

## **Pubblicazioni su riviste internazionali**

### **1. Emergence of KPC-producing Klebsiella pneumoniae in Italy.**

Fontana C, Favaro M, Sarmati L, Natoli S, Altieri A, Bossa MC, Minelli S, Leonardis F, Favalli C.

**BMC Res Notes.** 2010 Feb 23;3:40.

### **2. Comparison of the eSwab collection and transportation system to an amies gel transystem for Gram stain of clinical specimens.**

Fontana C, Favaro M, Limongi D, Pivonkova J, Favalli C.

**BMC Res Notes.** 2009 Dec 10;2:244.

### **3. A novel culturing system for fluid samples.**

Fontana C, Favaro M, Minelli S, Bossa MC, Altieri A, Favalli C.

**Med Sci Monit.** 2009 Feb;15(2):BR55-60.

### **4. Proteomic investigation in A549 lung cell line stably infected by HPV16E6/E7 oncogenes.**

Ciotti M, Marzano V, Giuliani L, Nuccetelli M, D'Aguanno S, Azzimonti B, Bernardini S, Perno CF, Urbani A, Favalli C, Federici G.

**Respiration.** 2009;77(4):427-39. Epub 2008 Nov 20.

### **5. Co-expression of HSV2 and Chlamydia trachomatis in HPV-positive cervical cancer and cervical intraepithelial neoplasia lesions is associated with aberrations in key intracellular pathways.**

Paba P, Bonifacio D, Di Bonito L, Ombres D, Favalli C, Syrjänen K, Ciotti M.

**Intervirology.** 2008;51(4):230-4. Epub 2008 Sep 24.

### **6. Clinical and epidemiological correlates of antibody response to human papillomaviruses (HPVs) as measured by a novel ELISA based on denatured recombinant HPV16 late (L) and early (E) antigens.**

Giorgi C, Di Bonito P, Grasso F, Mochi S, Accardi L, Donà MG, Branca M, Costa S, Mariani L, Agarossi A, Ciotti M, Syrjänen K; HPV-PathogenISS group.

**Infect Agent Cancer.** 2008 Jun 26;3:9.

**7.** Acinetobacter baumannii in intensive care unit: a novel system to study clonal relationship among the isolates.

Fontana C, Favaro M, Minelli S, Bossa MC, Testore GP, Leonardis F, Natoli S, Favalli C.

**BMC Infect Dis.** 2008 Jun 8;8:79.

**8.** Detection of oncogenic DNA viruses in colorectal cancer.

Giuliani L, Ronci C, Bonifacio D, Di Bonito L, Favalli C, Perno CF, Syrjänen K, Ciotti M.

**Anticancer Res.** 2008 Mar-Apr;28(2B):1405-10.

**9.** Predicting high-risk human papillomavirus infection, progression of cervical intraepithelial neoplasia, and prognosis of cervical cancer with a panel of 13 biomarkers tested in multivariate modeling.

Branca M, Ciotti M, Giorgi C, Santini D, Di Bonito L, Costa S, Benedetto A, Bonifacio D, Di Bonito P, Paba P, Accardi L, Syrjänen S, Favalli C, Syrjänen K; HPV-PathogenISS Study Group.

**Int J Gynecol Pathol.** 2008 Apr;27(2):265-73.

**10.** Human papillomavirus infections in lung cancer. Detection of E6 and E7 transcripts and review of the literature.

Giuliani L, Favalli C, Syrjanen K, Ciotti M.

**Anticancer Res.** 2007 Jul-Aug;27(4C):2697-704. Review.

**11.** BK virus DNA detection by real-time polymerase chain reaction in clinical specimens.

Marchetti S, Graffeo R, Siddu A, Santangelo R, Ciotti M, Picardi A, Favalli C, Fadda G, Cattani P.

**New Microbiol.** 2007 Apr;30(2):119-26.

**12.** Thymosin alpha 1: from bench to bedside.

Garaci E, Favalli C, Pica F, Sinibaldi Vallebona P, Palamara AT, Matteucci C, Pierimarchi P, Serafino A, Mastino A, Bistoni F, Romani L, Rasi G.

**Ann N Y Acad Sci.** 2007 Sep;1112:225-34. Epub 2007 Jun 28.

**13.** The combined use of VIGI@ct (bioMérieux) and fluorescent amplified length fragment polymorphisms in the investigation of potential outbreaks.

Fontana C, Favaro M, Pistoia ES, Minelli S, Bossa MC, Altieri A, Testore GP, Leonardi F, Natoli S, Favalli C.

**J Hosp Infect.** 2007 Jul;66(3):262-8. Epub 2007 Jun 1.

**14. Detection of oncogenic viruses SV40, BKV, JCV, HCMV, HPV and p53 codon 72 polymorphism in lung carcinoma.**

Giuliani L, Jaxmar T, Casadio C, Gariglio M, Manna A, D'Antonio D, Syrjanen K, Favalli C, Ciotti M.

**Lung Cancer.** 2007 Sep;57(3):273-81. Epub 2007 Apr 2.

**15. Apoptotic cell signaling in lymphocytes from HIV+ patients during successful therapy.**

Grelli S, Balestrieri E, Matteucci C, Minutolo A, D'Ettorre G, Lauria F, Montella F, Vullo V, Vella S, Favalli C, Mastino A, Macchi B.

**Ann N Y Acad Sci.** 2006 Dec;1090:130-7.

**16. Apoptosis-associated gene expression in HIV-infected patients in response to successful antiretroviral therapy.**

Balestrieri E, Grelli S, Matteucci C, Minutolo A, d'Ettorre G, Di Sora F, Montella F, Vullo V, Vella S, Favalli C, Macchi B, Mastino A.

**J Med Virol.** 2007 Feb;79(2):111-7.

**17. Up-regulation of proliferating cell nuclear antigen (PCNA) is closely associated with high-risk human papillomavirus (HPV) and progression of cervical intraepithelial neoplasia (CIN), but does not predict disease outcome in cervical cancer.**

Branca M, Ciotti M, Giorgi C, Santini D, Di Bonito L, Costa S, Benedetto A, Bonifacio D, Di Bonito P, Paba P, Accardi L, Syrjänen S, Favalli C, Syrjänen K; HPV-PathogenISS Study Group.

**Eur J Obstet Gynecol Reprod Biol.** 2007 Feb;130(2):223-31. Epub 2006 Nov 13.

**18. Comparison of DNA sequencing and Roche Linear array in human papillomavirus (HPV) genotyping.**

Giuliani L, Coletti A, Syrjänen K, Favalli C, Ciotti M.

**Anticancer Res.** 2006 Sep-Oct;26(5B):3939-41.

**19. The p53 codon 72 arg/arg homozygous women in central Italy are at increased risk for HPV infections.**

Ciotti M, Coletti A, Giuliani L, Cappiello G, Syrjanen K, Favalli C.

**Anticancer Res.** 2006 Sep-Oct;26(5B):3745-8.

**20.** Upregulation of telomerase (hTERT) is related to the grade of cervical intraepithelial neoplasia, but is not an independent predictor of high-risk human papillomavirus, virus persistence, or disease outcome in cervical cancer.

Branca M, Giorgi C, Ciotti M, Santini D, Di Bonito L, Costa S, Benedetto A, Bonifacio D, Di Bonito P, Paba P, Accardi L, Mariani L, Ruutu M, Syrjänen S, Favalli C, Syrjänen K.

**Diagn Cytopathol.** 2006 Nov;34(11):739-48.

**21.** Over-expression of topoisomerase IIalpha is related to the grade of cervical intraepithelial neoplasia (CIN) and high-risk human papillomavirus (HPV), but does not predict prognosis in cervical cancer or HPV clearance after cone treatment.

Branca M, Giorgi C, Ciotti M, Santini D, Di Bonito L, Costa S, Benedetto A, Bonifacio D, Di Bonito P, Paba P, Accardi L, Mariani L, Ruutu M, Syrjänen SM, Favalli C, Syrjänen K; HPV-PathogenISS Study Group.

**Int J Gynecol Pathol.** 2006 Oct;25(4):383-92

**22.** Entire genome of a strain of human immunodeficiency virus type 1 with a deletion of nef that was recovered 20 years after primary infection: large pool of proviruses with deletions of env.

Calugi G, Montella F, Favalli C, Benedetto A.

**J Virol.** 2006 Dec;80(23):11892-6. Epub 2006 Sep 20.

**23.** Upregulation of nuclear factor-kappaB (NF-kappaB) is related to the grade of cervical intraepithelial neoplasia, but is not an independent predictor of high-risk human papillomavirus or disease outcome in cervical cancer.

Branca M, Giorgi C, Ciotti M, Santini D, Di Bonito L, Costa S, Benedetto A, Bonifacio D, Di Bonito P, Paba P, Accardi L, Mariani L, Ruutu M, Syrjänen S, Favalli C, Syrjänen K; HPV-Pathogen ISS Study Group.

**Diagn Cytopathol.** 2006 Aug;34(8):555-63.

**24.** Down-regulation of E-cadherin is closely associated with progression of cervical intraepithelial neoplasia (CIN), but not with high-risk human papillomavirus (HPV) or disease outcome in cervical cancer.

Branca M, Giorgi C, Ciotti M, Santini D, Di Bonito L, Costa S, Benedetto A, Bonifacio D, Di Bonito P, Paba P, Accardi L, Mariani L, Syrjänen S, Favalli C, Syrjänen K; HPV-PathogenISS Study Group.

**Eur J Gynaecol Oncol.** 2006;27(3):215-23.

**25.** Detection and expression of human papillomavirus oncogenes in non-small cell lung cancer.

Ciotti M, Giuliani L, Ambrogi V, Ronci C, Benedetto A, Mineo TC, Syrjänen K, Favalli C.

**Oncol Rep.** 2006 Jul;16(1):183-9.

**26.** Matrix metalloproteinase-2 (MMP-2) and its tissue inhibitor (TIMP-2) are prognostic factors in cervical cancer, related to invasive disease but not to high-risk human papillomavirus (HPV) or virus persistence after treatment of CIN.

Branca M, Ciotti M, Giorgi C, Santini D, Di Bonito L, Costa S, Benedetto A, Bonifacio D, Di Bonito P, Paba P, Accardi L, Syrjänen S, Favalli C, Syrjänen K; HPV-PathogenISS Study Group.

**Anticancer Res.** 2006 Mar-Apr;26(2B):1543-56.

**27.** Down-regulated nucleoside diphosphate kinase nm23-H1 expression is unrelated to high-risk human papillomavirus but associated with progression of cervical intraepithelial neoplasia and unfavourable prognosis in cervical cancer.

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**J Clin Pathol.** 2006 Oct;59(10):1044-51. Epub 2006 Mar 14.

**28.** Relationship of up-regulation of 67-kd laminin receptor to grade of cervical intraepithelial neoplasia and to high-risk HPV types and prognosis in cervical cancer.

Branca M, Giorgi C, Ciotti M, Santini D, Di Bonito L, Costa S, Benedetto A, Bonifacio D, Di Bonito P, Paba P, Accardi L, Mariani L, Syrjänen S, Favalli C, Syrjänen K; HPV-PathogenISS Study Group.

**Acta Cytol.** 2006 Jan-Feb;50(1):6-15.

**29.** Aberrant expression of VEGF-C is related to grade of cervical intraepithelial neoplasia (CIN) and high risk HPV, but does not predict virus clearance after treatment of CIN or prognosis of cervical cancer.

Branca M, Giorgi C, Santini D, Di Bonito L, Ciotti M, Benedetto A, Paba P, Costa S, Bonifacio D, Di Bonito P, Accardi L, Favalli C, Syrjänen K; HPV-Pathogen ISS Study Group.

**J Clin Pathol.** 2006 Jan;59(1):40-7.

**30.** Single or multiple HPV types in cervical cancer and associated metastases.

Ciotti M, Paba P, Bonifacio D, Di Bonito L, Benedetto A, Favalli C.

**Oncol Rep.** 2006 Jan;15(1):143-8.

**31.** Performance of strand displacement amplification assay in the detection of Chlamydia trachomatis and Neisseria gonorrhoeae.

Fontana C, Favaro M, Cicchetti O, Minelli S, Pistoia ES, Favalli C.

**Jpn J Infect Dis.** 2005 Oct;58(5):283-8.

**32.** In vivo and in vitro studies support that a new splicing isoform of OLR1 gene is protective against acute myocardial infarction.

Mango R, Biocca S, del Vecchio F, Clementi F, Sangiuolo F, Amati F, Filareto A, Grelli S, Spitalieri P, Filesi I, Favalli C, Lauro R, Mehta JL, Romeo F, Novelli G.

**Circ Res.** 2005 Jul 22;97(2):152-8. Epub 2005 Jun 23.

**33.** Survivin as a marker of cervical intraepithelial neoplasia and high-risk human papillomavirus and a predictor of virus clearance and prognosis in cervical cancer.

Branca M, Giorgi C, Santini D, Di Bonito L, Ciotti M, Costa S, Benedetto A, Casolati EA, Favalli C, Paba P, Di Bonito P, Mariani L, Syrjänen S, Bonifacio D, Accardi L, Zanconati F, Syrjänen K; HPV-Pathogen ISS Study Group.

**Am J Clin Pathol.** 2005 Jul;124(1):113-21.

**34.** Use of the MicroSeq 500 16S rRNA gene-based sequencing for identification of bacterial isolates that commercial automated systems failed to identify correctly.

Fontana C, Favaro M, Pelliccioni M, Pistoia ES, Favalli C.

**J Clin Microbiol.** 2005 Feb;43(2):615-9.

**35.** Assessment of risk factors and human papillomavirus (HPV) related pathogenetic mechanisms of CIN in HIV-positive and HIV-negative women. Study design and baseline data of the HPV-PathogenISS study.

Branca M, Costa S, Mariani L, Sesti F, Agarossi A, di Carlo A, Galati M, Benedetto A, Ciotti M, Giorgi C, Criscuolo A, Valieri M, Favalli C, Paba P, Santini D, Piccione E, Alderisio M, De Nuzzo M, di Bonito L, Syrjänen K.

**Eur J Gynaecol Oncol.** 2004;25(6):689-98.

**36.** Activation of the ERK/MAP kinase pathway in cervical intraepithelial neoplasia is related to grade of the lesion but not to high-risk human papillomavirus, virus clearance, or prognosis in cervical cancer.

Branca M, Ciotti M, Santini D, Bonito LD, Benedetto A, Giorgi C, Paba P, Favalli C, Costa S, Agarossi A, Alderisio M, Syrjänen K; HPV-Pathogen ISS Study Group.

**Am J Clin Pathol.** 2004 Dec;122(6):902-11.

**37. Human papillomavirus (HPV) testing in the management of women with abnormal Pap smears. Experience of a colposcopy referral clinic.**

Ciotti M, Sesti F, Paba P, Benedetto A, Patrizi L, Criscuolo A, Piccione E, Branca M, Syrjänen K, Favalli C.

**Eur J Gynaecol Oncol.** 2004;25(5):577-84.

**38. p16(INK4A) expression is related to grade of cin and high-risk human papillomavirus but does not predict virus clearance after conization or disease outcome.**

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**Int J Gynecol Pathol.** 2004 Oct;23(4):354-65.

**39. Polyoma virus BK and renal dysfunction in a transplanted population.**

Splendiani G, Cipriani S, Condò S, Paba P, Ciotti M, Favalli C, Vega A, Dominijanni S, Casciani CU.

**Transplant Proc.** 2004 Apr;36(3):713-5.

**40. CD4+ lymphocyte increases in HIV patients during potent antiretroviral therapy are dependent on inhibition of CD8+ cell apoptosis.**

Grelli S, D'Ettore G, Lauria F, Montella F, Di Traglia L, D'Agostini C, Lichtner M, Vullo V, Favalli C, Vella S, Macchi B, Mastino A.

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**41. Inverse correlation between CD8+ lymphocyte apoptosis and CD4+ cell counts during potent antiretroviral therapy in HIV patients.**

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**42. Detection of clarithromycin-resistant Helicobacter pylori in stool samples.**

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**43. Umbilical cord blood: the role of apoptosis in the control of CD34+ cell counts.**

Mastino A, Favalli C, Camilli AR, Malerba C, Grelli S, Calugi A.

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**44. New site of modification of 23S rRNA associated with clarithromycin resistance of *Helicobacter pylori* clinical isolates.**

Fontana C, Favaro M, Minelli S, Criscuolo AA, Pietroiusti A, Galante A, Favalli C.

**Antimicrob Agents Chemother.** 2002 Dec;46(12):3765-9.

**45. C-reactive protein is increased in patients with degenerative aortic valvular stenosis.**

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**46. Early and multiple Ac transpositions in rice suitable for efficient insertional mutagenesis.**

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**47. Changes in apoptosis after interruption of potent antiretroviral therapy in patients with maximal HIV-1-RNA suppression.**

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**48. Thymosin alpha 1 in the treatment of cancer: from basic research to clinical application.**

Garaci E, Pica F, Rasi G, Favalli C.

**Int J Immunopharmacol.** 2000 Dec;22(12):1067-76. Review.

**49. Spontaneous and anti-Fas-induced apoptosis in lymphocytes from HIV-infected patients undergoing highly active anti-retroviral therapy.**

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**50. Infection with *Helicobacter pylori* and leukocyte response in patients with myocardial infarction.**

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**51. Comparison of an enzyme immunoassay versus a rapid latex test for serodiagnosis of Helicobacter pylori infection.**

Fontana C, Pietroiusti A, Mastino A, Pistoia ES, Marino D, Magrini A, Galante A, Favalli C.

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**52. Thymosin-alpha1 regulates MHC class I expression in FRTL-5 cells at transcriptional level.**

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Fontana C, Favaro M, Frezza D, Favalli C.

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**55. Human Th1 and Th2 T-cell clones are equally susceptible to infection and immortalization by human T-lymphotropic virus type I.**

Macchi B, Grelli S, Matteucci C, D'Elios MM, De Carli M, Favalli C, Del Prete G, Mastino A.

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**56. Interleukin 4 stimulates infection and temporary growth of human neonatal lymphocytes exposed in vitro to human T-lymphotropic virus type I, but fails to substitute for interleukin 2 in the immortalization of infected cultures.**

Mastino A, Grelli S, Favalli C, Matteucci C, De Carli M, Garaci E, Macchi B.

**J Gen Virol.** 1997 Oct;78 ( Pt 10):2565-74.

**57. Simple enzymatic method for rapid identification of a Staphylococcus aureus subspecies aureus biovar.**

Fontana C, Laratta E, Marino D, Pistoia ES, Favalli C.

**Eur J Clin Microbiol Infect Dis.** 1997 Sep;16(9):689-92.

**58. Leucocyte rheological properties are altered in patients with diffuse atherosclerosis.**

Galante A, Pietrojasti A, Magrini A, Carta S, Franceschelli L, Piccolo P, Pistolese GR, Martelli E, Mastino A, Matteucci C, Grelli S, Favalli C.

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**60. AZT inhibits the transmission of human T cell leukaemia/lymphoma virus type I to adult peripheral blood mononuclear cells in vitro.**

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**62. Combination low-dose lymphoblastoid interferon and thymosin alpha 1 therapy in the treatment of chronic hepatitis B.**

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**63. Prostaglandin E2 induces apoptosis in resting immature and mature human lymphocytes: a c-Myc-dependent and Bcl-2-independent associated pathway.**

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**J Pharmacol Exp Ther.** 1996 Jun;277(3):1793-800.

**64. Efficacy of combination therapy with amantadine, thymosin alpha 1 and alpha/beta interferon in mice infected with influenza A virus.**

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**67.** Effect of PGE2 on c-Myc and Bcl-2 production and programmed cell death in human lymphocytes.

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**68.** Recombinant interferon alpha 2a, thymopentin and low doses of cytosine arabinoside for the treatment of myelodysplastic syndromes: a pilot study.

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**71.** Combination treatment with zidovudine, thymosin alpha 1 and interferon-alpha in human immunodeficiency virus infection.

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**72. Inhibitory effect of morphine on the control of rat fibroblast cell proliferation.**

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**73. Effect of synthetic thymic hormones on the cocaine-induced inhibition of the primary immune response in mice.**

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**74. Correlation between induction of lymphocyte apoptosis and prostaglandin E2 production by macrophages infected with HIV.**

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