

PERSONAL INFORMATION**Jane Budai****WORK EXPERIENCE**

December 2023-May 2025

Research Grant Holder*The National Recovery and Resilience Plan (NRRP)*

Department of Molecular Sciences and Nanosystems
Ca' Foscari University of Venice
Via Torino 155, 30172, Mestre (VE), Italy

Supervisor: Prof. Flavio Rizzolio
Molecular Biologist, PhD
Full Professor of Molecular Biology

Tasks performed:

- Fish Cell Lines – Environmental Sustainability and Animal Welfare studies
- Histopathology – Animal Models for Human Cancer
- Enzyme-linked immunosorbent assay (ELISA)

Field: Cancer Biology

October 2020-November 2023

Research Scholarship

Imaging Unit, Department of Virology (SCS6), Division of Comparative Biomedical Sciences
Istituto Zooprofilattico delle Venezie (Public Health Institute)
Viale dell'Università 10, 35020, Legnaro (PD), Italy

Supervisor: Dr Calogero Terregino
DVM, PhD
Head of the Division of Comparative Biomedical Sciences

Tasks performed:

- Diagnostic Electron Microscopy
- Ultrastructural Pathology
- Histopathology

Field: Diagnostic and Experimental Research for Viral Diseases

November 2017-September 2020

Internship in Fish and Wildlife Pathology*Term Contract Worker (co.co.co.) as part of HORIZON 2020 PerformFISH*

Section of Animal and Veterinary Sciences, Department of Agricultural, Food, Environmental and Animal Sciences (DI4A)
University of Udine
Via Sondrio 2, 33100, Udine, Italy

School director: Prof. Marco Galeotti
DVM Dipl. ECVP Dipl. ECAAH
Full Professor of Veterinary Pathology

Tasks performed:

- Teaching - Gross Pathology, Histopathology and Immunohistochemistry practical classes
- Diagnostics - recognition and interpretation of gross and histological lesions in fish and wildlife
- Research topic - Tumors in Fish

EDUCATION AND TRAINING

November 2022-present

Specialisation School in Breeding, Hygiene, Pathology of Aquatic Species and Fish Products Control (three - year Postgraduate School)

Section of Animal and Veterinary Sciences, Department of Agricultural, Food, Environmental and Animal Sciences (DI4A)

University of Udine
Via Sondrio 2, 33100, Udine, Italy

Head of the school: Prof. Marco Galeotti
DVM Dipl. ECVF Dipl. ECAAH
Full Professor of Veterinary Pathology

August-September 2019 (one month) **Externship in Veterinary Anatomic Pathology**

Department of Pathobiological Sciences, Louisiana State University School of Veterinary Medicine
Skip Bertman Dr, Baton Rouge, LA 70803, United States

Supervisor: Dr Ingeborg Langohr
DVM PhD Dipl. ACVP
Professor of Veterinary Pathology

Tasks performed:

- Gross pathology - Diagnostic activities in the necropsy laboratory
- Gross Pathology rounds
- Histopathology - Joint Pathology Center Wednesday Slide Conferences
- Advanced Systemic Pathology course (cardiovascular and respiratory system)
- Ocular and Dermatopathology rounds
- Seminars - House Officer seminars (LSU-SVM - Veterinary Clinical Sciences Case Rounds)

April-August 2017 (four months) **Externship in Veterinary Pathology**

Journal of Comparative Pathology Educational Trust Travel Bursary

Department of Veterinary Pathology and Public Health, Institute of Veterinary Science
University of Liverpool
Leahurst, Chester High Road, Neston, CH64 7TE

Supervisor: Dr Richard Blundell
DVM, PhD, Dipl. ECVF
Senior lecturer in Veterinary Pathology

Tasks performed:

- Forensic Pathology - post-mortem examination of a range of species
- Histopathology - glass slide review on a range of species
- Descriptive techniques - JPC Wednesday Slide Conferences
- Clinical Pathology - haematology and cytology slide reading

April-December 2016 (nine months) **Internship in Veterinary Anatomic Pathology**

Anatomic Pathology Service, Department of Veterinary Medical Sciences (DIMEVET)
Alma Mater Studiorum - University of Bologna
Via Tolara di Sopra 50, 40064 Ozzano dell'Emilia (BO), Italy

Supervisor: Prof. Giuseppe Sarli
DVM
Full Professor of Veterinary Pathology

Tasks performed:

- Diagnostics - post mortem and histopathological examination (domestic animals)
- Teaching - gross pathology practical classes

June 2016 **State Examination Licence to practice as a Veterinary Surgeon**

Department of Veterinary Medical Sciences (DIMEVET)
Alma Mater Studiorum - University of Bologna
Via Tolara di Sopra 50, 40064 Ozzano dell'Emilia (BO), Italy

September 2008-March 2016 **Degree in Veterinary Medicine - DVM**

Department of Veterinary Medical Sciences (DIMEVET) - EAEVE accreditation (May 2014)
Alma Mater Studiorum - University of Bologna
Via Tolara di Sopra 50, 40064 Ozzano dell'Emilia (BO), Italy

Graduation mark: 110/110 *cum laude* (full marks with honours)

Graduation thesis: "Necroscopic findings in breeding female rabbits" | Anatomic Pathology | Prof. Giuseppe Sarli

September 2002-April 2006 **Bachelor's degree in Economics - BEc**

Faculty of Economics, University of Udine
Via Francesco Tomadini 30, 33100 Udine, Italy

Graduation mark: 106/110

Graduation thesis: "Endogeneity in econometrics" | Econometrics | Dr. Laura Rizzi

Good skills in statistical analysis. Principal subjects covered:

- Computer Science and Analysis of Data
- Statistics
- Statistics for Measurement of Economic Phenomena
- Econometrics I & II
- Marketing (Market Analysis)
- Statistics for Economic Analysis

September 1997-July 2002 **Scientific High School**

Giovanni Marinelli High School
Viale Leonardo da Vinci 4, 33100 Udine, Italy

PERSONAL SKILLS

MOTHER TONGUE(S)

Italian

OTHER LANGUAGE(S)

UNDERSTANDING

SPEAKING

WRITING

LISTENING

READING

**SPOKEN
INTERACTION**

**SPOKEN
PRODUCTION**

English

B1

B1

B1

B1

B1

Certified by Language Centre (CLAV) of the University of Udine (intermediate 2 level) (2002)

Spanish

A1

A1

A1

A1

A1

Certified by Language Centre (CLAV) of the University of Udine (false beginner level) (2005)

LANGUAGE COURSES

- "IELTS preparation course", October 2016-February 2017 (28h group lessons and 6h advanced group conversation lessons), Anglo American School S.n.c., Bologna, Italy

DIGITAL COMPETENCE

European Computer Driving Licence (ECDL) acquired in 2006

- good command of office suite after attending a four-months specific training "Preparation for the ECDL CORE FULL (MOD.1-7)", March 2006-July 2006, CSF ENAIP, Pasion di Prato (UD), Italy

DRIVING LICENCE

B

ADDITIONAL INFORMATION

PUBLICATIONS

- Mandrioli L, Barbé T, Bonazza Foselli M, Brocca G, Verin R, Errani F, Volpe E, Montesi F, Sirri R, Morini M, **Budai J**, Toffan A, Ciulli S. *Cutaneous angiomatosis-like presentation in koi carp (Cyprinus carpio koi): Clinical-pathological investigations*. J Fish Dis. 2023 March: 00:1–8
- Gobbo F, Zanardello C, Bottinelli M, **Budai J**, Bruno F, De Nardi R, Patregnani T, Catania S, Terregino C. *Silent Infection of Highly Pathogenic Avian Influenza Virus (H5N1) Clade 2.3.4.4b in a Commercial Chicken Broiler Flock in Italy*. Viruses. 2022 July:14: 1600.
- Bortolami A, Mazzetto E, Kangethe RT, Wijewardana V, Barbato M, Porfiri L, Maniero S, Mazzacan E, **Budai J**, Marciano S, Panzarin V, Terregino C, Bonfante F, Cattoli, G. (2022). *Protective Efficacy of H9N2 Avian Influenza Vaccines Inactivated by Ionizing Radiation Methods Administered by the Parenteral or Mucosal Routes*. Frontiers in Veterinary Science. 2022 July:9: 905.
- Bottinelli M, Fortin A, Zanardello C, **Budai J**, Gobbo F, Antonazzo G, Leone S, Merenda M, Terregino C, Catania S. *Herpetic Pneumonia in Indian Ringneck Parrots (Psittacula krameri): First Report of Novel Psittacid Alphaherpesvirus-5 Infection in Europe*. Animals. 2022 Dec:12: 188.
- Davidovich N, Fiocchi E, Basso A, **Budai J**, Montesi F, Pretto T. *An outbreak of crayfish rickettsiosis caused by Coxiella cheraxi in redclaw crayfish (Cherax quadricarinatus) imported to Israel from Australia*. Transbound Emerg Dis. 2021 Nov:1: 204-212.
- Sirri R, Tura G, **Budai J**, Beraldo P, Fiorentino M, Barbé T, Galeotti M, Sarli G, Mandrioli L. *Histological and immunohistochemical characterization of 17 gonadal tumours in koi carp (Cyprinus carpio koi)*. J Fish Dis. 2021 Mar:44: 273-285.
- **Budai J**, Beraldo P, Sirri R, Panebianco R, Sarli G, Galeotti M. *Ovarian mixed germ cell-sex cord-stromal tumour in a European seabass, Dicentrarchus labrax (Linnaeus, 1758)*. J Fish Dis. 2020 Nov:43:1453-1457.

PROCEEDINGS

- Cortinovis L.*, Lucon Xiccato R., Fiocchi E., Quartesan R., **Budai J.**, Montesi J., Toffan A., Pretto T., Porcelli, F., Buonocore, F. (2021). *Antimicrobial peptides: an insight on their efficacy against major viral and bacterial fish pathogens*. Poster. In Proceedings of the XX Virtual Conference of European Association of Fish Pathology (EAFP), 20th-23rd September 2021.
- Sirri R.*, Tura G., **Budai J.**, Beraldo P., Fiorentino M., Barbé T., Galeotti M., Sarli G., Mandrioli L. (2019). *Gonadal tumors in Koi Carp (Cyprinus Carpio Koi): immunohistochemical approach through tissue microarray technique*. Flash poster. In: Proceedings of the XVI Meeting of the Italian Association of Veterinary Pathologists (AIPVet), 222ID, 19th-22nd June 2019, Olbia, Italy
- **Budai J.***, Beraldo P., Panebianco R., Novelli A., Caggiano M., Sirri R., Sarli G., Galeotti M. (2018). *First report of a mixed germ cell-sex cord stromal tumor of the ovary in European seabass (Dicentrarchus labrax)*. Oral presentation. In: Proceedings of the XXIV Meeting of the Italian Society of Fish Pathology (S.I.P.I.), p.37, 11st-12nd October 2018, Turin, Italy
- Bassi P.*, **Budai J.**, Ostanello F., Zanoni R. G., Fornasini D., Zucchini M., Sarli G.(2014). *Necroscopic findings associated with early replacement in breeding does*. Poster. In: Proceedings of the XI Meeting of the Italian Association of Veterinary Pathologists (AIPVet), p.299, 16th-18th June 2014, Pisa, Italy

CONGRESS, COURSES, SEMINARS

- “Corso base sulla sperimentazione animale: formazione del personale coinvolto nelle attività di sperimentazione animale”, Organismo Preposto al Benessere Animale (OPBS), University of Trieste, May 2020, Trieste, Italy
- ECM course “Avvelenamenti animali: un decennio di applicazione di misure nazionali di controllo”, 17th November 2019, Treviso (TV), Italy
- “Open Day sul Benessere degli Animali da Sperimentazione”, 14th November 2019, Udine, Italy
- XXIV Convegno Nazionale S.I.P.I. Società Italiana di Patologia Ittica, 11st-12nd October 2018, Turin, Italy
- “Training Course on Fish Parasite Diagnosis – Diagnostic approach to parasites of European sea bass and gillthead sea bream”, 13rd-14th September 2018, Udine, Italy
- General Meeting of the Belgian Working Group on Animal Pathology (BWGAP), 17th April, 2018, Merelbeke, Belgium
- “Springer Nature Author Seminar – Publishing Scientific Research in Journals, Conference, Proceedings and Books”, 26th March 2018, Udine, Italy
- XXXIV Meeting of the European Society of Veterinary Pathology (ESVP), XXVII Meeting of the European College of Veterinary Pathologists (ECVP), 7th-10th September 2016, Bologna, Italy
- LXVIII Convegno Nazionale SISVet, Convegno SICV, XI Convegno AIPVet, XII Convegno SIRA, 16th-18th June, 2014, Pisa, Italy

AWARDS

- ***Honorary Expert in the Field of Veterinary Pathology (2019-2022) - University of Udine***
Minutes of Meeting (MoM) of the Department of Agricultural, Food, Environmental and Animal Sciences, University of Udine (A.Y. 2018/2019, date of meeting - 17th September 2019, MoM n.11, p.14)
Chair of the Committee: Prof. Paolo Ceccon; proponent: Prof. Marco Galeotti