet Sci. 7:620685. doi: 10.3389/fvets.2020.620685. PMID: 33365338; PMCID: PMC7750182 (*If 2.14*).
- 2020 Kadzioch NP, Gast M, **Origgi F**, Plattet P. Clustered Lysine Residues of the Canine Distemper Virus Matrix Protein Regulate Membrane Association and Budding Activity. J Virol. 95(1):e01269-20. doi: 10.1128/JVI.01269-20. PMID: 33028721; PMCID: PMC7737743 (*If 4.439*).

- 2021 Galosi L, Attili AR, Perrucci S, **Origgi FC**, Tambella AM, Rossi G, Cuteri V, Napoleoni M, Mandolini NA, Perugini G, Loehr VJT. Health assessment of wild speckled dwarf tortoises, *CHERSOBIUS SIGNATUS*. BMC Vet Res. 17(1):102. doi: 10.1186/s12917-021-02800-5. PMID: 33663511; PMCID: PMC7934230 (**If 2.471**).
- 2021 Gast M, Kadzioch NP, Milius D, **Origgi F**, Plattet P. Oligomerization and Cell Egress Controlled by Two Microdomains of Canine Distemper Virus Matrix Protein. mSphere. 6(2):e01024-20. doi: 10.1128/mSphere.01024-20. PMID: 33853875 (**If 4.389**).
- 2021 Gatherer D, Depledge DP, Hartley CA, Szpara ML, Vaz PK, Benkő M, Brandt CR, Bryant NA, Dastjerdi A, Doszpoly A, Gompels UA, Inoue N, Jarosinski KW, Kaul R, Lacoste V, Norberg P, Origgi FC, Orton RJ, Pellett PE, Schmid DS, Spatz SJ, Stewart JP, Trimpert J, Waltzek TB, Davison AJ. ICTV Virus Taxonomy Profile: Herpesviridae 2021. J Gen Virol. 102(10):001673. doi: 10.1099/jgv.0.001673. PMID: 34704922; PMCID: PMC8604186.
- 2021 Origgi FC, Otten P, Lohmann P, Sattler U, Wahli T, Lavazza A, Gaschen V, Stoffel MH. Herpesvirus-Associated Proliferative Skin Disease in Frogs and Toads: Proposed Pathogenesis. Vet Pathol. 58(4):713-729. doi: 10.1177/03009858211006385. Epub 2021 Apr 5. PMID: 33813961 (**If 2.11**).
- 2021 Ryser-Degiorgis MP, Marti I, Pisano SRR, Pewsner M, Wehrle M, Breitenmoser-Würsten C, **Origgi FC**, Küber-Heiss A, Knauer F, Posautz A, Eberspächer-Schweda M, Huder JB, Böni J, Kubacki J, Bachofen C, Riond B, Hofmann-Lehmann R, Meli ML. Management of Suspected Cases of Feline Immunodeficiency Virus Infection in Eurasian Lynx (*Lynx lynx*) During an International Translocation Program. Front Vet Sci. 8:730874. doi: 10.3389/fvets.2021.730874 (**If 3.12**).
- 2022 Frey CF, Basso WU, Zürcher-Giovannini S, Marti I, Borel S, Guthruf S, Glig D, Lundström-Stadelmann B, Origgi FC, Ryser-Degiorgis MP. The golden jackal (*Canis aureus*): A new host for *Echinococcus multilocularis* and *Trichinella britovi* in Switzerland. Schweiz Arch Tierheilkd. 164(1):71-78. English. doi: 10.17236/sat00338. PMID: 34983741 (**If 0.59**).
- 2022 Schaer J, Cvetnic Z, Sukalic T, Dörig S, Grisiger M, Iscaro C, Feliziani F, Pfeifer F, **Origgi F**, Zanoni RG, Abril CE. Evaluation of Serological Methods and a New Real-Time Nested PCR for Small Ruminant Lentiviruses. Pathogens. 11(2):129. <https://doi.org/10.3390/pathogens11020129> (**If 4.066**).
- 2022 Schönbächler K, Olias P, Richard OK, **Origgi FC**, Dervas E, Hoby S, Basso W, Berenguer Veiga I. Fatal spirorchidiosis in European pond turtles (*Emys orbicularis*) in Switzerland. Int J Parasitol Parasites Wildl. 2022 Jan 11;17:144-151. doi: 10.1016/j.ijppaw.2022.01.004. PMID: 35079570; PMCID: PMC8777241 (**If 2.674**).
- 2022 Schönbächler K, Segner H, Amphimaque B, Friker B, Hofer A, Lange B, Stirn M, Pantchev N, **Origgi FC***, Hoby S*. Health Assessment of Captive and Free-Living European Pond Turtles (*Emys orbicularis*) in Switzerland. J Zoo Wildl Med. 2022 Mar;53(1):159-172. doi: 10.1638/2020-0117. PMID: 35339161. (*equally contributing) (**If 0.776**).

- 2022 **Origgi FC**, Pisano SRR, Glaizot O, Hertwig ST, Schmitz A, Ursenbacher S. *Ophioidimycetes ophioidicola*, Etiologic Agent of Snake Fungal Disease, in Europe since Late 1950s. *Emerg Infect Dis.* 2022 Oct;28(10):2064-2068. doi: 10.3201/eid2810.220564. PMID: 36148931; PMCID: PMC9514351 (*IF 16.6*).
- 2022 Marenzoni ML, Stefanetti V, Del Rossi E, Zicavo A, Scuota S, **Origgi FC**, Deli G, Corti C, Trabalza Marinucci M, Olivieri O. Detection of Testudinid alphaherpesvirus, *Chlamydia* spp., *Mycoplasma* spp., and *Salmonella* spp. in free-ranging and rescued Italian *Testudo hermanni hermanni*. *Vet Ital.* 2022 Nov 18;58(1):25-34. doi: 10.12834/VetIt.1915.13833.1 (*IF 1.434*).
- 2023 **Origgi FC**, Taugbol A. Evidence of Ranid herpesvirus 3 infection in Common frog (*Rana temporaria*) larvae (tadpoles). *Emerg Infect Dis.* (In press) (*IF 16.6*).
- 2023 Borel S., **Origgi FC**. Multisystemic Emphysema (Gas Bubble Disease)-Associated Acute Mass Mortality in a Free-Ranging Population of Common Frog (*Rana temporaria*) in Switzerland. *J Wildl Dis.* 59(3):442-452. doi: 10.7589/JWD-D-22-00147 (*IF 1.626*).
- 2024 Meister SL, **Origgi FC**, Wyss FS, Wenker C, Moré G, Basso W. *Angiostrongylus dujardini* infection in a coconut lorikeet (*Trichoglossus haematodus*) from a zoological garden in Switzerland. *Parasitol Int.* 2024 Apr;99:102829. doi: 10.1016/j.parint.2023.102829. Epub 2023 Nov 27. PMID: 38030119 (*IF 2.106*).
- 2024 Santoro A, Santolamazza F, Cacciò SM, La Rosa G, Antolová D, Auer H, Bagrade G, Bandelj P, Basso W, Beck R, Citterio CV, Davidson RK, Deksné G, Frey CF, Fuglei E, Glawischnig W, Gottstein B, Harna J, Huus Petersen H, Karamon J, Jansen F, Jarošová J, Jokelainen P, Lundström-Stadelmann B, Maksimov P, Miljević M, Miterpáková M, Moks E, **Origgi F**, Ozolina Z, Ryser MP, Romig T, Šarkūnas M, Scorrano N, Saarma U, Šnábel V, Sréter T, Umhang G, Vengušt G, Žele Vengušt D, Casulli A. Mitochondrial genetic diversity and phylogenetic relationships of *Echinococcus multilocularis* in Europe. *Int J Parasitol.* 2024 Jan 20:S0020-7519(24)00014-6. doi: 10.1016/j.ijpara.2024.01.003. Epub ahead of print. PMID: 38246405.
- 2024 Heiderich E, **Origgi FC**, Pisano SRR, Kittl S, Oevermann A, Ryser-Degiorgis MP, Marti IA. LISTERIA MONOCYTOGENES INFECTION IN FREE-RANGING RED FOXES (*VULPES VULPES*) AND EURASIAN LYNX (*LYNX LYNX*) IN SWITZERLAND. *J Zoo Wildl Med.* 2024 Mar;55(1):268-276. doi: 10.1638/2022-0144. PMID: 38453511.
- 2024 Heiderich E, Keller S, Pewsner M, **Origgi FC**, Zürcher-Giovannini S, Borel S, Marti I, Scherrer P, Pisano SRR, Friker B, Adrian-Kalchhauser I, Ryser-Degiorgis MP. Analysis of a European general wildlife health surveillance program: Chances, challenges and recommendations. *PLoS One.* 2024 May 21;19(5):e0301438. doi: 10.1371/journal.pone.0301438. PMID: 38771857; PMCID: PMC11108157.
- 2024 Francesco Mira, Giorgia Schirò, Elisabetta Giudice, Giuseppa Purpari, Francesco Origgi, Domenico Vicari, Simona Di Pietro, Francesco Antoci, Francesca Gucciardi, Francesco Geraci, Virginia Talarico, Annalisa Guercio. Viral pathogens in domestic cats in southern Italy: A retrospective analysis in Sicily, 2020–2022. *Comparative Immunology, Microbiology and Infectious Diseases*, Volume 111, 2024,102209, ISSN 0147-9571, <https://doi.org/10.1016/j.cimid.2024.102209>.

Case reports

- 1999 **Origgi F**, Roccabianca P, Gelmetti D. Dermatophilosis in *Chamaeleo pardalis* (*Furcifer pardalis*). Bull Assoc of Reptil Amphib Vet 9(3): 9-11 (*if NA*).
- 2008 Meeks C, Levy JK, Crawford PC, Farina LL, **Origgi F**, Alleman R, Seddon OM, Salcedo A, Hirsch BJ, Hirsch SG. Chronic disseminated *Mycobacterium xenopi* infection in a cat with idiopathic CD4+ T lymphocytopenia. J Vet Intern Med 22:1043-7(*If 1.879*).
- 2011 Cruz Cardona JA, Conley KJ, Wellehan JF, Farina LL, **Origgi FC**, Wamsley HL. Incomplete ovariopalingectomy and subsequent malignant granulosa cell tumor in a female green iguana (*Iguana iguana*). J Am Vet Med Assoc. 239: 237-42 (*If 1.67*).
- 2013 **Origgi FC**, Wu N, Pilo P. *Francisella tularensis* infection in a stone marten (*Martes foina*) without classic pathological lesions consistent with tularemia. J Vet Diagn Invest. 25:519-521 (*If 1.353*).
- 2013 Wiener DJ, Welle MM, **Origgi FC**. Cutaneous lesions associated with dual infection caused by canine distemper virus and Orthopoxvirus in a domestic cat. Veterinary dermatol. 24:543-e130 (*If 1.732*).
- 2020 Zürcher-Giovannini S, Ruder TD, Pool R, Erdelyi K, **Origgi FC**. Mandibular Ossifying Fibroma and Multiple Oral Papillomas in a Roe Deer (*Capreolus capreolus*). Front Vet Sci. <https://doi.org/10.3389/fvets.2020.00166> (*If 2.14*).
- 2021 Pisano SRR, Kittl S, Eulenberger U, Jores J, **Origgi FC**. Natural Infection of a European Red Squirrel (*Sciurus vulgaris*) with *Francisella tularensis* subsp. *Holarctica*. J Wildl Dis. 57:970-973 (*If 1.49*).
- 2023 François C, Paillusseau C, Bagatella S, **Origgi F**, Schilliger L. Case report: Intracoelomic neoplastic mass of undetermined origin in an Asia minor spur-thighed tortoise (*Testudo graeca iberica*). Front Vet Sci. 10:1265034. doi: 10.3389/fvets.2023.1265034 (*If 3.471*).

Review articles

- 2013 **Origgi FC**. Testudinid Herpesvirus (TeHVs): A review. Journal of Herpetological medicine and Surgery. Journal of Herpetological Medicine and Surgery. 06/2012; 22:42-54 (*If NA*).
- 2016 Frey J and **Origgi FC**. Type III Secretion System of *Aeromonas salmonicida* Undermining the Host's Immune Response. Frontiers in Marine Science 3(4). (*If 3.086*).

Book Chapters (24)

- 2000 **Origgi F**, Jacobson ER. Diseases of the Respiratory Tract of the Chelonians. Veterinary Clinics of North America: Exotic Animal Practice, 3 (2): 537-549.

- 2002 Jacobson ER and **Origgi F.** Use of Serology in Reptile Medicine. Seminars in Avian and Exotic Pet Medicine, 11(1): 33-45.
- 2002 McArthur S, Blahak S, Koelle P, Jacobson ER, Marschang RE, **Origgi F.** Chelonian Herpesvirus. J Herp Med Surg 12[2]: 14-31. Roundtable.
- 2006 **Origgi FC.** Tortoise Herpesvirus, Chapter 57, In: Reptile Medicine and Surgery, II edition, Mader D. editor, pp 814-821. Saunders, St. Louis, MO.
- 2007 Johnson A, **Origgi FC,** Wellehan J. Molecular diagnostic of infectious diseases, Chapter 7, In: *Infectious Diseases and Pathology of Reptiles: Color Atlas and Text*, Jacobson ER editor, p. 351. CRC press, Boca Raton, FL.
- 2007 **Origgi FC.** Reptile Immunology, Chapter 2, In: *Infectious Diseases and Pathology of Reptiles: Color Atlas and Text*, ER Jacobson editor, p. 131. CRC press, Boca Raton, FL.
- 2007 Jacobson ER and **Origgi FC.** Reptile Serodiagnostic, Chapter 8, In: *Infectious Diseases and Pathology of Reptiles: Color Atlas and Text*, Jacobson ER editor, p. 381. CRC press, Boca Raton, FL.
- 2007 **Origgi FC,** Pare' J. Pathogen isolation, Chapter 13, In: *Infectious Diseases and Pathology of Reptiles: Color Atlas and Text*, Jacobson ER editor, p. 667. CRC press, Boca Raton, FL.
- 2013 **Origgi FC.** *Testudinind Herpesvirus*, Fact sheet. American association of Zoo veterinarians-Infectious diseases manual 2013 (<http://www.aazv.org/?page=754>).
- 2013 **Origgi FC** and Pilo P. *Francisella tularensis*, fact sheet. American association of Zoo veterinarians-Infectious diseases manual 2013 (<http://www.aazv.org/?page=754>).
- 2017 Origgi FC. Malattie infettive dei rettili (Infectious diseases of reptiles), Chapter 23, in *Medicina e chirurgia degli animali esotici (Exotic animals medicine and surgery)*, Selleri P, De Girolamo N and Collarile T editors, P. 250. Poletto editore, Milano, Italy.
- 2018 **Origgi FC.** Pathology of Lacertilia, Chapter 36, In: *Pathology of Zoo and Wild Animals*, edited by St Leger J, Terio K, Mc Aloose D. P. 865. Academic Press, Elsevier. London, UK.
- 2018 **Origgi FC.** Ch. 169. Testudinid herpesviruses, In: *Mader's Reptile and Amphibian Medicine and Surgery*, 4th edition, Elsevier Publishing St Louis Mo, USA, p. 1349.
- 2018 **Origgi FC.** Ch. 158. Paramyxoviruses (Ferlavirus), In: *Mader's Reptile and Amphibian Medicine and Surgery*, 4th edition, Elsevier Publishing, St Louis Mo, USA, p. 1329.
- 2018 **Origgi FC.** Ch. 154. Inclusion body disease (Reptarenavirus), In: *Mader's Reptile and Amphibian Medicine and Surgery*, 4th edition, Elsevier Publishing, St Louis Mo, USA, p. 1318.

- 2019 **Origgi FC.** *Testudinind Herpesvirus*, Fact sheet. American association of Zoo veterinarians-Infectious diseases manual 2018

- 2020 Johnson A, **Origgi FC**, Wellehan J. Molecular diagnostic of infectious diseases, Chapter 8, In: *Infectious Diseases and Pathology of Reptiles: Color Atlas and Text*, Jacobson ER editor, 2nd edition. CRC press, Boca Raton, Fl, Vol.1.

- 2020 **Origgi FC** and Tecilla M. Reptile Immunology, Chapter 2, In: *Infectious Diseases and Pathology of Reptiles: Color Atlas and Text*, ER Jacobson editor, 2nd edition. CRC press, Boca Raton, Fl, Vol.1.

- 2020 Jacobson ER and **Origgi FC**. Reptile Serodiagnostic, Chapter 9, In: *Infectious Diseases and Pathology of Reptiles: Color Atlas and Text*, Jacobson ER editor, 2nd edition. CRC press, Boca Raton, Fl, Vol.1.

- 2020 Jacobson ER, **Origgi FC**, Steinglein M, Wellehan J, Marschang R. Reptile viruses. Chapter 9, In: *Infectious Diseases and Pathology of Reptiles: Color Atlas and Text*, Jacobson ER editor, 2nd edition. CRC press, Boca Raton, Fl, Vol.1.

- 2020 **Origgi FC**, Ossiboff R, Pare' J. Pathogen isolation, Chapter 14, In: *Infectious Diseases and Pathology of Reptiles: Color Atlas and Text*, Jacobson ER editor, 2nd edition. CRC press, Boca Raton, Fl, Vol.1.

- 2021 **Origgi FC**. Amphibian Ranavirus, In: Blackwell's Five-Minute Veterinary Consult: Reptile & Amphibian, J. Navarez editor, 1st edition. Wiley and Blackwell, Hoboken, NJ, USA.

- 2021 Marschang RE, **Origgi FC**. Reptilian Ranavirus, In: Blackwell's Five-Minute Veterinary Consult: Reptile & Amphibian, J. Navarez editor, 1st edition. Wiley and Blackwell, Hoboken, NJ, USA.

- 2021 **Origgi FC**. Paramyxovirus, In: Blackwell's Five-Minute Veterinary Consult: Reptile & Amphibian, J. Navarez editor, 1st edition. Wiley and Blackwell, Hoboken, NJ, USA.

Doctoral Dissertation

- 2001 **Origgi FC.** Development of Serological and Molecular Diagnostic Tests for Herpesvirus Exposure Detection in Tortoises. University Of Florida, College of Veterinary Medicine.

Conference Abstracts and Posters

- 1995 Scanziani E, Giusti AM, **Origgi F**, Crippa L. Occurrence of Some Bacterial Infections (Leptospirosis, Gastric Spirillosis, Cilia-Associated Respiratory (CAR) Bacillus Infection) in Urban Rats. 13th European Congress of Veterinary Pathology, Edinburgh, UK, 27th-30th September.

- 1995 Luini M, **Origgi F**, Giusti AM, Scanziani E, Sonzogni O, Tagliabue S. "Indagine Sulla Diffusione della Leptosirosi in Ratti di Milano" (Occurrence of Leptospirosis in

- Wild Rats in Milan). Simposio Italiano Veterinario (S.I.S).-Vet., Salsomaggiore Terme, Parma, Italy. September 27-30.
- 1999 Jacobson ER, **Origgi F.** Herpesvirus in Chelonians. Desert Tortoise Council, 24th Annual Symposium. St. George, Utah, USA, March 5-7.
- 2003 Marschang RE, **Origgi FC.** Diagnosis of Herpes Virus Infections in Tortoises – A Review. 41st International Symposium on Diseases of Zoo and Wild Animals, Rome, Italy, May 28- June 1.
- 2010 **Origgi FC**, Robert N, Plattet P, Sattler U, Wu N, Mavrot F, Giovannini S, Casaubon J, Pewsner M, Ryser-Degiorgis M-P. Isolation, characterization and associated-pathology of a canine morbillivirus with enhanced neuronal tropism. 9th International Conference of the European Wildlife Disease Association (EWDA), Vlieland, Holland, September 13-16. (Poster).
- 2010 Pewsner M, Hoelzle L, Malin P, Schiller I, Seiler MW, **Origgi F**, Ryser-Degiorgis MP. Risk-based surveillance of tuberculosis in red deer, wild boar and domestic cows in Switzerland and Principality of Liechtenstein. 9th International Conference of the EWDA, Vlieland, The Netherlands, 13-16.9.2010. Poster.
- 2011 Giovannini S, Ruder TD, Pool R, Aloisio F, Ryser MP, **Origgi FC.** Ossifying Fibroma in a Roe Deer (*Capreolus capreolus*). ECVP, Uppsala, Schweden, September 7th-10th. (Poster).
- 2012 Casaubon J, Pewsner M, Ruder TD, Ryser-Degiorgis M-P, **Origgi FC.** (2012). A minimally invasive approach to diagnosing a poorly differentiated sino-nasal carcinoma in a roe deer (*Capreolus capreolus*): Complementing pathology and computer tomography. Joint Conference of EWDA and WDA, Lyon, France, July 22nd-27th. (Poster).
- 2014 Pewsner M, **Origgi F**, Akdesir E, Meier RK, Gehr B, Ryser-Degiorgis MP. Radio-collar-induced tracheal stenosis in roe deer fawns - consequences of material failure. 11th Biennial Conference of the EWDA. Edinburgh, UK, August 25th- 29th. **Best Student Poster.**
- 2015 **Origgi FC** and Plattet P. Dissecting canine distemper virus pathology and pathogenesis at the light of naturally occurring hemagglutinin functional changes. 16th Negative Strand Virus Conference, Siena, Italy, June 15-19 (Poster).

Lectures and Presentations

- 1999 **Origgi F**, Jacobson ER. Development of an ELISA and an Immunoperoxidase Based test for Herpesvirus Exposure Detection in Tortoises. 6th Annual Conference of the Association of Reptilian and Amphibian Veterinarians, October 5-9, Columbus Ohio (U.S.A).
- 2000 Jacobson ER, and **Origgi F.** What's new in Reptile Virology. 40th Congresso Nazionale Scivac, Montecatini, Italy, 30 March - 2 April.

- 2000 **Origgi F**, Jacobson ER, Herbst LH, Klein PA, Curry SS. Development of Serological Assays for Herpesvirus Infections in Chelonians. 20th Annual Symposium on Sea Turtle Biology and Conservation, Orlando, Florida 29 February- 4 March.
- 2000 **Origgi F**, and Jacobson ER. Serodiagnostic Investigation of Herpesvirus Infection in Chelonians. Desert Tortoise Council, 25th Annual Symposium, Las Vegas, Nevada 21-23 April.
- 2000 **Origgi F**, Jacobson ER, Romero CH, Klein PA. Serological and Molecular Diagnostic Techniques for Chelonian Herpesviruses. 5th International Congress of the European Society for Veterinary Virology, Brescia, Italy, August 27-30.
- 2000 **Origgi F**, Jacobson ER, Romero CH, Klein PA. Diagnostic Tools for Herpesvirus detection in Chelonians. 7th Annual Conference of the Association of Reptilian and Amphibian Veterinarians, Reno, Nevada, October 17-21.
- 2001 **Origgi F**, Klein PA, Romero CH, Jacobson ER. Transmission Study with a Tortoise herpesvirus (ThV), in Greek tortoises. Desert Tortoise Council, 26th Annual Symposium, Tucson, Arizona. March 16-18.
- 2001 **Origgi F**, Klein PA, Romero CH, Jacobson ER. Pathology, Tropism and Latency of a Tortoise Herpesvirus: The transmission Study experience. 6th International Symposium on the Pathology of Reptiles and Amphibians, St Paul, Minnesota, April 18-20.
- 2001 **Origgi F**, Jacobson ER, Romero CH, and Klein PA. Tortoise Herpesvirus and Stomatitis-Rhinitis in Tortoises. 8th Annual Conference of the Association of Reptilian and Amphibian Veterinarians, Orlando, Florida, September 19-23.
- 2002 **Origgi FC**, Romero CH, Klein PA, Berry KH, and Jacobson ER. Serological and molecular evidences of Herpesvirus exposure in desert tortoises from the Mojave and Colorado Desert of California. Desert Tortoise Council, 27th Annual Symposium, Palm Springs, California, March 22-24.
- 2002 **Origgi F**. Anatomia Patologica Applicata ai Rettili: Dall'Osservazione Empirica alla Patogenesi Molecolare (Reptile Pathology: From empirical observation to molecular pathogenesis). 8th Congresso Nazionale dei Patologi Italiani Veterinari (8th National meeting of the Association of the Italian Veterinary Pathologists), Fossano, Italy, May 24-25.
- 2003 **Origgi FC**, Johnson A, Jacobson ER. Validation of the ELISA test for Herpesvirus Exposure Detection in Desert Tortoises: Options and Limitations. Desert Tortoise Council, 28th Annual Symposium, Las Vegas, Nevada 21-23 February.
- 2003 **Origgi FC**. Pathogenesis of tortoise herpesviruses. Hungarian Academy of Science, Veterinary Research Institute. Budapest, Hungary, March 19 (Invited speaker).
- 2003 **Origgi FC** and Rigoni D. A Tortoise herpesvirus outbreak in Italy: History, Diagnosis, Therapy and Follow up. ARAV 10th annual Conference, Minneapolis, Minnesota, October 4-09.

- 2004 **Origgi FC.** Identification and Characterization of the Antigen Presenting Cells' (APC) Receptor CD74 of Mediterranean and Desert Tortoises: Implications in Diagnostic and Health Assessment. Desert Tortoise Council, 29th Annual Symposium, Las Vegas, Nevada 20-22 February.

- 2004 **Origgi FC.** Identification and characterization of the antigen presenting cell receptor CD74 of Mediterranean (*Testudo graeca*, *T. hermanni* and *T. marginata*) and desert (*Gopherus agassizii*) tortoises: Implication in diagnostic and health assessment. ARAV 11th annual Conference, Naples, Minnesota, Florida, May 6-9.

- 2004 **Origgi FC.** "Pathology of infectious diseases of reptiles". European Summer School of Pathology, Padua, Italy 18-29.

- 2005 **Origgi FC.** "Ten years of tortoise herpesvirus research: *All that we do (not) know*. ARAV 12th annual Conference, Tucson, Arizona, April 10-14.

- 2007 **Origgi FC.** CD74 and Tortoise herpesvirus: An update. ARAV 14th annual conference, New Orleans, Louisiana, April 15-18.

- 2007 **Origgi FC.** Reptile pathology and diagnostic. Workshop on Exotic animal medicine. October 6-7, Torino, Italy (Invited speaker).

- 2008 Roberts J, Brown M, Stevens J, **Origgi F.** Causes of Illness and Death in Nine Desert Tortoises from California: (2005-2007). Desert Tortoise Council, 33rd Annual Symposium, Las Vegas, Nevada 22-25 February.

- 2009 **Origgi F.** Herpesvirosi delle testuggini: 1998-2008. Tutto quello che abbiamo imparato in dieci anni di ricerca (Tortoise herpesvirus: 1998-2008. All that we have learned in 10 years of research). 62^{mo} Congresso Nazionale SCIVAC, Montecatini, Italy, May 29-31. (keynote speaker)

- 2009 **Origgi F.** Diagnostica delle principali malattie infettive dei rettili: Patologia, microbiologia classica e molecolare, e sierologia (Diagnosis of the principal infectious diseases in reptiles: Pathology, traditional and molecular microbiology, and serology). 62^{mo} Congresso Nazionale SCIVAC, Montecatini, Italy, May 29-31. (keynote speaker)

- 2009 **Origgi F.** Scienza medica veterinaria e conservazione. L'esempio delle Testuggini del deserto (*Gopherus agassizii*) [Veterinary medical science and conservation. The example of the Desert tortoise (*Gopherus agassizii*)]. 62^{mo} Congresso Nazionale SCIVAC, Montecatini, Italy, May 29-31. (keynote speaker)

- 2010 **Origgi F.** Eco-etologia dei rettili e degli anfibi e condizioni che configurano il presunto maltrattamento (Eco-ethology of reptiles and amphibians and detection of conditions consistent with animal mistreatment). Il benessere animale e la medicina veterinaria pubblica e private (Animal welfare and the veterinarians' point of view). Cremona, April 7-9.

- 2010 Casaubon J, **Origgi F**. Poorly differentiated sino-nasal carcinoma in a roe deer (*Capreolus capreolus*). Versammlung der Schweizerischen Vereinigung für Tierpathologie (SVTP), Basel, June 24th.
- 2010 Giovannini S, Casaubon J, **Origgi F**. Multisystemic Amyloidosis in a Stone Marten (*Martes foina*). Versammlung der Schweizerischen Vereinigung für Tierpathologie (SVTP), Basel, June 24th.
- 2010 Mavrot F, **Origgi F**. Hypertrophische pulmonale Osteopathie in einem Reh. Versammlung der Schweizerischen Vereinigung für Tierpathologie (SVTP), , Basel, June 24th.
- 2010 Giovannini S, Pewsner M, Hüsey D, Hächler H, Ryser-Degiorgis MP, von Hirschheydt J, Stachelin B, Denzler T, Wu N, Casaubon J, **Origgi F**. Epidemic of salmonellosis in passerine birds in Switzerland and suspected spillover in domestic cats. 9th International Conference of the EWDA, Vlieland, The Netherlands, September 13th-16th.
- 2010 Marreros N, Friess M, **Origgi F**, Robert N, Engels M, Hüsey D, Vilei EM, Frey C, Ryser-Degiorgis MP. (2010). Caprine lymphotropic herpesvirus infection associated with broncho-interstitial pneumonia in Alpine ibex. 9th International Conference of the EWDA, Vlieland, The Netherlands, September 13th-16th.
- 2010 **Origgi FC**. Take a walk on the wild side. Departmental seminar at the University of Florida, Department of infectious diseases and pathology. Gainesville, FL, USA. October 11th (Invited speaker).
- 2010 **Origgi FC**. Necrotizing encephalitis in a passerine bird (*Carduelis spinus*). Versammlung der Schweizerischen Vereinigung für Tierpathologie (SVTP), Basel, June 24th.
- 2011 **Origgi FC**, Plattet P, Sattler U, Robert N, Casaubon J, Pewsner M, Wu N, Mavrot F, Giovannini S, Segner H and Ryser M-P. Emergence of a canine distemper virus strain with modified molecular signature and enhanced neuronal tropism associated to high mortality in wild carnivores. Cutting Edge Pathology | ESVP ECVF ESTP Meeting, Uppsala, Sweden, September 7-10.
- 2011 **Origgi FC**. Pathogens, pathology and epidemics prevention in Chelonians: A challenge for the new millennium. 4th Mediterranean Conference on Marine Turtles – Naples, Italy, November 7-10. (Keynote speaker).
- 2012 **Origgi FC**. Reptile functional anatomy: A natural guideline for necropsy. Necropsy techniques in veterinary Medicine workshop. Istituto Zooprofilattico Sperimentale delle Venezie. February 7th, Padova, Italy (invited speaker).
- 2012 **Origgi FC**. Pathology of infectious diseases in reptiles. Necropsy techniques in veterinary Medicine workshop. Istituto Zooprofilattico Sperimentale delle Venezie. February 7th, Padova, Italy (invited speaker).
- 2012 **Origgi FC**. Reptile anatomy, pathology and infectious diseases. University of Milan (Department seminar). March 13th. Milan, Italy (invited speaker).

- 2012 **Origgi FC.** Fourteen years of research on Tortoise herpesvirus: The most significant pathogen of tortoises. Desert Tortoise Council 37th Annual Symposium. February 17-19. Las Vegas, Nevada, USA.

- 2012 **Origgi FC.** Student workshop: Red-eared slider turtle and Domestic Pigeon Necropsy – “They did not teach me that at the Veterinary school”
Student workshop at the 61st International Conference of the WDA and the 10th Biennial Conference of the EWDA held in Lyon, France, July 22nd- 27th, 2012.

- 2012 **Origgi FC,** Batista Linhares M, Pilo P, Ryser-Degiorgis MP. “First Detection Of A Beta Herpesvirus In A Ruminant: Capreolus Herpesvirus 1 (CaprHV1)”. 61st International Conference of the WDA and the 10th Biennial Conference of the EWDA held in Lyon, France, July 22nd- 27th, 2012.

- 2012 Giovannini S, Ryser-Degiorgis MP, Tagliabue S, Pewsner M, **Origgi FC.** Leptospirosis in European beavers (*Castor fiber*) from Switzerland. 61st International Conference of the WDA and the 10th Biennial Conference of the EWDA held in Lyon, France, July 22nd- 27th.

- 2012 Ryser-Degiorgis M-P, **Origgi FC.** Wildlife health surveillance in Switzerland: current strategies and emerging diseases. 61st International Conference of the WDA and the 10th Biennial Conference of the EWDA held in Lyon, France, July 22nd- 27th.

- 2012 Schöning JM, Cerny N, Prohaska S, Wittenbrink MM, Smith NH, Bloemberg G, Pewsner M, Schiller I, **Origgi FC,** Ryser-Degiorgis M-P. Investigations on the occurrence of bovine tuberculosis in wildlife and on the risk of a reservoir emergence in wild ungulates in Switzerland and the Principality Liechtenstein. 61st International Conference of the WDA and the 10th Biennial Conference of the EWDA held in Lyon, France, July 22nd- 27th.

- 2012 Giovannini S, **Origgi FC.** Echinococcosis in a European Beaver (*Castor fiber*). Swiss Association of Veterinary Pathology (SVTP), Bern. July 6th-7th.

- 2013 **Origgi FC.** Malattie infettive e patologia dei rettili (Infectious diseases and pathologies of reptiles). Lectures and “hands on” workshop. Istituto Zooprofilattico della Lombardia e dell’Emilia. Sezione di Milano. Milan, Italy. May 20th (Invited speaker).

- 2013 **Origgi FC.** Reptile functional anatomy and pathology. University of Glasgow, School of Veterinary Medicine. May 29th (Invited speaker).

- 2013 **Origgi FC.** Reptile Infectious diseases and pathology. University of Glasgow, School of Veterinary Medicine. May 29th (Invited speaker).

- 2013 **Origgi FC.** Take a walk on the wildside: Examples of common diseases in European Wildlife. University of Glasgow, School of Veterinary Medicine. May 29th (Invited speaker).

- 2013 **Origgi FC.** Understanding canine distemper virus evolution, survival and pathogenicity at the light of genomics and proteomics. SVTP (Schweizer

Vereinigung für Tierpathologie), Basel, Switzerland, subject: „Genomics-Proteomics - Pathologie in der Industrie heute und morgen“, July 5th.

- 2013 **Origgi FC.** From the disease to proteomics: Dissecting canine distemper virus pathogenesis. Filarete Foundation, Milan, Italy, December 9th (Invited speaker)
- 2013 **Origgi FC.** The American and European Specialty Colleges: An Overview. School of Veterinary Medicine, University of Milan, Italy, December 9th (Invited speaker).
- 2014 **Origgi FC,** Batista Linhares M, Pilo P., Ryser-Degiorgis MP. Detection of a novel Betaherpesvirus in a Ruminant: Capreolus herpesvirus 1 (CaprHV1). SVTP meeting, July 3rd 2014, Zürich, CH.
- 2014 Sattler U, Kohsravi M, Avila M, Pilo P, Langedijk JP, Ebert-Ader N, Alves LA, Plattet P and **Origgi FC.** Natural occurrence of compensational amino acid substitutions in the attachment protein of canine distemper virus in wild carnivores. 11th Biennial Conference of the EWDA. Edinburgh, UK, August 25th- 29th.
- 2014 **Origgi FC.** The genome of Testudinid herpesvirus 3: an insight into one of the most relevant viral pathogens of tortoises. 9th International Symposium on the viruses of lower vertebrates. Malaga, Spain, October 1st-3rd.
- 2014 **Origgi FC.** First detection of two distinct lineages of Testudinid herpesvirus 3 (TeHV3) in Mediterranean tortoises. Joint AAZV, ARAV and AEMV, Orlando, Florida, October 19th-23rd.
- 2015 **Origgi FC.** Canine distemper virus, a well-known virus with an unknown infectious potential: A growing threat for non-conventional animals. 1st SIVAE International congress, Rimini, Italy, May 30-31st. (Invited speaker).
- 2015 **Origgi FC.** Chelonian herpesviruses, past, present and future: From Clinics to Genomics and back. SCIVAC annual conference. Rimini, Italy, May 30-31st. (Keynote speaker).
- 2016 **Origgi FC.** Diagnostics of most relevant infectious diseases of Reptiles: from the clinical signs to genomics and back. Schweizerische Tierärztagung 2016. Lausanne, May 11-13th.
- 2016 **Origgi FC.** Diagnostica delle malattie virali nei rettili: dal campionamento all'interpretazione del risultato e (tutto) quello che ci riserva il futuro. SCIVAC annual conference. Rimini, Italy, May 27-29th. (Invited speaker).
- 2016 **Origgi FC.** Canine distemper virus: Old virus or new threat? Host-Pathogen Symposium, University of Bern, Bern, May 31st.
- 2016 **Origgi FC.** Molecular signatures in virus-associated pathology. Friday at noon seminar series. Institute of Virology, University of Zurich, Zurich, School of veterinary medicine, June 3rd.(invited speaker).
- 2016 **Origgi FC,** Schmidt BR, Lohmann P, Akdesir E, Bultet-Aguilar L, Otten P, Stoffel MH. Discovery and partial characterisation of Ranid herpesvirus 3 (RHV3), a novel virus associated with disease in free-ranging wild common frogs (*Rana*

- temporaria*). 12th Conference of the European Wildlife Disease Association (EWDA), Berlin, August 27-31st.
- 2016 **Origgi FC.** Facing the pathogen “Cold blooded”. Habilitation inaugural lecture, University of Bern, Bern, September 29th.
- 2016 **Origgi FC.** Patologie comuni degli animali selvatici in Europa. College of Veterinary Medicine, University of Milano, Italy, November 7th. Invited speaker).
- 2016 **Origgi FC, Benedicenti O, Segner H, Sattler U, Wahli T, and Frey J.** Type III secretion system-dependent immune suppression in *Aeromonas salmonicida*-associated infection in fish. Vetpath conference, Prato, Italy, October 11-14th.
- 2016 **Origgi FC.** Canine distemper virus: Old virus or new threat? The Zurich Hunter association seminar series, Zurich, October 19th.
- 2016 **Origgi FC.** The decline of the Agassiz's tortoise (*G. agassizii*). FIWild seminar series, November 15th.
- 2016 **Origgi FC.** Reptile diseases. FIWild seminar series, October 28th.
- 2016 **Origgi FC.** Diagnostica ricerca negli animali selvatici: individuo, popolazione, patogeno e patogenesi. L'esempio del cimurro. College of Veterinary Medicine, University of Milano, Italy, November 7th (Invited speaker).
- 2017 **Origgi FC.** Pathology of Amphibians. Europola course, Bern, Switzerland, February 13-17.
- 2017 **Origgi FC.** Quadri istologici pre e post chirurgici in medicina dei rettili e dei mammiferi (Surgical pathology: Una parte per il tutto o quasi) (pre and post-surgical histological findings in reptile and small mammal surgery (Surgical pathology: A part for the whole or almost)). SCIVAC annual conference. Rimini, Italy, May 26-28th. (Invited speaker).
- 2017 **Origgi FC, Schmidt BR, Lohmann P, Otten P, Akdesir E, Gaschen V, Bultet-Aguilar L, Wahli T, Sattler U, Stoffel MH.** Ranid herpesvirus 3 (RHV3), a novel virus associated with a proliferative skin disease in free-ranging wild common frogs (*Rana temporaria*). 10th International symposium on viruses of lower vertebrates and 4th International symposium on Ranavirus combined conferences. Budapest, Hungary, June 4th-10th.
- 2017 **Origgi FC, Schmidt BR, Lohmann P, Otten P, Akdesir E, Gaschen V, Bultet-Aguilar L, Wahli T, Sattler U, Stoffel MH.** Ranid Herpesvirus 3, a Novel Amphibian Herpesvirus Associated With a Proliferative Skin Disease in Free-ranging, Wild Common Frogs (*Rana temporaria*). ESVV Veterinary Herpesvirus Satellite Symposium (ESVV 2017) at the International Herpesvirus Workshop. Ghent, Belgium, July 29th-August 2nd.
- 2017 **Origgi FC, Schmidt BR, Lohmann P, Otten P, Akdesir E, Gaschen V, Bultet-Aguilar L, Wahli T, Sattler U, Stoffel MH.** Ranid herpesvirus 3 (RHV3), a novel amphibian herpesvirus associated with proliferative dermatitis in free ranging common frogs (*Rana temporaria*). Joint Annual Meeting SSM, SSI, SSHH, SSTMP, SSTTM. Basel, Switzerland, August 30th - September 1st.

- 2017 **Origgi FC.** Reptile anatomy and physiology. Amphibian anatomy and Physiology. Reptile pathology. Amphibian Pathology. Reptile infectious diseases. Diagnostic of infectious diseases in reptiles. Lecture set at the Master "Reproduction, management, pathology and therapy of not conventional animals" at the University of Parma, Parma, Italy. September 12-13th. (invited speaker).
- 2017 **Origgi FC.** Viral diseases, pathologies and challenges. "Sanita' veterinaria a salvaguardia delle tartarughe marine" (Aspects of veterinary health applied to sea turtle conservation). Istituto Zooprofilattico della Campania, Portici, October 19th (invited speaker).
- 2017 **Origgi FC.** Facing the pathogen cold blooded. College of Veterinary Medicine, University of Milano, Italy, October 23rd. (Invited speaker)
- 2017 **Origgi FC.** Ranid herpesvirus 3: Facing the pathogen "cold blooded". Departmental seminar, Department of molecular genetics and microbiology, University of Florida, Gainesville, FL, USA. November 3rd (Invited speaker).
- 2018 **Origgi FC.** "La diagnostica per "immagini" delle più comuni patologie degli anfibi ("Imaging" of the most common amphibian pathologies). SCIVAC annual conference. Rimini, Italy, May 25-27th. (Invited speaker)
- 2018 **Origgi FC.** "Of frogs and toad herpesvirus: It is a matter of skin!". Host-Pathogen Symposium, University of Bern, Bern, May 31st.
- 2018 **Origgi FC.** "Bufonid Herpesvirus 1 – Associated proliferative dermatitis in free-ranging common toads (*Bufo bufo*)". 13th European Wildlife Disease Association Conference, Larissa, Greece, August, 27-31st.
- 2018 **Origgi FC.** Reptile anatomy and physiology. Amphibian anatomy and Physiology. Reptile pathology. Amphibian Pathology. Reptile infectious diseases. Diagnostic of infectious diseases in reptiles. Lecture set at the Master "Reproduction, management, pathology and therapy of not conventional animals" at the University of Parma, Parma, Italy. September 10-11th. (invited speaker).
- 2018 **Origgi FC.** "Molecular signatures and pathology phenotypes in wildlife: The pathogen at the center-stage of the disease process". Zoo and Wildlife pathology workshop, 2018 Joint EAZWV/AAZV/Leibniz-IZW Conference. Prague, Czech Republic, October 6th-12th. (Keynote speaker).
- 2019 **Origgi FC.** "The significance of herpesviruses in chelonians". Chelonian national conference, Albenga, Italy, April 11-13.
- 2019 **Origgi FC.** "Ranid herpesvirus 3 and Bufonid herpesvirus 1, two new viral agents associated with proliferative skin disease in common frogs and toads. 20th European congress of herpetology, Milano, Italy, September 2-6th.
- 2019 **Origgi FC.** "Of Frog and Toad Herpesvirus: A Matter of Skin?". Joint Congress of Veterinary Pathology and Veterinary Clinical Pathology, Arnhem, The Netherlands, September 25-28th.

- 2019 **Origgi FC.** "Of Frog and Toad Herpesvirus: A Matter of Skin?". DIP retreat, Vetsuisse Faculty, Schloss Münchenwiler, October 17-18.
- 2019 Origgi F. Sanitary risk concerning the reintroduction of Mediterranean tortoises in the wild. University of Perugia, November 29th.
- 2019 **Origgi F.** "Wildlife disease ecology", College of Veterinary Medicine, University of Milan, Lodi, December 4th.
- 2020 Origgi F. "Frog and Toad Herpesviruses: Think twice next time you want to kiss a frog". "Science @ lunch", Vetsuisse Faculty, Bern, January 28th.
- 2020 **Origgi FC,** Braun J, Rideout BA. The genome of Testudinid herpesvirus 2: Preliminary data. Desert Tortoise Council 45th Annual Symposium, Las Vegas, Nevada, USA, February 20-23rd.
- 2021 **Origgi FC.** Facing the Pathogens cold blooded. Desert Tortoise Council 46th Annual Symposium, Las Vegas, Nevada, USA, February 9-25th
- 2021 **Origgi FC.** Otten P, Lohmann P, Sattler U, Wahli T, Lavazza A, Gaschen V, Stoffel M. Unravelling the pathogenesis of Herpesvirus-Associated Proliferative Skin Disease in Frogs and Toads. 69th WDA, 14th EWDA, Cuenca, Spain, August 31st-September 2nd.
- 2021 **Origgi FC.** More than 20 years investigating tortoise herpesviruses (*Testudinid alphaherpesviruses*) All that we don't know. BVZA annual conference, September, 24th-26th (Virtual).
- 2021 **Origgi FC.** Insights into the pathogenesis of amphibian herpesvirus associated proliferative skin disease. 3rd ECVM conference, October 16-17 (Virtual)
- 2022 **Origgi FC.** Ranid herpesvirus 3 and Bufonid herpesvirus 1-associated skin disease in amphibians: The pathological, molecular and ecological bases of the disease. 46th International herpesvirus workshop, July 25-29th (Virtual).
- 2022 **Origgi FC.** Dissecting the bases of herpesvirus associated proliferative skin diseases in lower vertebrates. A model for DNA-virus associated proliferative and neoplastic diseases. 6th national congress of the Italian Society for Virology, Naples, Italy, July 3-5th.
- 2022 **Origgi FC.** Frog and Toad herpesvirus-associated proliferative skin disease: A paradigmatic example of host-pathogen-environment interaction. First Global Conference on Amphibian and Reptilian diseases GARD, Knoxville, TN, USA August, 4-10th.
- 2022 **Origgi FC.** Genomic and transcriptomic of Ranid herpesvirus 3 and Bufonid herpesvirus 1 in naturally infected hosts: Linking molecular signature and pathology phenotype. 4th International Conference of the European College of Veterinary Microbiology, Bari, Italy, September 15-17th.
- 2023 **Origgi FC.** Take a walk on the wild side: Viruses, bacteria, fungi, parasites and pathology of wildlife. University of Messina, Messina, Italy, December 18th.

-2023 **Origgi FC.** Antimicrobial resistance: Future Challenges in a changing world. Antimicrobial workshop, Palermo, Italy, December 20th.

Grants

-1998	(PI) Fulbright scholarship 10,000 US \$ and tuition waiver for the postgraduate program at the University of Florida
-1999	(co-PI) Grant # DACA 05-99-P-0661 from the US Department of Defense, Corps of Engineers. 30,000 US \$
-2000	(co-PI) Grant # 1434-HQ-97-RU-01544 from the US Department of Defense, Corps of Engineers. 50,000 US \$
-2010	(co-PI) Grant # 1.11.17. From the Swiss Federal Veterinary Office (BLV). Canine distemper virus epidemic in Swiss wildlife: epidemiological investigations and assessment of the risk of infection for domestic dogs. 20,300 CHF (duration: 2 years)
-2012	(co-PI) Grant # 1.12.16. From the Swiss Federal Veterinary Office (BLV). Integrative approach and method harmonization in wildlife health surveillance: population dynamics and pathogen distribution in wild boar and red fox from Switzerland. 286,534 CHF (duration: 3 years)
-2018	(PI) Grant from the Vontobel-Stiftung: Development of diagnostic tests for Ranid herpesvirus 3 detection in free ranging common frogs. 55,597 CHF (duration: 2 years)
-2018	(PI) Grant from the Federal Office for the Environment (BAFU): "Frog and Toad Herpesvirus detection 2018-2019." 31,000 CHF (duration: 2 years).
-2018	(PI) Grant from the Federal Office for the Environment (BAFU): "Frog and toad herpesvirus detection 2018-2019: Differences in Bufonid herpesvirus 1 and in toads and Ranid herpesvirus 3 in common frogs." 25,000 CHF (duration: 2 years).
-2018-2023	(co-PI) Grant from the Federal Office for the Environment (BAFU): Investigation on <i>O. ophioidiicola</i> in free-ranging Swiss snakes. 76,680 CHF (duration: 5 years), PI S. Ursenbacher, Karch.
-2019	(PI) Grant from the "David J. Morafka Memorial Research Award": "Sequencing of the Testudinid herpesvirus 2 (TeHV2) genome." 2,000 US \$ (duration 1 year).
-2019-2023	(co-PI) Grant from the Federal Office for the Environment (BAFU): Investigation of the presence of <i>Trachemys scripta</i> and other aquatic turtles in Switzerland - development of detection and control method. 260,000 CHF (duration: 4 years), PI S. Ursenbacher, Karch.

-2023 (co-PI) Grant from the Italian National Centre for Research (CNR): Health assessment of some amphibian and reptile species in Armenia with special focus on emerging infectious agents **10,000 Euro** (duration: 2 years), PI F. Cianferroni.

Languages

Italian: Mother language

English: Excellent written and spoken.

-1996 Test of English as Foreign Language (TOEFL): **620**. September 20th.

-1996 Graduate Record Examination (GRE): **1620** (Combined sections). October 12th.

-2021 German: B1/2 level (Goethe test pro-NSL- Basel-CH)