

Curriculum Vitae et studiorum Leonardo Della Salda

Dal 1983 al 1985 è stato allievo interno presso l'Istituto di Patologia Generale e Anatomia Patologica (Università di Bologna).

Si è laureato in Medicina Veterinaria il 18/12/1985. Ha iniziato un corso di Dottorato di Ricerca in "Discipline Anatomo-istopatologiche Veterinarie" nel 1987 presso l'Istituto di Patologia Generale e Anatomia Patologica (Università di Bologna). Nel novembre del 1988 è divenuto ricercatore in "Patologia Generale e Anatomia Patologica Veterinarie". Il 1° novembre 1998 è stato nominato "Professore Associato" di Patologia Generale e Anatomia Patologica presso la Facoltà di Medicina Veterinaria dell'Università degli Studi di Teramo, e dal 2 ottobre 2000 è stato nominato "Professore straordinario" presso la stessa facoltà, dove attualmente lavora con la qualifica di "Professore Ordinario". Dal 1981 al 1983 è stato insegnante nel Corso annuale di Perfezionamento in Anatomia Patologica Veterinaria ed Ispezione, presso l'Università degli Studi di Bologna.

Negli AA.AA. 1994/95, 95/96, 96/97, 97/98 ha tenuto il corso annuale di Patologia Generale Veterinaria presso la Facoltà di Medicina Veterinaria di Teramo e dal novembre 1998 ad oggi i corsi annuali di Patologia Generale Veterinaria e di Anatomia Patologica Veterinaria presso la sopracitata Facoltà.

Ha tenuto dall' anno Accademico 2014/15 ad oggi corsi di Oncologia comparata nel corso di laurea in medicina Veterinaria ed alla "specialization school of Laboratory animals" presso "University of Warmia and mazury"; Olsztyn; Faculty of veterinary medicine; Poland, in lingua inglese.

Nel settembre 1998 ha ottenuto il Diploma dell' European College of Veterinary Pathologists (rivalutazione quinquennale nel 2023). E' "Specialista Veterinario Europeo in Patologia" (EBVS) dal 2019 fino al 2023.

E' membro di società scientifiche specialistiche nel settore della patologia ESVP, AIPVet.

E' Presidente della "Associazione Italiana Dermatologi Umani e Veterinari" (AIDUV) (dal 2002 fino ad oggi).

E' stato, Presidente della "Associazione dei patologi Veterinari Italiani" (AIPVet) fino a settembre 2016, e membro della Commissione Scientifica della "Società italiana delle scienze veterinarie" (SISVET) fino al 2019.

Referee per le riviste Plos one, Journal of Veterinary Medicine Series A, BMC Cancer, Acta veterinaria scandinavica. Co-editor della rivista internazionale Journal of Elementology dal 2010 e dal 2014 è Membro del board scientifico della rivista Polish Journal of Natural Sciences.

E' membro dell'Accademia delle Scienze d'Abruzzo e delle Regioni Adriatiche dal 2017. Membro scientifico dell'Organismo Preposto al Benessere degli Animali (OPBA) della Università di Teramo istituito con Decreto Rettorale 70 del 23.02.2016 (UNITE).

Si è occupato di ricerche inerenti a diversi settori della Anatomia Patologica veterinaria, i cui risultati sono stati oggetto di oltre 150 pubblicazioni scientifiche (oltre 86 in Pub Med), curando in particolare l'oncologia, la patologia cutanea e la patologia ultrastrutturale.

Curriculum Vitae et studiorum Leonardo Della Salda

Leonardo Della Salda was born in S.Cristobal (Venezuela) on November 1st, 1960. He worked as a resident student within the Institute of General Pathology and Pathological Anatomy (University of Bologna) from 1983 to 1985 and got his degree in Vet. Medicine on December 18th, 1985. In 1987 he started his post-doctoral PhD fellowship within the Institute of General Pathology and Pathological Anatomy (University of Bologna). On November 1st 1988 he became a Researcher in General Pathology and Pathological Anatomy. From 1991 to 1993, he taught postgraduate courses in Pathological Anatomy and Health Inspection in Bologna. Since 1994 he has lectured in Veterinary Pathology at the University of Teramo. In September 1998 he was also appointed as an Associate Professor of Pathological Anatomy at the Veterinary School of the University of Teramo. On October 2nd 2000 he became "Full Professor" of Pathological Anatomy by the same University.

From Academic year 2014/2015 he has held courses in Comparative Oncology in the degree course in Veterinary Medicine and at the "specialization school of Laboratory animals" at "University of Warmia and mazury"; Olsztyn; Faculty of veterinary medicine; Poland, in English.

In September 1998 he obtained the Diploma of the European College of Veterinary Pathologists (five-year reevaluation in 2023). He is "European Veterinary Specialist in Pathology" (EBVS) from 2019 until 2023.

He is a member of specialized scientific societies in the field of ESVP pathology, AIPVet. He is President of the "Italian Association of Human and Veterinary Dermatologists" (AIDUV) (from 2002 until today).

He was President of the "Association of Italian Veterinary Pathologists" (AIPVet) until September 2016, and member of the Scientific Commission of the "Italian Society of Veterinary Sciences" (SISVET) until 2019.

Referee for the journals Plos one, Journal of Veterinary Medicine Series A, BMC Cancer, Scandinavian veterinary Acta. Co-editor of the international journal Journal of Elementology since 2010 and 2014 he is a member of the scientific board of the Polish Journal of Natural Sciences.

He has been a member of the "Academy of Sciences of Abruzzo and the Adriatic Regions" since 2017.

Scientific member of the Animal Welfare Body (OPBA) of the University of Teramo established with Rectoral Decree 70 of 23.02.2016 (UNITE).

Special emphasis has been placed, since 1997 up to date, on research and training activities concerning oncology, as well as on research and training activities regarding the dermatology, with special emphasis on the histopathology and the comparative studies with the human medicine. Relevant research and training activities have also concerned the ultrastructural pathology.

He is author or co-author of numerous scientific papers (more than 86 in Pub Med), most of them concerning oncology, dermato-histopathology and ultrastructural pathology

1: Marcato PS, Benazzi C, Vecchi G, Galeotti M, Della Salda L, Sarli G, Lucidi P. Clinical and pathological features of viral haemorrhagic disease of rabbits and the European brown hare syndrome. *Rev Sci Tech*. 1991 Jun;10(2):371-92. doi: 10.20506/rst.10.2.560. PMID: 1760582.

2: Marcato PS, Sarli G, Della Salda L, Barigazzi G, Foni E, Sidoli L, Spinaci M. Ultrastructural study of experimental myocarditis induced by cardiovirus (EMCV-M) in swine. *J Submicrosc Cytol Pathol*. 1992 Jul;24(3):371-9. PMID: 1327499.

3: Foni E, Barigazzi G, Sidoli L, Marcato PS, Sarli G, Della Salda L, Spinaci M. Experimental encephalomyocarditis virus infection in pigs. *Zentralbl Veterinarmed B*. 1993 Jul;40(5):347-52. doi: 10.1111/j.1439-0450.1993.tb00149.x. PMID: 8237207.

4: Della Salda L, Sarli G, Benazzi C, Marcato PS. Giant cells in anaplastic mammary carcinoma of the dog and cat. *J Comp Pathol*. 1993 Nov;109(4):345-60. doi: 10.1016/s0021-9975(08)80298-8. PMID: 8106667.

5: Sarli G, Della Salda L, Marcato PS. Dystrophy-like myopathy in a foal. *Vet Rec*. 1994 Aug 13;135(7):156-60. doi: 10.1136/vr.135.7.156. PMID: 7985345.

6: Borghetti P, Della Salda L, De Angelis E, Maltarello MC, Petronini PG,

Cabassi E, Marcato PS, Maraldi NM, Borghetti AF. Adaptive cellular response to osmotic stress in pig articular chondrocytes. *Tissue Cell*. 1995 Apr;27(2):173-83. doi: 10.1016/s0040-8166(95)80020-4. PMID: 7778094.

7: Preziosi R, Della Salda L, Ricci A, Simoni P, Marcato PS. Quantification of nucleolar organiser regions in canine perianal gland tumours. *Res Vet Sci*. 1995 May;58(3):277-81. doi: 10.1016/0034-5288(95)90117-5. PMID: 7659856.

8: Marcato PS, Benazzi C, Bettini G, Masi M, Della Salda L, Sarli G, Vecchi G, Poli A. Blood and serous cysts in the atrioventricular valves of the bovine heart. *Vet Pathol*. 1996 Jan;33(1):14-21. doi: 10.1177/030098589603300102. PMID: 8826002.

9: Della Salda L, Borghetti P, Maltarello MC, Cabassi E, Maraldi NM, Marcato PS. Superficial and deep defects in dyschondroplastic and degenerated pig articular cartilage. *J Submicrosc Cytol Pathol*. 1997 Jan;29(1):51-8. PMID: 9066141.

10: Sarli G, Della Salda L, Zaccaro L, Bendinelli M, Piedimonte G, Marcato PS. Apoptotic fraction in lymphoid tissue of FIV-infected SPF cats. *Vet Immunol Immunopathol*. 1998 Jun 30;64(1):33-44. doi: 10.1016/s0165-2427(98)00125-1. PMID: 9656429.

11: Marcato PS, Bettini G, Della Salda L, Galeotti M. Pretelangiectasis and telangiectasis of the bovine liver: a morphological, immunohistochemical and ultrastructural study. *J Comp Pathol*. 1998 Aug;119(2):95-110. doi: 10.1016/s0021-9975(98)80055-8. PMID: 9749355.

12: Sarli G, Benazzi C, Preziosi R, Della Salda L, Bettini G, Marcato PS. Evaluating mitotic activity in canine and feline solid tumors: standardizing the parameter. *Biotech Histochem*. 1999 Mar;74(2):64-76. doi: 10.3109/10520299909066480. PMID: 10333403.

13: Piedimonte G, Crinelli R, Della Salda L, Corsi D, Pennisi MG, Kramer L, Casabianca A, Sarli G, Bendinelli M, Marcato PS, Magnani M. Protein degradation and apoptotic death in lymphocytes during Fiv infection: activation of the ubiquitin-proteasome proteolytic system. *Exp Cell Res*. 1999 May 1;248(2):381-90. doi: 10.1006/excr.1999.4410. PMID: 10222130.

14: Della Salda L, Preziosi R, Mazzoni M, Marcato PS. Cell proliferation patterns in canine infundibular keratinizing acanthoma and well differentiated squamous cell carcinoma of the skin. *Eur J Histochem*. 2002;46(2):165-72. doi: 10.4081/1666. PMID: 12152794.

15: Mandrioli L, Bettini G, Marcato PS, Benazzi C, Della Salda L, Krockenberger MB, Jensen HE. Central nervous system cryptococcoma in a cat. *J Vet Med A Physiol Pathol Clin Med*. 2002 Dec;49(10):526-30. doi: 10.1046/j.1439-0442.2002.00501.x. PMID: 12549832.

16: Bettini G, Muracchini M, Della Salda L, Preziosi R, Morini M, Guglielmini C, Sanguinetti V, Marcato PS. Hypertrophy of intestinal smooth muscle in cats. *Res Vet Sci*. 2003 Aug;75(1):43-53. doi: 10.1016/s0034-5288(03)00041-9. PMID: 12801462.

17: Marruchella G, Di Leonardo M, Di Guardo G, Romanucci M, Marà M, G Tiscar P, Mosca F, Della Salda L. Heat shock proteins (HSPs) 27, 72 and 73 in normal and pre-ulcerative mucosa of the gastric pars oesophagea in swine. *J Comp Pathol*. 2004 Jul;131(1):10-7. doi: 10.1016/j.jcpa.2003.12.011. PMID: 15144795.

18: Marà M, Di Guardo G, Venuti A, Marruchella G, Palmieri C, De Rugeris M, Petrizzi L, Simeone P, Rizzo C, Della Salda L. Spontaneous ocular squamous cell carcinoma in twin goats: pathological and biomolecular studies. *J Comp Pathol*. 2005 Jan;132(1):96-100. doi: 10.1016/j.jcpa.2004.06.007. PMID: 15629484.

19: Malatesta D, Cuomo A, Marà M, Di Guardo G, Gentile L, Macolino A, Della

Salda L. Benign giant cell tumour of tendon sheaths in a European Lynx (*Lynx lynx*). *J Vet Med A Physiol Pathol Clin Med*. 2005 Apr;52(3):125-30. doi: 10.1111/j.1439-0442.2005.00701.x. PMID: 15836443.

20: Romanucci M, Bongiovanni L, Marruchella G, Marà M, di Guardo G, Preziosi R, della Salda L. Heat shock proteins expression in canine intracutaneous cornifying epithelioma and squamous cell carcinoma. *Vet Dermatol*. 2005 Apr;16(2):108-16. doi: 10.1111/j.1365-3164.2005.00436.x. PMID: 15842541.

21: Romanucci M, Bongiovanni L, Petrizzi L, della Salda L. Cutaneous extraskeletal mesenchymal chondrosarcoma in a cat. *Vet Dermatol*. 2005 Apr;16(2):121-4. doi: 10.1111/j.1365-3164.2005.00429.x. PMID: 15842543.

22: Loi P, Clinton M, Vackova I, Fulka J Jr, Feil R, Palmieri C, Della Salda L, Ptak G. Placental abnormalities associated with post-natal mortality in sheep somatic cell clones. *Theriogenology*. 2006 Apr 1;65(6):1110-21. doi: 10.1016/j.theriogenology.2005.07.016. Epub 2005 Sep 8. PMID: 16154189.

23: Ptak G, Matsukawa K, Palmieri C, Della Salda L, Scapolo PA, Loi P. Developmental and functional evidence of nuclear immaturity in prepubertal oocytes. *Hum Reprod*. 2006 Sep;21(9):2228-37. doi: 10.1093/humrep/del184. Epub 2006 Jun 21. PMID: 16790612.

24: Romanucci M, Marinelli A, Sarli G, Della Salda L. Heat shock protein expression in canine malignant mammary tumours. *BMC Cancer*. 2006 Jun 27;6:171. doi: 10.1186/1471-2407-6-171. PMID: 16803633; PMCID: PMC1525201.

25: Palmieri C, Loi P, Reynolds LP, Ptak G, Della Salda L. Placental abnormalities in ovine somatic cell clones at term: a light and electron microscopic investigation. *Placenta*. 2007 May-Jun;28(5-6):577-84. doi: 10.1016/j.placenta.2006.08.003. Epub 2006 Oct 20. PMID: 17056108.

26: Palmieri C, Brunetti M, Della Salda L. Immunohistochemical characterization of Kisselev nodules (ectopic lymphoid follicles) in wild boar (*Sus scrofa* L.). *Res Vet Sci.* 2007 Aug;83(1):109-15. doi: 10.1016/j.rvsc.2006.10.009. Epub 2006 Dec 6. PMID: 17156803.

27: Ettorre C, Sacchini F, Scacchia M, Della Salda L. Pneumonia of lambs in the Abruzzo region of Italy: anatomopathological and histopathological studies and localisation of *Mycoplasma ovipneumoniae*. *Vet Ital.* 2007 Jan-Mar;43(1):149-55. English, Italian. PMID: 20411506.

28: Okada K, Palmieri C, Della Salda L, Vackova I. Viability, acrosome morphology and fertilizing capacity of boar spermatozoa treated with strontium chloride. *Zygote.* 2008 Feb;16(1):49-56. doi: 10.1017/S0967199407004479. PMID: 18221581.

29: Romanucci M, Malatesta D, Guardiani P, Frescura P, Della Salda L. Xanthogranulomatous inflammation of the small bowel in a dog. *Vet Pathol.* 2008 Mar;45(2):207-11. doi: 10.1354/vp.45-2-207. PMID: 18424836.

30: Romanucci M, Bastow T, Della Salda L. Heat shock proteins in animal neoplasms and human tumours--a comparison. *Cell Stress Chaperones.* 2008 Sep;13(3):253-62. doi: 10.1007/s12192-008-0030-8. Epub 2008 Mar 12. PMID: 18335321; PMCID: PMC2673947.

31: Turco MY, Matsukawa K, Czernik M, Gasperi V, Battista N, Della Salda L, Scapolo PA, Loi P, Maccarrone M, Ptak G. High levels of anandamide, an endogenous cannabinoid, block the growth of sheep preimplantation embryos by inducing apoptosis and reversible arrest of cell proliferation. *Hum Reprod.* 2008 Oct;23(10):2331-8. doi: 10.1093/humrep/den258. Epub 2008 Jul 9. PMID: 18614613.

32: Bongiovanni L, Romanucci M, Fant P, Lagadic M, Della Salda L. Apoptosis and anti-apoptotic heat shock proteins in canine cutaneous infundibular keratinizing

acanthomas and squamous cell carcinomas. *Vet Dermatol.* 2008 Oct;19(5):271-9. doi: 10.1111/j.1365-3164.2008.00687.x. Epub 2008 Aug 18. PMID: 18803621.

33: Borzacchiello G, Russo V, Della Salda L, Roperto S, Roperto F. Expression of platelet-derived growth factor-beta receptor and bovine papillomavirus E5 and E7 oncoproteins in equine sarcoid. *J Comp Pathol.* 2008 Nov;139(4):231-7. doi: 10.1016/j.jcpa.2008.07.006. Epub 2008 Sep 23. PMID: 18814884.

34: Palmieri C, Loi P, Ptak G, Della Salda L. Review paper: a review of the pathology of abnormal placentae of somatic cell nuclear transfer clone pregnancies in cattle, sheep, and mice. *Vet Pathol.* 2008 Nov;45(6):865-80. doi: 10.1354/vp.45-6-865. PMID: 18984789.

35: Borzacchiello G, Mogavero S, De Vita G, Roperto S, Della Salda L, Roperto F. Activated platelet-derived growth factor beta receptor expression, PI3K-AKT pathway molecular analysis, and transforming signals in equine sarcoids. *Vet Pathol.* 2009 Jul;46(4):589-97. doi: 10.1354/vp.08-VP-0191-B-FL. Epub 2009 Mar 9. PMID: 19276057.

36: Bongiovanni L, Colombi I, Fortunato C, Della Salda L. Survivin expression in canine epidermis and in canine and human cutaneous squamous cell carcinomas. *Vet Dermatol.* 2009 Oct;20(5-6):369-76. doi: 10.1111/j.1365-3164.2009.00822.x. PMID: 20178473.

37: Romanucci M, Bongiovanni L, Russo A, Capuccini S, Mechelli L, Ordeix L, Della Salda L. Oxidative stress in the pathogenesis of canine zinc-responsive dermatosis. *Vet Dermatol.* 2011 Feb;22(1):31-8. doi: 10.1111/j.1365-3164.2010.00907.x. Epub 2010 Aug 16. PMID: 20723188.

38: Avallone G, Pinto da Cunha N, Palmieri C, Della Salda L, Stefanello D, Roccabianca P, Caniatti M. Subcutaneous embryonal rhabdomyosarcoma in a dog: cytologic, immunocytochemical, histologic, and ultrastructural features. *Vet*

Clin Pathol. 2010 Dec;39(4):499-504. doi: 10.1111/j.1939-165X.2010.00271.x. Epub 2010 Nov 11. PMID: 21070307.

39: Palmieri C, Schiavi E, Della Salda L. Congenital and acquired pathology of ovary and tubular genital organs in ewes: a review. Theriogenology. 2011 Feb;75(3):393-410. doi: 10.1016/j.theriogenology.2010.09.020. Epub 2010 Dec 15. PMID: 21111461.

40: Arbuatti A, Della Salda L, Romanucci M. Histological observations on conjoined twins occurring among a captive-bred wild line of *Poecilia wingei* (Poeser, Kempkes & Isbrücker). J Fish Dis. 2011 Apr;34(4):319-21. doi: 10.1111/j.1365-2761.2011.01239.x. Epub 2011 Feb 15. PMID: 21382052.

41: Bongiovanni L, Malatesta D, Brachelente C, D'Egidio S, Della Salda L. β -catenin in canine skin: immunohistochemical pattern of expression in normal skin and cutaneous epithelial tumours. J Comp Pathol. 2011 Aug-Oct;145(2-3):138-47. doi: 10.1016/j.jcpa.2011.01.008. Epub 2011 Mar 8. PMID: 21388636.

42: Bongiovanni L, Müller EJ, Della Salda L. Survivin in skin pathologies. Exp Dermatol. 2011 Jun;20(6):457-63. doi: 10.1111/j.1600-0625.2011.01273.x. PMID: 21585553.

43: Romanucci M, Malatesta D, Marinelli A, Di Lorenzo P, Della Salda L. Aural carcinoma with chondroid metaplasia at metastatic sites in a dog. Vet Dermatol. 2011 Aug;22(4):373-7. doi: 10.1111/j.1365-3164.2011.00971.x. Epub 2011 Jun 9. PMID: 21651630.

44: Romanucci M, D'Amato G, Malatesta D, Bongiovanni L, Palmieri C, Ciccarelli A, Buracco P, Morello E, Maniscalco L, De Maria R, Martano M, Della Salda L. Heat shock protein expression in canine osteosarcoma. Cell Stress Chaperones. 2012 Jan;17(1):131-8. doi: 10.1007/s12192-011-0294-2. Epub 2011 Oct 21. PMID:

22015573; PMCID: PMC3227845.

45: Palmieri C, Cusinato I, Avallone G, Shivaprasad L, Della Salda L. Cloacal fibrosarcoma in a canary (*Serinus canaria*). *J Avian Med Surg*. 2011 Dec;25(4):277-80. doi: 10.1647/2010-047.1. PMID: 22458183.

46: Ptak G, Zacchini F, Czernik M, Fidanza A, Palmieri C, Della Salda L, Scapolo PA, Loi P. A short exposure to polychlorinated biphenyls deregulates cellular autophagy in mammalian blastocyst in vitro. *Hum Reprod*. 2012 Apr;27(4):1034-42. doi: 10.1093/humrep/der454. Epub 2012 Feb 1. PMID: 22298839.

47: Palmieri C, Romanucci M, Loi P, Della Salda L. Intracoelomic teratoma in a domestic duck (*Anas platyrhynchos domesticus*): a case report including immunohistochemistry and electron microscopy. *Res Vet Sci*. 2012 Oct;93(2):862-4. doi: 10.1016/j.rvsc.2012.01.009. Epub 2012 Feb 11. PMID: 22326660.

48: Romanucci M, Malatesta D, Ciccarelli A, Bongiovanni L, Palmieri C, Borzacchiello G, Roperto F, Altamura G, Della Salda L. Expression of heat shock proteins in premalignant and malignant urothelial lesions of bovine urinary bladder. *Cell Stress Chaperones*. 2012 Nov;17(6):683-92. doi: 10.1007/s12192-012-0342-6. Epub 2012 May 2. PMID: 22549151; PMCID: PMC3468682.

49: Bongiovanni L, Suter MM, Malatesta D, Ordinelli A, Ciccarelli A, Romanucci M, Brenner O, Della Salda L. Nuclear survivin expression as a potentially useful tool for the diagnosis of canine cutaneous sebaceous lesions. *Vet Dermatol*. 2012 Oct;23(5):394-e73. doi: 10.1111/j.1365-3164.2012.01065.x. Epub 2012 Jun 11. PMID: 22681570.

50: Bongiovanni L, Mazzocchetti F, Malatesta D, Romanucci M, Ciccarelli A, Buracco P, De Maria R, Palmieri C, Martano M, Morello E, Maniscalco L, Della Salda L. Immunohistochemical investigation of cell cycle and apoptosis regulators (survivin, β -catenin, p53, caspase 3) in canine appendicular

osteosarcoma. BMC Vet Res. 2012 Jun 11;8:78. doi: 10.1186/1746-6148-8-78. PMID: 22686277; PMCID: PMC3514374.

51: Maniscalco L, Iussich S, Morello E, Martano M, Biolatti B, Riondato F, Della Salda L, Romanucci M, Malatesta D, Bongiovanni L, Tirrito F, Gattino F, Buracco P, De Maria R. PDGFs and PDGFRs in canine osteosarcoma: new targets for innovative therapeutic strategies in comparative oncology. Vet J. 2013 Jan;195(1):41-7. doi: 10.1016/j.tvjl.2012.05.003. Epub 2012 Jun 14. PMID: 22704137.

52: Palmieri C, Avallone G, Cimini M, Roccabianca P, Stefanello D, Della Salda L. Use of electron microscopy to classify canine perivascular wall tumors. Vet Pathol. 2013 Mar;50(2):226-33. doi: 10.1177/0300985812456213. Epub 2012 Aug 3. PMID: 22865645.

53: Czernik M, Fidanza A, Sardi M, Galli C, Brunetti D, Malatesta D, Della Salda L, Matsukawa K, Ptak GE, Loi P. Differentiation potential and GFP labeling of sheep bone marrow-derived mesenchymal stem cells. J Cell Biochem. 2013 Jan;114(1):134-43. doi: 10.1002/jcb.24310. PMID: 22886939.

54: Romanucci M, Berardi I, Ciccarelli A, Bongiovanni L, Malatesta D, Oevermann A, Della Salda L. Immunohistochemical evaluation of heat shock protein expression in normal canine nerve and peripheral nerve sheath tumours. J Comp Pathol. 2013 Aug-Oct;149(2-3):216-20. doi: 10.1016/j.jcpa.2012.11.240. Epub 2013 Jan 22. PMID: 23348018.

55: Palmieri C, Selleri P, Di Girolamo N, Montani A, Della Salda L. Multiple congenital malformations in a dicephalic spur-thighed tortoise (*Testudo graeca iberica*). J Comp Pathol. 2013 Aug-Oct;149(2-3):368-71. doi: 10.1016/j.jcpa.2012.11.244. Epub 2013 Jan 23. PMID: 23352900.

56: Arbuatti A, Della Salda L, Romanucci M. Spinal deformities in a wild line of

Poecilia wingei bred in captivity: report of cases and review of the literature.

Asian Pac J Trop Biomed. 2013 Mar;3(3):186-90. doi:

10.1016/S2221-1691(13)60047-7. PMID: 23620835; PMCID: PMC3631747.

57: Arbuatti A, Della Salda L, Romanucci M. Pathology survey on a captive-bred colony of the Mexican Goodeid, nearly extinct in the wild, *Zoogoneticus tequila* (Webb & Miller 1998). ScientificWorldJournal. 2013 Oct 30;2013:401468. doi: 10.1155/2013/401468. PMID: 24288481; PMCID: PMC3833030.

58: Masserdotti C, Rossetti E, De Lorenzi D, Della Salda L, Palmieri C.

Characterization of cytoplasmic hyaline bodies in a hepatocellular carcinoma of a dog. Res Vet Sci. 2014 Feb;96(1):143-6. doi: 10.1016/j.rvsc.2013.11.016. Epub 2013 Dec 9. PMID: 24374119.

59: Palmieri C, Mancini M, Benazzi C, Della Salda L. Heat shock protein 90 is associated with hyperplasia and neoplastic transformation of canine prostatic epithelial cells. J Comp Pathol. 2014 May;150(4):393-8. doi: 10.1016/j.jcpa.2014.01.006. Epub 2014 Jan 28. PMID: 24679854.

60: Traversa D, Romanucci M, Di Cesare A, Malatesta D, Cassini R, Iorio R, Seghetti M, Della Salda L. Gross and histopathological changes associated with *Aelurostrongylus abstrusus* and *Troglostrongylus brevior* in a kitten. Vet Parasitol. 2014 Mar 17;201(1-2):158-62. doi: 10.1016/j.vetpar.2014.01.020. Epub 2014 Jan 31. PMID: 24548702.

61: Romanucci M, Malatesta D, Berardi I, Pugliese G, Fusco D, Della Salda L. Cytological, histological and ultrastructural nuclear features of monster cells in a canine carotid body carcinoma. J Comp Pathol. 2014 Jul;151(1):57-62. doi: 10.1016/j.jcpa.2014.03.001. Epub 2014 Mar 13. PMID: 24811273.

62: Bongiovanni L, Romanucci M, Malatesta D, D'Andrea A, Ciccarelli A, Della Salda L. Survivin and related proteins in canine mammary tumors:

immunohistochemical expression. *Vet Pathol.* 2015 Mar;52(2):269-75. doi: 10.1177/0300985814529312. Epub 2014 Mar 31. PMID: 24686389.

63: Bongiovanni L, Di Diodoro F, Della Salda L, Brachelente C. On the role of survivin as a stem cell biomarker of canine hair follicle and related tumours. *Vet Dermatol.* 2014 Apr;25(2):138-41, e39-40. doi: 10.1111/vde.12114. PMID: 24800266.

64: Malatesta D, Simpson VR, Fontanesi L, Fusillo R, Marcelli M, Bongiovanni L, Romanucci M, Palmieri C, Della Salda L. First description of adiaspiromycosis in an Eurasian otter (*Lutra lutra*) in Italy. *Vet Ital.* 2014 Jul-Sep;50(3):199-202. doi: 10.12834/VetIt.40.1916.8. PMID: 25273962.

65: Romanucci M, Frattone L, Ciccarelli A, Bongiovanni L, Malatesta D, Benazzi C, Brachelente C, Della Salda L. Immunohistochemical expression of heat shock proteins, p63 and androgen receptor in benign prostatic hyperplasia and prostatic carcinoma in the dog. *Vet Comp Oncol.* 2016 Dec;14(4):337-349. doi: 10.1111/vco.12113. Epub 2014 Jul 25. PMID: 25059752.

66: Di Girolamo N, Selleri P, Nardini G, Corlazzoli D, Fonti P, Rossier C, Della Salda L, Schilliger L, Vignoli M, Bongiovanni L. Computed tomography-guided bone biopsies for evaluation of proliferative vertebral lesions in two boa constrictors (*Boa constrictor imperator*). *J Zoo Wildl Med.* 2014 Dec;45(4):973-8. doi: 10.1638/2014-0049.1. PMID: 25632696.

67: Romanucci M, Della Salda L. Oxidative Stress and Protein Quality Control Systems in the Aged Canine Brain as a Model for Human Neurodegenerative Disorders. *Oxid Med Cell Longev.* 2015;2015:940131. doi: 10.1155/2015/940131. Epub 2015 May 11. PMID: 26078824; PMCID: PMC4442305.

68: Bongiovanni L, D'Andrea A, Porcellato I, Ciccarelli A, Malatesta D, Romanucci M, Della Salda L, Mechelli L, Brachelente C. Canine cutaneous

melanocytic tumours: significance of β -catenin and survivin immunohistochemical expression. *Vet Dermatol*. 2015 Aug;26(4):270-e59. doi: 10.1111/vde.12211. Epub 2015 May 12. PMID: 25962968.

69: Pagliarone S, Frattone L, Pirocchi V, Della Salda L, Palmieri C. Altered expression of p53, but not Rb, is involved in canine prostatic carcinogenesis. *Res Vet Sci*. 2016 Apr;105:195-9. doi: 10.1016/j.rvsc.2016.02.022. Epub 2016 Feb 23. PMID: 27033932.

70: Romanucci M, Arbuatti A, Massimini M, Defourny SVP, Della Salda L. Ovarian teratoma in an adult female *Zoogoneticus tequila* (Webb & Miller 1998): histological and immunohistochemical features. *J Fish Dis*. 2017 Jun;40(6):859-862. doi: 10.1111/jfd.12553. Epub 2016 Sep 5. PMID: 27592861.

71: Romanucci M, Massimini M, Ciccarelli A, Malatesta D, Bongiovanni L, Gasbarre A, Della Salda L. HSP32 and HSP90 Immunoexpression, in Relation to Kit Pattern, Grading, and Mitotic Count in Canine Cutaneous Mast Cell Tumors. *Vet Pathol*. 2017 Mar;54(2):222-225. doi: 10.1177/0300985816669405. Epub 2016 Sep 29. PMID: 27627984.

72: Romanucci M, Defourny SV, Massimini M, Valerii V, Arbuatti A, Giordano V, Bongiovanni L, Perrone C, Della Salda L. Unexpected Cardiac Death During Anaesthesia of a Young Rabbit Associated with Fibro-fatty Replacement of the Right Ventricular Myocardium. *J Comp Pathol*. 2017 Jan;156(1):33-36. doi: 10.1016/j.jcpa.2016.10.008. Epub 2016 Nov 25. PMID: 27894597; PMCID: PMC7094708.

73: Massimini M, Palmieri C, De Maria R, Romanucci M, Malatesta D, De Martinis M, Maniscalco L, Ciccarelli A, Ginaldi L, Buracco P, Bongiovanni L, Della Salda L. 17-AAG and Apoptosis, Autophagy, and Mitophagy in Canine Osteosarcoma Cell Lines. *Vet Pathol*. 2017 May;54(3):405-412. doi: 10.1177/0300985816681409. Epub 2016 Dec 14. PMID: 28438108.

74: Romanucci M, Massimini M, Valerii V, Malatesta D, Bongiovanni L, Della Salda L. Pathology in Practice. J Am Vet Med Assoc. 2017 Jun 1;250(11):1251-1253. doi: 10.2460/javma.250.11.1251. PMID: 28509646.

75: Romanucci M, Massimini M, Aste G, Defourny SVP, Crisi PE, Boari A, Della Salda L. Diffuse Pulmonary Adenocarcinoma with Micropapillary Growth Pattern in a Cat. J Comp Pathol. 2018 Apr;160:34-38. doi: 10.1016/j.jcpa.2018.02.006. Epub 2018 Apr 4. PMID: 29729719.

76: Di Francesco CE, Profeta F, Romanucci M, Zuccarini R, Altea T, Malatesta D, Della Salda L, Marsilio F. Evidence of avian poxvirus and papillomavirus infection in *Gyps fulvus* in Italy. Arch Virol. 2019 Jan;164(1):291-295. doi: 10.1007/s00705-018-4055-8. Epub 2018 Oct 5. PMID: 30291502.

77: Paoletti B, Della Salda L, Di Cesare A, Iorio R, Vergara A, Fava C, Olivastri A, Dessì G, Scala A, Varcasia A. Epidemiological survey on cystic echinococcosis in wild boar from Central Italy. Parasitol Res. 2019 Jan;118(1):43-46. doi: 10.1007/s00436-018-6112-3. Epub 2018 Oct 12. PMID: 30315356.

78: Defourny SVP, Romanucci M, Grieco V, Quaglione GR, Santolini C, Della Salda L. Tumor-Microenvironment Interaction: Analysis of Mast Cell Populations in Normal Tissue and Proliferative Disorders of the Canine Prostate. Vet Sci. 2019 Feb 13;6(1):16. doi: 10.3390/vetsci6010016. PMID: 30781786; PMCID: PMC6466327.

79: Della Salda L, Massimini M, Romanucci M, Palmieri C, Perillo A, Grieco V, Malatesta D, Spinillo MA, Passantino G, Dondi F, Benazzi C. Nectin-4 and p63 immunohistochemical expression in canine prostate tumourigenesis. Vet Comp Oncol. 2019 Sep;17(3):298-307. doi: 10.1111/vco.12469. Epub 2019 Apr 8. PMID: 30767361.

80: Massimini M, De Maria R, Malatesta D, Romanucci M, D'Anselmo A, Della Salda

L. Establishment of three-dimensional canine osteosarcoma cell lines showing vasculogenic mimicry and evaluation of biological properties after treatment with 17-AAG. *Vet Comp Oncol.* 2019 Sep;17(3):376-384. doi: 10.1111/vco.12482. Epub 2019 Jun 13. PMID: 31006970.

81: Zezza D, Tait S, Della Salda L, Amorena M, Merola C, Perugini M. Toxicological, gene expression and histopathological evaluations of environmentally realistic concentrations of polybrominated diphenyl ethers PBDE-47, PBDE-99 and PBDE-209 on zebrafish embryos. *Ecotoxicol Environ Saf.* 2019 Nov 15;183:109566. doi: 10.1016/j.ecoenv.2019.109566. Epub 2019 Aug 19. PMID: 31437728.

82: Romanucci M, Fusillo R, Marcelli M, Massimini M, Malatesta D, Bongiovanni L, Della Salda L. Left atrial appendage rupture due to blunt chest trauma in an Eurasian otter (*Lutra lutra*). *Vet Ital.* 2019 Sep 30;55(3):275-278. doi: 10.12834/VetIt.872.4309.2. PMID: 31599553.

83: Romanucci M, Defourny SVP, Massimini M, Bongiovanni L, Aste G, Vignoli M, Febo E, Boari A, Della Salda L. Inflammatory myofibroblastic tumor of the pancreas in a dog. *J Vet Diagn Invest.* 2019 Nov;31(6):879-882. doi: 10.1177/1040638719879737. Epub 2019 Oct 4. PMID: 31585512; PMCID: PMC6900724.

84) Bongiovanni L, Caposano F, Romanucci M, Grieco V, Malatesta D, Brachelente C, Massimini M, Benazzi C, Thomas RE, Salda LD. Survivin and Sox9: Potential Stem Cell Markers in Canine Normal, Hyperplastic, and Neoplastic Canine Prostate. *Vet Pathol.* 2019 Mar;56(2):200-207. doi: 10.1177/0300985818794161. Epub 2018 Aug 21. PMID: 30131013

85) Bongiovanni L, D'Andrea A, Romanucci M, Malatesta D, Candolini M, Salda LD, Mechelli L, Sforza M, Brachelente C. Epithelial-to-mesenchymal transition: immunohistochemical investigation of related molecules in canine cutaneous epithelial tumours. *Vet Dermatol.* 2013 Feb;24(1):195-203.e42-3. doi: 10.1111/j.1365-3164.2012.01116.x. PMID: 23331698

86) Donato Traversa, Leonardo Della Salda, Anastasia Diakou, Chiara Sforzato, Mariarita Romanucci, Antonio Frangipane di Regalbono, Raffaella Lorio, Valentina Colaberardino, Angela Di Cesare Fatal Patent Troglostrongylosis In A Litter of Kittens
J. Parasitol. 2018 Aug;104(4):418-423. doi: 10.1645/17-172. Epub 2018 May 8.