

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)

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

Education and training

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| -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 *summa cum Laude* (Honor), on July 4th.

-1998 ***Fulbright Scholarship***

-1999 *Academic Excellence Award for International Students (University of Florida).*

-2000 *Academic Excellence Award for International Students (University of Florida).*

- 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):** (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).
- 2013 **C.L. Davis Foundation "Journal Award" (best publication of the year in veterinary pathology for outstanding content, relevance investigative approach and illustrations).** (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).
- 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

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

Associate Editor

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| 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

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| 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 (Amphibia, Pipidae)</i> : 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: "Testudinid herpesvirus (TeHV) and Mycoplasma 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 **Origi 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 **Origi 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, **Origi 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, **Origi 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, **Origi 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, **Origi FC**, Orvell C, Vandevelde 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 **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 (*If 2.11*).
- 2012 Ader N, Brindley MA, Avila M, **Origi FC**, Langedijk JP, Orvell C, Vandevelde 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, **Origi 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, **Origi 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, **Origi FC**. Epidemic of Salmonellosis in passerine Birds in Switzerland with spillover to domestic cats. *Vet Pathol*. 50:597-606 (*If 2.11*).

- 2013 Schönig 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, Kohsravi 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*).
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- 2003 Marschang RE, **Origi 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 **Origi 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, **Origi 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, **Origi 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, **Origi 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, **Origi 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 **Origi 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 **Origi 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 **Origi F.** What's new in Reptile Virology. 40th Congresso Nazionale Scivac, Montecatini, Italy, 30 March - 2 April.

- 2000 **Origi 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 **Origi F**, and Jacobson ER. Serodiagnostic Investigation of Herpesvirus Infection in Chelonians. Desert Tortoise Council, 25th Annual Symposium, Las Vegas, Nevada 21-23 April.
- 2000 **Origi 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 **Origi 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 **Origi 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 **Origi 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 **Origi 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 **Origi 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 **Origi 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 **Origi 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 **Origi FC**. Pathogenesis of tortoise herpesviruses. Hungarian Academy of Science, Veterinary Research Institute. Budapest, Hungary, March 19 (Invited speaker).
- 2003 **Origi 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, **Origi 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, **Origi F.** Multisystemic Amyloidosis in a Stone Marten (*Martes foina*). Versammlung der Schweizerischen Vereinigung für Tierpathologie (SVTP), Basel, June 24th.
- 2010 Mavrot F, **Origi 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, **Origi 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, **Origi 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 **Origi 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 **Origi FC.** Necrotizing encephalitis in a passerine bird (*Carduleis spinus*). Versammlung der Schweizerischen Vereinigung für Tierpathologie (SVTP), Basel, June 24th.
- 2011 **Origi 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 **Origi 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 **Origi 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 **Origi 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 **Origi 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 Tierärzttage 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 Internation 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 **Origi FC.** "Of Frog and Toad Herpesvirus: A Matter of Skin?". DIP retreat, Vetsuisse Faculty, Schloss Münchenwiler, October 17-18.
- 2019 Origi F. Sanitary risk concerning the reintroduction of Mediterranean tortoises in the wild. University of Perugia, November 29th.
- 2019 **Origi F.** "Wildlife disease ecology", College of Veterinary Medicine, University of Milan, Lodi, December 4th.
- 2020 Origi F. "Frog and Toad Herpesviruses: Think twice next time you want to kiss a frog". "Science @ lunch", Vetsuisse Faculty, Bern, January 28th.
- 2020 **Origi 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 **Origi FC.** Facing the Pathogens cold blooded. Desert Tortoise Council 46th Annual Symposium, Las Vegas, Nevada, USA, February 9-25th
- 2021 **Origi 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 **Origi FC.** More than 20 years investigating tortoise herpesviruses (*Testudinid alphaherpesviruses*) All that we don't know. BVZA annual conference, September, 24th-26th (Virtual).
- 2021 **Origi FC.** Insights into the pathogenesis of amphibian herpesvirus associated proliferative skin disease. 3rd ECVI conference, October 16-17 (Virtual)
- 2022 **Origi 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 **Origi 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 **Origi 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 **Origi 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 **Origi FC.** Take a walk on the wild side: Viruses, bacteria, fungi, parasites and pathology of wildlife. University of Messina, Messina, Italy, December 18th.

-2023 **Origi 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 *O. ophiodiicola* 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 *Trachemys scripta* 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. Cianferoni.

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)