

## CURRICULUM VITAE

### PERSONAL INFORMATION

Name **BENALI, Silvia Lucia**  
Address **Via Centro di Romagnano, 22, 37023 Grezzana (VERONA) - ITALY**  
E-mail **silvialucia.benali@gmail.com**

Nationality Italian  
Date of Birth 27/06/1985  
Gender F

### WORK EXPERIENCE

- **2015 to present**  
Private Practitioner (Histopatology consultant)
- **2014 to present**  
Co-Director, European Veterinary Renal Pathology Service
- **2015 (April-September)**  
Fellowship at University of Padova Padova (ITALY)  
Project: Valutazione e refertazione di preparati istopatologici veterinari
- **2010**  
Fellowship at Biounivet srl Brescia (ITALY)  
Aim of the project:  
Development of histological diagnostic methods
- Scholarship at University of Padova Padova (ITALY)  
Aim of the project:  
Development of immunohistochemical protocols in canine and feline oncology

### EDUCATION AND TRAINING

- **2012 -2015**  
University of Padova  
PhD student in at the Doctoral School in Veterinary Science (University of Padova) under the supervision of Dr. Luca Aresu (University of Padova-Italy) and Dr. George Lees (Texas A&M University- College station TX-USA)  
Project: The role of different growth factors in canine X-linked hereditary nephropathy: an animal model for progressive renal failure
- **2013-2015**  
Residency in Veterinary Pathology (University of Milano) under the supervision of Prof. Paola Roccabianca

- **2010**

University of Utrecht Utrecht (NL)

8 weeks clinical rotation in the Department of Clinical Sciences of Companion Animals divided between Intensive Care and Outpatients Internal Medicine (Endocrinology, Gastroenterology, Reproduction, Nephrology, Urology)

4 weeks rotation in the Department of Pathobiology attended to rotations in the necropsy room, histopathological discussions' participating in the educational program of the pathology residents, discussions in relation to comparative pathology at the Medical Faculty, Erasmus University, The Netherlands

- **2004-2009**

University of Padova  
Degree in Veterinary Medicine

Padova (ITALY)

**PERSONAL SKILLS AND  
COMPETENCES**

MOTHER TONGUE

**ITALIAN**

- Written
- Spoken

**ENGLISH**

ADVANCED

ADVANCED

## PUBLICATIONS

### **Therapeutic impact of regional lymphadenectomy in canine stage II cutaneous mast cell tumours.**

Marconato L, Polton G, Stefanello D, Morello E, Ferrari R, Henriques J, Tortorella G, Benali SL, Bergottini R, Vasconi ME, Annoni M, Sabattini S.

Vet Comp Oncol. 2018 Dec;16(4):580-589. doi: 10.1111/vco.12425. Epub 2018 Jul 26.

PMID: 30047226

### **European Veterinary Renal Pathology Service: A Survey Over a 7-Year Period (2008-2015).**

Aresu L, Martini V, Benali SL, Brovida C, Cianciolo RE, Dalla Riva R, Trez D, Van Der Lugt JJ, Van Dongen A, Zini E.

J Vet Intern Med. 2017 Sep;31(5):1459-1468. doi: 10.1111/jvim.14796. Epub 2017 Aug 1.

PMID: 28763127

### **X-Linked Hereditary Nephropathy in Navasota Dogs: Clinical Pathology, Morphology, and Gene Expression During Disease Progression.**

Benali SL, Lees GE, Nabity MB, Aricò A, Drigo M, Gallo E, Giantin M, Aresu L.

Vet Pathol. 2016 Jul;53(4):803-12. doi: 10.1177/0300985815624494. Epub 2016 Feb 25.

PMID: 26917550

### **Histological and immunohistochemical characterization of feline renal cell carcinoma: a case series.**

Bonsembiante F, Benali SL, Trez D, Aresu L, Gelain ME.

J Vet Med Sci. 2016 Feb 18. Jul 1;78(6):1039-43. doi: 10.1292/jvms.15-0697. Epub 2016 Feb 18.

PMID: 26888581

### **Correlation of Urine and Serum Biomarkers with Renal Damage and Survival in Dogs with Naturally Occurring Proteinuric Chronic Kidney Disease.**

Hokamp JA, Cianciolo RE, Boggess M, Lees GE, Benali SL, Kovarsky M, Nabity MB.

J Vet Intern Med. 2016 Mar;30(2):591-601. doi: 10.1111/jvim.13832. Epub 2016 Feb 1.

PMID: 26833584

### **Aging in the Canine Kidney.**

Cianciolo RE, Benali SL, Aresu L.

Vet Pathol. 2016 Mar;53(2):299-308. doi: 10.1177/0300985815612153. Epub 2015 Oct 27.

PMID: 26508694

### **Quantitative analysis of ultrasonographic images and cytology in relation to histopathology of canine and feline liver: An ex-vivo study.**

Banzato T, Gelain ME, Aresu L, Centelleghè C, Benali SL, Zotti A.

Res Vet Sci. 2015 Dec;103:164-9. doi: 10.1016/j.rvsc.2015.10.002. Epub 2015 Oct 19.

PMID: 26679812

### **Renal morphology in cats with diabetes mellitus.**

Zini E, Benali S, Coppola L, Guscelli F, Ackermann M, Lutz TA, Reusch CE, Aresu L.

Vet Pathol. 2014 Nov;51(6):1143-50. doi: 10.1177/0300985813516645. Epub 2014 Feb 24.

PMID: 24565829

### **Epithelial mesenchymal transition in the progression of renal disease in dogs.**

Benali SL, Lees GE, Castagnaro M, Aresu L.

Histol Histopathol. 2014 Nov;29(11):1409-14. Epub 2014 May 28. Review.

PMID: 24872206

### **De novo expression of human leukocyte antigen-DR (HLA-DR) and loss of beta-catenin expression in tubular epithelial cells: a possible event in epithelial-mesenchymal transition in canine renal diseases.**

Benali SL, Lees GE, Nabity MB, Mantovani R, Bonsembiante F, Aresu L.

Vet J. 2013 Oct;198(1):229-34. doi: 10.1016/j.tvjl.2013.06.006. Epub 2013 Jul 10.

PMID: 23850018

### **Light and electron microscopic analysis of consecutive renal biopsy specimens from leishmania-seropositive dogs.**

Aresu L, Benali S, Ferro S, Vittone V, Gallo E, Brovida C, Castagnaro M.

Vet Pathol. 2013 Sep;50(5):753-60. doi: 10.1177/0300985812459336. Epub 2012 Sep 6.

PMID: 22961886

### **Leishmania amastigotes in neoplastic cells of 3 nonhistiocytic canine tumors.**

Ferro S, Palmieri C, Cavicchioli L, De Zan G, Aresu L, Benali SL.

Vet Pathol. 2013 Sep;50(5):749-52. doi: 10.1177/0300985813480192. Epub 2013 Mar 12.

PMID: 23482523

### **Expression of matrix metalloproteinases, tissue inhibitors of metalloproteinases and vascular endothelial growth factor in canine mast cell tumours.**

Giantin M, Aresu L, Benali S, Aricò A, Morello EM, Martano M, Vascellari M, Castagnaro M, Lopparelli RM, Zancanella V, Granato A, Mutinelli F, Dacasto M.

J Comp Pathol. 2012 Nov;147(4):419-29. doi: 10.1016/j.jcpa.2012.01.011. Epub 2012 Apr 19.

PMID: 22520817

### **The role of inflammation and matrix metalloproteinases in equine endometriosis.**

Aresu L, Benali S, Giannuzzi D, Mantovani R, Castagnaro M, Falomo ME.

J Vet Sci. 2012 Jun;13(2):171-7.

PMID: 22705739

**Matrix metalloproteinases and their role in the renal epithelial mesenchymal transition.**

Aresu L, Benali S, Garbisa S, Gallo E, Castagnaro M.

Histol Histopathol. 2011 Mar;26(3):307-13.

PMID: 21210343

**POSTERS AND ORAL PRESENTATIONS**

**2017**

**European Veterinary Diagnostic Imaging meeting**

**Ultrasonographic and computed tomographic features of abdominal mycoses in two dogs**

Marta Amendola, Roberto Falcini, Alberto Bajo, Silvia Lucia Benali, Daniele Della Santa

**2015**

**The 2015 international workshop on Alport Syndrome**

**Gene Expression During Progression of Renal Disease in Canine Alport Syndrome**

S. Benali, M. Nabity, G. Lees, A. Aricò, M. Drigo, E. Gallo, M. Giantin, L. Aresu

**Meeting of the European Society of Veterinary Pathology (ESVP) e European College of Veterinary Pathology (ECVP)**

**Focal Segmental Glomerulosclerosis in Dogs**

J.J. van der Lugt, L. Aresu, S. Benali, A.M. van Dongen

**2014**

**Meeting of the American society of Veterinary Pathology (ASVP) e American College of Veterinary Pathology (ACVP)**

**Integrated analysis of renal morphology and gene expression during progression of canine X-linked Hereditary Nephropathy**

S.L. Benali, G.E. Lees, M.B. Nabity, A. Aricò, M. Drigo, E. Gallo, M. Giantin, and L. Aresu

**2013**

**XXXI Meeting of the ESVP/ECVP**

**Integrated analysis of renal morphology and gene expression during progression of canine X-linked Hereditary Nephropathy**

S.L. Benali, G.E. Lees, M.B. Nabity, A. Aricò, M. Drigo, E. Gallo, M. Giantin, and L. Aresu

**X Congresso Nazionale AIPVET (Associazione Italiana di Patologia Veterinaria)**

**Hystological and immunohistochemical characterization of feline renal cell carcinoma: a case series**

Bonsembiante F., Benali S.L., Trez D., Aresu L., Gelain M.

**The role of growth factors in canine x-linked Hereditary Nephropathy: an animal model of progressive renal failure**

Benali S.L., Lees G.E., Nabity M.N., Aricò A., Drigo M., Gallo E., Giantin M., Aresu L.

**2012**

**XXII Congress of the European College of Veterinary Internal Medicine – Companion Animals (ECVIM-CA)**

**Renal morphology and function in cats with diabetes mellitus.**

Zini E. Benali S., Coppola L, Guscetti F. ,Ackermann M., Lutz T.A., Reusch C.E., Aresu L.

**2011**

**VIII Congresso Nazionale AIPVET**

**Biopsie renali seriali in cani con leishmaniosi: studio clinico-patologico ed immunoistochimico.**

Benali S., Brovida C., Cavicchioli L., Castagnaro M., Aresu L.

**Studio preliminare immunoistochimico ed ultrastrutturale del carcinoma cutaneo annessiale a cellule chiare del cane**

Palmieri C., Zappulli V., Ferro S., Benali S., Della Salda L.

**2010**

**VII Congresso Nazionale AIPVET**

**La fibrosi renale nel cane: epithelial-mesenchymal transition e ruolo delle metalloproteasi 2 e 9.**

Aresu L., Benali S., Garbisa S., Gallo E., Castagnaro M.