



UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA



DISCAB
Dipartimento di Scienze
Cliniche Applicate
e Biotecnologiche

CURRICULUM VITAE

PERSONAL INFORMATION	Antonella Vetuschi Department of Applied Clinical and Biotechnological Sciences Via Vetoio, Coppito 2, Building Camillo De Meis, L'Aquila, 67100 Italy antonella.vetuschi@univaq.it
CURRENT POSITION	Associate Professor
EDUCATION OTHER QUALIFICATIONS	2006 PhD in Experimental and Clinical Hepatology, "Sapienza" University of Rome, Italy. 1989 Specialization: Otolaryngology, University of L'Aquila, Italy. 1986 Degree in Medicine and Surgery, University of L'Aquila, Italy.
ACADEMIC APPOINTMENTS	-2021: suitable for the role of Full Professor Sector 05/H1- Bio/16 (Human Anatomy) -2019: Associate Professor, Human Anatomy (BIO/16)- Dept of Applied Clinical and Biotechnological Sciences, University of L'Aquila, Italy. -2002-2019: Assistant Professor, Human Anatomy (BIO/16)- Dept of Applied Clinical and Biotechnological Sciences, University of L'Aquila, Italy. -1991-2002: Graduated Research Technician



<p>TEACHING EXPERIENCE</p>	<p>Degree Course in:</p> <ul style="list-style-type: none"> -Medicine and Surgery -Motory Sciences -Radiodiagnostic Technique -Environment and Workplace Prevention Techniques <p>Medicine and Surgery post lauream Specializations in:</p> <ul style="list-style-type: none"> -Radiodiagnostic, Medical Physics <p>Specializing Master Courses</p> <ul style="list-style-type: none"> -Obstetrics and urogynecological rehabilitation <p>Doctorate</p> <ul style="list-style-type: none"> -Experimental Medicine
<p>RESEARCH ACTIVITIES</p>	<p>Scientific activity is conducted to increase the knowledge of molecular and functional mechanisms in the following biomedical fields:</p> <ul style="list-style-type: none"> a) structural, ultrastructural and immunohistochemical studies of intestinal tract in normal condition, in experimental animal models (TNBS and DSS experimental colitis both in normal, in Smad3 Knock-out mice and in high-carbohydrate and high-fat diets) and in human biopsies (surgical samples of terminal ileum and colon from patients affected by Inflammatory Bowel Disease); b) morphological and metabolic alterations occurring in liver parenchyma NAFLD/NASH in experimental model of metabolic syndrome diet induced as well as the pathways involved in human and experimental liver disease (hepatic steatosis, fibrosis, cirrhosis and hepatocarcinoma and cholangiocarcinoma) c) immunohistochemical study on the main pathways implicated in Pelvic Organ Prolapse (Transforming Growth Factor-β/Smads, Advanced Glycation End products, Mitogen Activated Protein Kinases); d) structural and immunohistochemical studies on different Histone Deacetylase (HDAC 1,2,3,4,6,8) expression as well CXR4 and CXCR7 expression in human gliomas.
<p>RESPONSIBILITY IN ACADEMIC ACTIVITIES</p>	<ul style="list-style-type: none"> -Member of Animal Welfare Board (OPBA, Organismo per il Benessere Animale), University of L'Aquila, Italy -Member of Electronic Microscopy Board, University of L'Aquila, Italy -Member of the Joint Committee Teacher/Student, Dept of Applied Clinical and Biotechnological Sciences, University of L'Aquila, Italy
<p>EDITORIAL BOARD, EDITORIAL ACTIVITIES, SOCIETY MEMBERSHIP</p>	<ul style="list-style-type: none"> -Editorial Board Member of Universal Journal of Gastroenterology Open Access -Member of Italian Society of Anatomy and Histology -Member of Italian Society of Histochemistry



<p>SCIENTIFIC ACHIEVEMENTS BIBLIOMETRIC INDICATORS</p>	<p>Scopus Author ID: Author ID:6602911062 http://orcid.org 0000-002-0237-3834</p> <p>-Bibliometric indicators •Scopus (http://www.scopus.com)</p> <ul style="list-style-type: none">• Web of Sciences core collection (http://apps.webofknowledge.com)
<p>SELECTED PUBLICATIONS</p>	<p>-Pompili S*, Vetuschi A*, Latella G, Smakaj A, Sferra R, Cappariello A. PPAR-gamma orchestrated EMT, AGE, and cellular senescence pathways in colonic epithelium and restrains the progression of IBDs. Int J Mol Sci May 18; 24(10):8952. Doi: 10.3390/ijms24108952. (*equally contributed first authors).</p> <p>-Vernia F, Tatti T, Necozone S, Capannolo A, Cesaro N, Magistroni M, Valvano M, Pompili S, Sferra R, Vetuschi A, Latella G. Is mastocytis colitis a specific clinical-pathological entity? Eur J Histochem 22 Nov; 66(4). doi 10.4081/ejh.2022.3499.</p> <p>-Pompili S, Vetuschi A*, Sferra R, Cappariello A. Extracellular vescicles (EVs) and resistance to anticancer drugs: a tumor skeleton key for unhinging chemotherapies. Front. Oncol., 23 June 2022. doi.org/10.3389/fonc.2022.933675 (*equally contributed first authors).</p> <p>-Vetuschi A, Cappariello A, Onori P, Gaudio E, Latella G, Pompili S, Sferra R. Ferroptosis-resistance cooperates with cellular senescence in the progression of liver damage induced by prolonged intake of “Western style diet” in an experimental mouse model of non-alcoholic fatty liver disease/nonalcoholic steatohepatitis (NAFLD/NASH). Eur J Histochem 66(3), 2022. doi.org/10.4081/ejh.2022.3391.</p> <p>-Vetuschi A, Battista N, Pompili S, Prete R, Taticchi A, Selvaggini R, Latella G, Corsetti A, Sferra R. Anti-inflammatory and anti-fibrotic effect of olive phenols and Lactiplantibacillus plantarum IMC513 in dextran sodium sulfate (DSS)-induced chronic colitis. Nutrition 94:111511, 2021. Doi 10.1016/j.nut.2022.111511.</p> <p>-Sferra R, Pompili S, Cappariello A, Gaudio E, Latella G*, Vetuschi A*. Prolonged chronic consumption of a high-fat with sucrose diet alters morphology of the small intestine. Int Journal of Molecular Sciences 22, 7280,2021. Doi ijms 22147280 (*equally contributed last authors).</p>



-Pompili S, Latella G, Gaudio E, Sferra R*, **Vetuschi A***

The charming world of the Extracellular Matrix: a dynamic and protective network of the intestinal wall. *Frontiers in Medicine, Gastroenterology*, 2021., vol. 8, ISSN: 2296-858X, doi: 10.3389/fmed.2021.610189 (*equally contributed last authors).

-Pompili S*, **Vetuschi A***, Gaudio E, Tessitore A, Capelli R, Alesse E, Latella G, Sferra R, Onori P.

Long-term abuse of high-carbohydrate diet is harmful as high-fat diet for development and progression of liver injury in a mouse model of NAFLD/NASH.

Nutrients, 75-76, 110782, 2020. (***equally contributed first authors**)

-**Vetuschi A***, Pompili S*, Di Marco GP, Calvaruso F, Iacomino E, Angelosante I, Festuccia C, Colapietro A, Sferra R.

Can the AGE/RAGE/ERK signaling pathway and the epithelial-to-mesenchymal transition interact in the pathogenesis of chronic rhinosinusitis with nasal polyps?

European Journal of Histochemistry, 2020. Doi: 10.4081/ejh.2020.3079.

-Festuccia C, Mancini A, Gravina GL Colapietro A, **Vetuschi A**, Pompili S, Ventura I, Delle Monache S, Iorio R, Del fattore A, Fogler W, Magnani J.

Dual CXCR4 and E-selectin inhibitor, GMI1359, shows anti-bone metastatic effects and synergizes with docetaxel in prostate cancer cell intraosseous growth. *Cells*, 2019. Doi: 10.3390/cells9010032.

-Pompili S, Sferra R, Gaudio E, Viscido A, Frieri F, **Vetuschi A***, Latella G*.

Can Nrf2 modulate the development of intestinal fibrosis and cancer in Inflammatory Bowel Disease? *Int Journal of Molecular Sciences*, 2019. Doi: 10.3390/ijms20164061. (***equally contributed last authors**).

-Sferra R, Pompili S, D'Alfonso A, Sabetta G, Gaudio E, Carta G, Festuccia C, Colapietro A, **Vetuschi A**.

Neurovascular alterations of muscularis propria in the human anterior vaginal wall in Pelvic Organ Prolapse (POP). *J of Anatomy*, 2019. doi: 10.1111/joa.13014.

-Mancinelli R, Mammola CL, Sferra R, Pompili S, **Vetuschi A**, Pannarale L.

Role of the angiogenic factors in cholangiocarcinoma. *Applied Biosciences and Bioengineering*, 2019. doi: 10.3390/app9071393.

-Varrassi M, Sferra R, Gravina GL, Pompili S, Fidanza R, Ventura M, Splendiani A, Barile A, **Vetuschi A***, Di Cesare E*. Carotid artery plaque characterization with a wide detector Computed Tomography using a delicated post-processing 3D analysis: comparison with histology.

Radiol Med, 2019 doi: 10.1007/s11547-019-01026-8.



(*equally contributed last authors)

-Di Emidio G, Santini SJ, D'Alessandro AM, **Vetuschi A**, Sferra R, Artini PG, Carta G, Falone S, Amicarelli F, Tatone C. SIRT1 participates in response to methylglyoxal-dependent glycativ stress in mouse oocytes and ovary. BBA-Molecular basis of Disease, 2019. doi:10.1016/j.bbadis.2019.02.011

-**Vetuschi A**, Pompili S, Gaudio E, Latella G, Sferra R.
PPAR- γ with its anti-inflammatory and antifibrotic action could be an effective therapeutic target in IBD.
Eur Rev Med Pharmacol Sci 22(24): 8839-8848, 2018. doi: 10.26355/eurrev_201812_16652.

-Festuccia C, Mancini C, Colapietro A, Gravina GL, Vitale F, Marampon F, Delle Monache S, Pompili S, Cristiano L, **Vetuschi A**, Tombolini V, Chen Y, Mehrling TJ.
The first -in – class alkylating deacetylase inhibitor molecule timostimuline shows antitumor effect and is synergistic with radiotherapy in preclinical models of glioblastoma. J Hematol Oncol. 2018, 311(1):32. doi10.1186/s13045-018-0576-6.

-Mammola CL, **Vetuschi A**, Pannarale L, Sferra R, Mancinelli R.
Epidermal growth factor-like domain multiple 7 (EGFL7): expression and possible effect on biliary epithelium growth in cholangiocarcinoma.
Eur J Histochem. 2018 Nov 30;62(4). doi:10.4081/ejh.2018.2971. PMID:30504933.

Sferra R, Pompili S, Ventura L, Dubuquoy C, Specca S, Gaudio E, Latella G, **Vetuschi A**. Interaction between Sphingosine kinase/Sphingosine 1 phosphate and Transforming Growth Factor- β /Smads pathways in experimental intestinal fibrosis: an in vivo immunohistochemical study.
Eur J Histochem. 31;62 (3) 2018. doi 10.4081/ejh2018.2956

-**Vetuschi A**, Pompili S, Gallone A, D'Alfonso A, Carbone AG, Carta G, Festuccia C, Gaudio E, Colapietro A, Sferra R. Immunolocalization of Advanced Glycation End Products, Mitogen Activated Protein Kinases and Transforming Growth Factor- β /Smads in Pelvic Organ prolapse.
J Histochem & Cytochem. May 2018. doi:10.1369/0022155418772798.

-Gravina GL, Mancini A, Colapietro A, Vitale F, **Vetuschi A**, Pompili S, Rossi G, Marampon F, Richardson PJ, Patient L, Burbidge S, Festuccia C.
The novel CXCR4 antagonist, PRX177561, reduces tumor cell proliferation and accelerates cancer stem cell differentiation in glioblastoma preclinical models. Tumor Biol 2017. Doi 10.1177/1010428317695528.



-Gravina GL, Marampon F, Sanità P, Festuccia C, Forcella C, scarsella L, Jitauric A, **Vetuschi A**, Sferra R, Colapietro A, Carosa R, Dolci S, Lenzi A, Iannini EA. Episode-like pulse testosterone supplementation induces tumor senescence and growth arrest down-modulating androgen receptor through modulation of p-ERK1/2, pARser81 and CDK1 signaling: biological implications for men treated with testosterone replacement therapy. *Oncotarget* 2017, 30; 8(69):113806. Doi 10.18632/oncotarget 22776.

-Cinque L, De Santis A, Di Giamberardino P, Iacovello D, Placidi G, Pompili S, Sferra R, Spaziale M, **Vetuschi A**.
Design of a Classification Strategy for Light Microscopy Images of the Human Liver.
Image Analysis and Processing 2017. Doi: org/10.1007/978-3-319-68560-1_56.

-Di Emidio G, Rossi G, Bonomo I, Alonso GL, Sferra R, **Vetuschi A**, Artini PG, Provenzani A, Falone S, Carta G, D'Alessandro AM, Amicarelli F, Tatone C. The natural carotenoid crocetin and the synthetic tellurium compound AS101 protect the ovary against cyclophosphamide by modulating SIRT1 and mitochondrial markers.
Oxid Med Cell Longev. 2017 doi:10.1155/2017/8928604.

Tessitore A, Mastroiaco V, **Vetuschi A**, Sferra R, Pompili S, Ciccarelli G, Bernabei R, Capece D, Zazzeroni F, Capalbo C, Alesse E. Development of hepatocellular cancer induced by long term low fat-high carbohydrate diet in a NAFLD/NASH mouse model.
Oncotarget 2017,21;8:53482-53494.doi:10.18632/oncotarget.18585.

Sferra R, Pompili S, Festuccia C, Marampon F, Gravina GL, Ventura L, Di Cesare E, Cicchinelli S, Gaudio E, **Vetuschi A**.The possible prognostic role of histone deacetylase and transforming growth factor β /Smad signaling in high grade gliomas treated by radio-chemotherapy: a preliminary immunohistochemical study.
Eur J Histochem 2017, 61(2): 69-105. doi: 10.4081/ejh.2017.2732

-Marampon F, Megiorni F, Camero S, Crescioli C, McDowell HP, Sferra R, **Vetuschi A**, Pompili S, Ventura L, De Felice F, Tombolini V, Dominici C, Maggio R, Festuccia C, Gravina GL. HDAC4 and HDAC6 sustain DNA double strand break repair and stem-like phenotype by promoting radioresistance in glioblastoma cells.
Cancer Lett. 2017 Jul 1;397:1-11. doi: 10.1016/j.canlet.2017.03.028.

-Di Gregorio J, Sferra R, Specca S, **Vetuschi A**, Dubuquoy C, Desreumaux P, Pompili S, Cristiano L, Gaudio E, Flati V, Latella G.
Role of glycogen synthase kinase-3 β and PPAR- γ on epithelial-to-mesenchymal transition in DSS-induced colorectal fibrosis.
*PLoS One.*2017 Feb 16;12(2):e0171093.doi:



10.1371/journal.pone.0171093.s

-Gravina GL, Mancini A, Mattei C, Vitale F, Marampon F, Colapietro A, Rossi G, Ventura L, **Vetuschi A**, Di Cesare E, Fox JA, Festuccia C.

Enhancement of radiosensitivity by the novel anticancer quinolone derivative vasaroxin in preclinical glioblastoma models.

Oncotarget 2017; 8(18): 29865-29886. Doi: 10.18632/oncotarget.16168.

Marampon F, Gravina GL, Ju X, **Vetuschi A**, Sferra R, Casimiro MC, Pompili S, Festuccia C, Colapietro A, Gaudio E, Di Cesare E, Tombolini V, Pestell RG. Cyclin D1 silencing suppresses tumorigenicity, impairs DNA double strand break repair and thus radiosensitizes androgen-independent prostate cancer cells to DNA damage. Oncotarget 2016 Sep 27;7(39):64526. Doi:10.18632/oncotarget.12267.

Sferra R, **Vetuschi A**, Pompili S, Gaudio E, Specca S, Latella G.

Expression of pro-fibrotic and anti-fibrotic molecules in dimethylnitrosamine-induced hepatic fibrosis. Pathol Res Pract.2016 doi:10.1016/j.prp.2016.11.004.

-Mancinelli R, Franchitto A, Glaser S, **Vetuschi A**, Venter J, Sferra R, Pannarale L, Oliviero F, Carpino G, Alpini G, Onori P, Gaudio E. Vasopressin regulates the growth of the biliary epithelium in polycystic liver disease. Lab Invest, 2016, 6(11):1147-1155. Doi: 10.1038/labinvest.2016.93.

-**Vetuschi A**, D'Alfonso A, Sferra R, Zanelli D, Pompili S, Patacchiola F, Gaudio E, Carta G. Changes in muscularis propria of anterior vaginal wall in women with pelvic organ prolapse. Eur J Histochem.2016 Feb 16;60(1):2604. doi: 10.4081/ejh.2016.2604.

-Tessitore A, Cicciarelli G, Del Vecchio F, Gaggiano A, Verzella D, Fischietti M, Mastroiaco V, **Vetuschi A**, Sferra R, Barnabei R, Capece D, Zazzeroni F, Alesse E. MicroRNA expression analysis in high fat diet-induced NAFLD-NASH-HCC progression: study on C57BL/6J mice.

BMC Cancer. 2016 Jan 5;16:3. doi: 10.1186/s12885-015-2007-1

-Specca S, Rousseaux C, Dubuquoy C, Rieder F, **Vetuschi A**, Sferra R, Giusti I, Bertin B, Dubuquoy L, Gaudio E, Desreumaux P, Latella G

The novel PPAR γ Modulator GED-0507-34Levo ameliorates inflammation – driven intestinal fibrosis. Inflamm Bowel Dis. 2016 Feb;22(2):279-92.

-Mancinelli R, Glaser S, Francis H, Carpino G, Franchitto A, **Vetuschi A**, Sferra R, Pannarale L, Venter J, Meng F, Alpini G, Onori P, Gaudio E. Ischemia reperfusion of the hepatic artery induces the functional damage of



large bile ducts by changes in the expression of angiogenic factors. *Am J Physiol Gastrointest Liver Physiol.* 2015 Dec 1;309(11):G865-73. doi: 10.1152/ajpgi.00015.2015.

Severi C, Sferra R, Scirocco A, **Vetuschi A**, Pallotta N, Pronio A, Caronna R, Di Rocco G, Gaudio E, Corazziari E, Onori P
Contribution of intestinal smooth muscle to Crohn's disease fibrogenesis. *Eur J Histochem* 2014, 17;58(4):2457
doi: 10.4081/ejh.2014.2457.

Sferra R, Fagnoli MC, Corbelli E, Pellegrini C, Peris K, Gaudio E, **Vetuschi A**. Immunopathogenesis of psoriasis: a possible role of TGF β /Smads pathway. *Ital J Anat Embryol.* 2014;119(3):277-85.

-**Vetuschi A**, Latella G, Pompili S, Gaudio E, Sferra R. Features of intestinal lesions in the clinical course of Inflammatory Bowel Diseases. *Ital J Anat Embryol.* 2014;119(3):286-303.

-Latella G, **Vetuschi A**, Sferra R, Specca S, Gaudio E. Localization of $\alpha\text{v}\beta 6$ integrin- TGF β /Smad3, mTOR and PPAR γ in experimental colorectal fibrosis. *Eur J Histochem.* 2013 Dec 4;57(4):e40.doi:10.4081/ejh.2013.e40

-Latella G, Sferra R, Specca S, **Vetuschi A**, Gaudio E. Can we prevent, reduce or reverse intestinal fibrosis in IBD? *Eur Rev Med Pharmacol SCI.* 2013, 17 (10): 1283-304.

-Sferra R, **Vetuschi A**, Catitti V, Ammanniti S, Pompili S, Melideo D, Frieri G, Gaudio E, Latella G. *Boswellia serrata* and *Salvia miltiorrhiza* extracts reduce DMN-induced hepatic fibrosis in mice by TGF-beta1 downregulation. *Eur Rev Med Pharmacol Sci.* 2012, 16(11):1484-98.

-Glaser S, Onori P, Gaudio E, Ueno Y, Pannarale L, Franchitto A, Francis H, Mancinelli R, Carpino G, Venter J, White M, Kopriva S, **Vetuschi A**, Sferra R, Alpini G. Taurocholic acid prevents biliary damage induced by hepatic artery ligation in cholestatic rats. *Dig Liver Dis.* 2010 Oct;42(10):709-17.

-Francis H, Onori P, Gaudio E, Franchitto A, DeMorrow S, Venter J, Kopriva S, Carpino G, Mancinelli R, White M, Meng F, **Vetuschi A**, Sferra R, Alpini G. H3 histamine receptor-mediated activation of protein kinase Calpha inhibits the growth of cholangiocarcinoma in vitro and in vivo. *Mol Cancer Res.* 2009 Oct;7(10):1704-13.

-Latella G, **Vetuschi A**, Sferra R, Catitti V, D'Angelo A, Zanninelli G, Flanders KC, Gaudio E. Targeted disruption of Smad3 confers resistance to the development of dimethylnitrosamine-induced hepatic fibrosis in mice.



Liver Int. 2009 Aug;29(7):997-1009.

-Latella G, **Vetuschi A**, Sferra R, Zanninelli G, D'Angelo A, Catitti V, Caprilli R, Flanders KC, Gaudio E. Smad3 loss confers resistance to the development of trinitrobenzene sulfonic acid-induced colorectal fibrosis.

Eur J Clin Invest. 2009 Feb;39(2):145-56.

Latella G, Sferra R, **Vetuschi A**, Zanninelli G, D'Angelo A, Catitti V, Caprilli R, Gaudio E. Prevention of colonic fibrosis by Boswellia and Scutellaria extracts in rats with colitis induced by 2,4,5-trinitrobenzene sulphonic acid.

Eur J Clin Invest. 2008 Jun;38(6):410-20.

-Tacconelli A, Farina AR, Cappabianca L, Cea G, Panella S, Chioda A, Gallo R, Cinque B, Sferra R, **Vetuschi A**, Campese AF, Screpanti I, Gulino A, Mackay AR. TrkAIII expression in the thymus. J Neuroimmunol. 2007 Feb;183(1-2):151-61.

-Zanninelli G, **Vetuschi A**, Sferra R, D'Angelo A, Fratticci A, Continenza MA, Chiamonte M, Gaudio E, Caprilli R, Latella G.

Smad3 knock-out mice as a useful model to study intestinal fibrogenesis.

World J Gastroenterol. 2006 Feb 28;12(8):1211-8.

-**Vetuschi A**, Sferra R, Latella G, D'Angelo A, Catitti V, Zanninelli G, Continenza MA, Gaudio E. Smad3-null mice lack interstitial cells of Cajal in the colonic wall.

Eur J Clin Invest. 2006 Jan;36(1):41-8.

-Tacconelli A, Farina AR, Cappabianca L, Desantis G, Tessitore A, **Vetuschi A**, Sferra R, Rucci N, Argenti B, Screpanti I, Gulino A, Mackay AR. TrkA alternative splicing: a regulated tumor-promoting switch in human neuroblastoma. Cancer Cell. 2004 Oct;6(4):347-60.

-D'Antonio D, Parruti G, Pontieri E, Di Bonaventura G, Manzoli L, Sferra R, **Vetuschi A**, Piccolomini R, Romano F, Staniscia T. Slime production by clinical isolates of Blastoschizomyces capitatus from patients with hematological malignancies and catheter-related fungemia.

Eur J Clin Microbiol Infect Dis. 2004 Oct;23(10):787-9.

-**Vetuschi A**, Latella G, Sferra R, Caprilli R, Gaudio E.

Increased proliferation and apoptosis of colonic epithelial cells in dextran sulfate sodium-induced colitis in rats. Dig Dis Sci. 2002 Jul;47(7):1447-57.

-D'Antonio D, Romano F, Pontieri E, Fioritoni G, Caracciolo C, Bianchini S, Oliosio P, Staniscia T, Sferra R, Boccia S, **Vetuschi A**, Federico G, Gaudio E, Carruba G. Catheter-related candidemia caused by Candida lipolytica in



a patient receiving allogeneic bone marrow transplantation.

J Clin Microbiol. 2002 Apr;40(4):1381-6.

-Alpini D, Onori P, Franchitto A, Glaser S, LeSage G, Gigliozzi A, **Vetuschi A**, Morini S, Attili AF, Gaudio E.

Effect of ovariectomy on the proliferative capacity of intrahepatic rat cholangiocytes. Gastroenterology 2002; 123(1): 336-44.

-Onori P, Franchitto A, Sferra R, **Vetuschi A**, Gaudio E.

Peyer's patches epithelium in the rat: a morphological, immunohistochemical, and morphometrical study.

Dig Dis Sci. 2001 May;46(5):1095-104.

-Baldi A, Calia E Ciampini A, Riccio M, **Vetuschi A**, Persico AM, Keller F.

Deafferentation induced apoptosis of neurons in thalamic somatosensory nuclei of the new born rat: critical period and rescue from cell death by peripherally applied neurotrophins. Eur J Neurosci 2000; 12(7):2281-80.

-Gaudio E, Taddei G, **Vetuschi A**, Sferra R, Frieri G, Ricciardi G, Caprilli R.

Dextran sulfate sodium (DSS) colitis in rats: clinical, structural, and ultrastructural aspects. Dig Dis Sci. 1999 Jul;44(7):1458-75.

-D'Antonio D, Romano F, Iacone A, Violante B, Fazii P, Pontieri E, Staniscia T, Caracciolo C, Bianchini S, Sferra R, **Vetuschi A**, Gaudio E, Carruba G.

Onychomycosis caused by Blastoschizomyces capitatus. J Clin Microbiol. 1999 Sep;37(9):2927-30.

-**Vetuschi A**, Sferra R, Gaudio E. Apoptosis in normal and pathological liver.

EOS, rivista di immunologia ed immunofarmacologia, 1999, 19 (3-4):117-122.

-Iwashiro K, Criniti A, Sinatra R, Dawodu AA, D'Amati G, Monti F, Pannarale L, Bernucci P, Brancaccio GI, **Vetuschi A**, Gaudio E, Gatto P, Puddu PE.

Felodipine protects human atrial muscle from hypoxia reoxygenation dysfunction: a force-frequency relationship study in an in vitro model of stunning. Int J Cardiol 1997; 20:62(2): 107-32.

-**Vetuschi A**, Bellussi L, Sferra R, Ferri R, Gaudio E, Passali D.

Morphological, morphometric and histochemical pictures of non allergic nasal polyps. Rivista Italiana di Otorinolaringologia, Audiologia e Foniatria 1996, 16 (1-2): 67-79.

-Passali D, Buccella MG, **Vetuschi A**, Bellussi L. Nasal vascularization experiences using the microcorrosion technique in human fetuses.

Rhinology 1992; 30(2):81-8.



UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA



DISCAB
Dipartimento di Scienze
Cliniche Applicate
e Biotecnologiche

- | | |
|--|---|
| | <p>-Vetuschi A, Buccella MG, Carapucci U, Brandimarte F, Ferri R. Indications of antibiotic prophylaxis in the surgery of ENT district. Rivista Italiana di Otorinolaringologia, Audiologia e Foniatria, 1991, 11 (2):133-136.</p> <p>-Passali D, Buccella MG, Vetuschi A, Bellussi L. Arteriovenous anastomosis in nasal cavities using microcorrosion technique. Acta Otorhinolaryngol Ital 1990; 10(5):453-63.</p> <p>-Bellussi L, Lauriello M, Vetuschi A, Passali D. Is the antibiotic prophylaxis indicated during “clean” surgery in the ENT district? Rivista Italiana di Otorinolaringologia, Audiologia e Foniatria, 1990, 10 (3):187-194.</p> |
|--|---|

L'Aquila March 27, 2024