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### **CURRICULUM**

- 1992 Diploma di Maturità Classica c/o il liceo Valsalice di Torino, con votazione di 58/60;
- 1998 Diploma di Laurea in Medicina e Chirurgia conseguito c/o l'Università degli Studi di Torino, con votazione di 110/110 e lode;
- 1999 Abilitazione Professionale ed iscrizione all'Albo Professionale dei medico-chirurghi della Provincia di Torino;
- 2003 Specializzazione in Medicina Interna, indirizzo Medicina d'Urgenza, presso l'Università degli Studi di Torino, con votazione di 70/70 e lode;
- 2006- Ricercatore in Medicina Interna (SSD MED/09) presso l'Università degli Studi del Piemonte Orientale "A. Avogadro"; convenzionato con la Clinica Medica Generale dell'Azienda Ospedaliero Universitaria "Maggiore della Carità" di Novara;
- 2008- Dottorato di Ricerca in Medicina Molecolare presso la Facoltà di Medicina e Chirurgia dell'Università degli Studi del Piemonte Orientale "Amedeo Avogadro".

### **PUBBLICAZIONI SCIENTIFICHE**

- 1: Borgogna C, Toniutto P, Smirne C, Azzimonti B, Rittà M, Avellini C, Fabris C, Landolfo S, Gariglio M, Pirisi M. Expression of the interferon-inducible proteins MxA and IFI16 in liver allografts. *Histopathology*. 2009 Jun;54(7):837-46. PubMed PMID: 19635103.
- 2: Fabris C, Smirne C, Fangazio S, Toniutto P, Burlone M, Minisini R, Bitetto D, Falletti E, Cerutti A, Pirisi M. Influence of angiotensin-converting enzyme I/D gene polymorphism on clinical and histological correlates of chronic hepatitis C. *Hepatology Res*. 2009 Aug;39(8):795-804. Epub 2009 Apr 23. PubMed PMID: 19456900.
- 3: Stratta P, Smirne C, Fangazio S, Cornella C, Lazzarich E, Minisini R, Toniutto P, Fabris C, Barbé C, Pirisi M. ACE genotype, body weight changes and target organ damage in renal transplant recipients. *J Nephrol*. 2008 Nov-Dec;21(6):879-86. PubMed PMID: 19034872.

- 4: Fabris C, Smirne C, Toniutto P, Colletta C, Rapetti R, Minisini R, Falleti E, Leutner M, Pirisi M. Usefulness of six non-proprietary indirect markers of liver fibrosis in patients with chronic hepatitis C. *Clin Chem Lab Med*.2008;46(2):253-9. PubMed PMID: 18324909.
- 5: Colletta C, Smirne C, Marini C, Pirisi M. Liver biopsy and noninvasive alternatives in relationship to the duration of antiviral treatment for hepatitis C. *J Clin Gastroenterol*. 2008 Feb;42(2):219-20. PubMed PMID: 18209600.
- 6: Toniutto P, Fabris C, Bitetto D, Falleti E, Avellini C, Rossi E, Smirne C, Minisini R, Pirisi M. Role of AST to platelet ratio index in the detection of liver fibrosis in patients with recurrent hepatitis C after liver transplantation. *J Gastroenterol Hepatol*. 2007 Nov;22(11):1904-8. PubMed PMID: 17914968.
- 7: Fabris C, Toniutto P, Bitetto D, Minisini R, Fornasiere E, Smirne C, Pirisi M. Sex-related influence of angiotensin-converting enzyme polymorphisms on fibrosis progression due to recurrent hepatitis C after liver transplantation. *J Gastroenterol*. 2007 Jul;42(7):543-9. Epub 2007 Jul 25. PubMed PMID: 17653650.
- 8: Falleti E, Fabris C, Toniutto P, Fontanini E, Cussigh A, Caldato M, Rossi E, Bitetto D, Minisini R, Smirne C, Pirisi M. Genetic polymorphisms of inflammatory cytokines and liver fibrosis progression due to recurrent hepatitis C. *J Interferon Cytokine Res*. 2007 Mar;27(3):239-46. PubMed PMID: 17348823.
- 9: Bellone G, Smirne C, Carbone A, Buffolino A, Scirelli T, Prati A, Solerio D, Pirisi M, Valente G, Nano M, Emanuelli G. KIT/stem cell factor expression in premalignant and malignant lesions of the colon mucosa in relationship to disease progression and outcomes. *Int J Oncol*. 2006 Oct;29(4):851-9. PubMed PMID: 16964380.
- 10: Bellone G, Carbone A, Busso V, Scirelli T, Buffolino A, Smirne C, Novarino A, Bertetto O, Tosetti L, Emanuelli G. Antagonistic interactions between gemcitabine and 5-fluorouracil in the human pancreatic carcinoma cell line Capan-2. *Cancer Biol Ther*. 2006 Oct;5(10):1294-303. Epub 2006 Oct 4. PubMed PMID: 16929163.
- 11: Bellone G, Carbone A, Smirne C, Scirelli T, Buffolino A, Novarino A, Stacchini A, Bertetto O, Palestro G, Sorio C, Scarpa A, Emanuelli G, Rodeck U. Cooperative induction of a tolerogenic dendritic cell phenotype by cytokines secreted by pancreatic carcinoma cells. *J Immunol*. 2006 Sep 1;177(5):3448-60. PubMed PMID: 16920987.
- 12: Pirisi M, Salvador E, Bisoffi Z, Gobbo M, Smirne C, Gigli C, Minisini R, Fortina G, Bellomo G, Bartoli E. Unsuspected strongyloidiasis in hospitalised elderly patients with and without eosinophilia. *Clin Microbiol Infect*. 2006 Aug;12(8):787-92. PubMed PMID: 16842575.
- 13: Smirne C, Camandona M, Alabiso O, Bellone G, Emanuelli G. [High serum levels of Transforming Growth Factor-beta1, Interleukin-10 and Vascular Endothelial Growth Factor in pancreatic adenocarcinoma patients]. *Minerva Gastroenterol Dietol*. 1999 Mar;45(1):21-7. Italian. PubMed PMID: 16498312.
- 14: Fabris C, Smirne C, Toniutto P, Colletta C, Rapetti R, Minisini R, Falleti E, Pirisi M. Assessment of liver fibrosis progression in patients with chronic hepatitis C and normal alanine aminotransferase values: the role of AST to the platelet ratio index. *Clin Biochem*. 2006 Apr;39(4):339-43. Epub 2006 Feb 20. PubMed PMID: 16487951.
- 15: Fabris C, Toniutto P, Bitetto D, Minisini R, Smirne C, Caldato M, Pirisi M. Low fibrosis progression of recurrent hepatitis C in apolipoprotein E epsilon4 carriers: relationship with the blood lipid profile. *Liver Int*. 2005 Dec;25(6):1128-35. PubMed PMID: 16343062.
- 16: Toniutto P, Fabris C, Avellini C, Minisini R, Bitetto D, Rossi E, Smirne C, Pirisi M. Excess body weight, liver steatosis, and early fibrosis progression due to hepatitis C recurrence after liver transplantation. *World J Gastroenterol*. 2005 Oct 14;11(38):5944-50. PubMed PMID: 16273604.
- 17: Colletta C, Smirne C, Fabris C, Toniutto P, Rapetti R, Minisini R, Pirisi M. Value of two noninvasive methods to detect progression of fibrosis among HCV carriers with normal aminotransferases. *Hepatology*. 2005 Oct;42(4):838-45. PubMed PMID: 16121354.
- 18: Bellone G, Smirne C, Mauri FA, Tonel E, Carbone A, Buffolino A, Dughera L, Robecchi A, Pirisi M, Emanuelli G. Cytokine expression profile in human pancreatic carcinoma cells and in surgical specimens:

implications for survival. *Cancer Immunol Immunother.* 2006 Jun;55(6):684-98. Epub 2005 Aug 11. PubMed PMID: 16094523.

19: Toniutto P, Fabris C, Minisini R, Apollonio L, Fumo E, Caldato M, Smirne C, Pirisi M. Weight gain after liver transplantation and the insertion/deletion polymorphism of the angiotensin-converting enzyme gene. *Transplantation.* 2005 May 27;79(10):1338-43. PubMed PMID: 15912101.

20: Carbone A, Rodeck U, Mauri FA, Sozzi M, Gaspari F, Smirne C, Prati A, Addeo A, Novarino A, Robecchi A, Bertetto O, Emanuelli G, Bellone G. Human pancreatic carcinoma cells secrete bioactive interleukin-18 after treatment with 5-fluorouracil: implications for anti-tumor immune response. *Cancer Biol Ther.* 2005 Feb;4(2):231-41. Epub 2005 Feb 2. PubMed PMID: 15684607.

21: Griro R, Bello L, Smirne C, D'Addato F, Latino MA, Corvetto L, De Intinis G, Spagnolo E, Maffei S, Leotta E. *Chlamydia trachomatis* prevalence in North-West Italy. *Minerva Ginecol.* 2004 Oct;56(5):401-6. PubMed PMID: 15531857.

22: Griro R, Smirne C, Leotta E, Bello L, Lanza A, Messina M, Caneparo A, Perugini L. Acquired post partum hemophilia. *Panminerva Med.* 2004 Sep;46(3):201-3. Review. PubMed PMID: 15510089.

23: Griro R, Latino MA, Leotta E, Smirne C, Lanza A, Spagnolo E, Perozziello A, Caneparo A, Bello L, Lerro R. Sexually transmitted diseases and pelvic inflammatory disease. *Minerva Ginecol.* 2004 Apr;56(2):141-7. PubMed PMID: 15258543.

24: Bellone G, Tibaudi D, Carbone A, Smirne C, Busso V, Ferrero I, Bosco O, Gramigni C, Segir R, Pagano M, Camandona M, Nano M, Palestro G, Dei Poli M, Emanuelli G. [The c-kit/Stem Cell Factor in the cancerogenetic process of colon-rectal carcinoma. Biological and clinical aspects]. *Minerva Chir.* 2003 Dec;58(6):875-80. Italian. PubMed PMID: 14663421.

25: Busso V, Smirne C, Ferrero I, Segir R, Abrate S, Bellone G, Emanuelli G. [The pro-apoptotic factors Fas Ligand and Trail. Molecular mechanisms, physiopathological role and therapeutic potential]. *Minerva Med.* 2001 Apr;92(2):99-111. Review. Italian. PubMed PMID: 11323572.

26: Bellone G, Carbone A, Sibona N, Bosco O, Tibaudi D, Smirne C, Martone T, Gramigni C, Camandona M, Emanuelli G, Rodeck U. Aberrant activation of c-kit protects colon carcinoma cells against apoptosis and enhances their invasive potential. *Cancer Res.* 2001 Mar 1;61(5):2200-6. PubMed PMID: 11280787.

27: Bellone G, Carbone A, Tibaudi D, Mauri F, Ferrero I, Smirne C, Suman F, Rivetti C, Migliaretti G, Camandona M, Palestro G, Emanuelli G, Rodeck U. Differential expression of transforming growth factors-beta1, -beta2 and -beta3 in human colon carcinoma. *Eur J Cancer.* 2001 Jan;37(2):224-33. PubMed PMID: 11166150.

28: Bellone G, Smirne C, Carbone A, Mareschi K, Dughera L, Farina EC, Alabiso O, Valente G, Emanuelli G, Rodeck U. Production and pro-apoptotic activity of soluble CD95 ligand in pancreatic carcinoma. *Clin Cancer Res.* 2000 Jun;6(6):2448-55. PubMed PMID: 10873098.

29: Rosso E, Smirne C, Papalia E, Rena O, Ruffini E, Oliaro A. [The surgical treatment of lung metastases. The prognostic factors and the indications for the surgical approach]. *Minerva Chir.* 1999 Jul-Aug;54(7-8):495-500. Italian. PubMed PMID: 10528482.

30: Smirne C, Camandona M, Rosso E, Bellone G, Emanuelli G. [Vascular endothelial growth factor. From basic research to clinical application]. *Minerva Med.* 1999 Jan-Feb;90(1-2):15-23. Review. Italian. PubMed PMID: 10388459.

#### *Orario di Ricevimento*

*-quando: da lunedì a venerdì*

*-dove: presso il Laboratorio della Clinica Medica(Padiglione E) o presso il Reparto di Clinica Medica (Padiglione A)*

*-modalità: previo accordo via email (carlo.smirne@med.unipmn.i)*

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