



ALESSANDRA TESSITORE CURRICULUM VITAE

PERSONAL INFORMATION	<p>Alessandra Tessitore Department of Biotechnological and Applied Clinical Sciences -DISCAB- Via Vetoio, Edificio De Meis (Coppito 2) L'Aquila, 67100, Italy Email: alessandra.tessitore@univaq.it Phone: +39 0862 433518</p>
CURRENT POSITION	<p>Associate Professor SSD MED/46, Technical Sciences of Laboratory Medicine</p>
EDUCATION OTHER QUALIFICATIONS	<p>June 1997 - PhD in Applied Immunology (University of L'Aquila). Thesis: "Analysis of the IFN-γ-mediated transcriptional regulation of the intercellular adhesion molecule 1 (ICAM-1)". A.Y. 1989-1990 - MD in Natural Sciences, final mark 110/110 with honors (La Sapienza University, Rome)</p>
ACADEMIC APPOINTMENTS	<p>2012-2021 Assistant Professor SSD MED/46, Technical Sciences of Laboratory Medicine 2012 Senior Research Associate (CoCoCo, research collaboration contract), Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila <u>Research topic:</u> "Analysis of mouse miRNome and bioinformatics data elaboration" 1999-2001/2009/2011 Research Associate (Assegni di ricerca, 4 years, SSD MED/04, Pathology), University of L'Aquila <u>Research topics:</u> "Development of a semi-automated scanning technology for mutation analysis of genes involved in cancer pathogenesis (tp53 and BRCA-1)". "Set-up of a bioinformatics platform to make easier the use of nucleotide banks". "Bioinformatics approaches for cancer analysis: miRNome analysis in hepatocarcinogenesis mouse models" 2006 Research fellowship (2 years) within the ITALIA-USA agreement "Cancer pharmacogenomics and oncoproteomics", coordinated by the Italian National Institute of Health. The research activity was performed at the Center for Applied Proteomics and Molecular Medicine, co-directed by Dr. Lance Liotta and Emanuel Petricoin, George Mason University, Prince William Campus, Virginia, USA (Nov 2006-Nov 2007), and at the Istituto Dermopatico dell'Immacolata, Rome, under the supervision of Prof. Paolo Marchetti (Lug 2008-Lug 2009). <u>Research topic:</u> "Identification of serum cancer biomarkers by proteomics approaches, LC-MS/MS and RPPMA". 2004-2005 Senior Research Associate (CoCoCo, research collaboration contract), Department of Experimental Medicine, University of L'Aquila</p>



	<p><u>Research topic:</u> "Mutation analysis of genes involved in breast cancer pathogenesis".</p> <p>2004 Senior Research Associate (CoCoCo, research collaboration contract), Department of Experimental Medicine, University of L'Aquila</p> <p><u>Research topic:</u> "Mutation analysis of genes involved in breast and colorectal cancer pathogenesis. Analysis of fluorescent DNA fragments and automated sequencing"</p> <p>2004 Senior Research Associate (CoCoCo, research collaboration contract), Department of Experimental Medicine, University of L'Aquila</p> <p><u>Research topic:</u> "Development and application of advanced molecular diagnostics technologies to tumor samples' analysis"</p> <p>2003-2004 Senior Research Associate (CoCoCo, research collaboration contract), Department of Experimental Medicine, University of L'Aquila</p> <p><u>Research topic:</u> "Analysis of heavy metals toxicity"</p> <p>2002 Research Associate (research collaboration contract), Department of Oncology and Neurosciences, University of Chieti</p> <p><u>Research topic:</u> "Analysis of genomic stability"</p> <p>2001-2002 Research Associate (professional collaboration contract), Department of Experimental Medicine and Pathology, University of Rome La Sapienza</p> <p><u>Research topic:</u> "Identification of genetic programs involved in neuroblastoma cell differentiation"</p> <p>1997-1998 Research activity and project funded by Regione Abruzzo, F.S.E., Department of Experimental Medicine, University of L'Aquila</p> <p><u>Research topic:</u> "Characterization of genetic lesions of BRCA1 and TP53 in hormone-dependent tumors"</p> <p>1997 Professional collaboration contract, Istituto Superiore di Sanità, Rome (ref art 2 law 7-8-1973, n.519)</p> <p><u>Research topic:</u> "Prenatal diagnosis of beta thalassemia"</p> <p>1991-1993 National Research Council fellowship (two-years), Institute of Tissue Typing, L'Aquila</p> <p><u>Research topic:</u> "HLA typing in kidney and bone marrow transplantation"</p> <p>RESEARCH ACTIVITY ABROAD</p> <p>Nov 2006-Nov 2007 Research fellowship within the cancer pharmacogenomics and oncoproteomics ITALIA-USA agreement, coordinated by the Istituto Superiore di Sanità. The activity was carried out at the Center for Applied Proteomics and Molecular Medicine, Prince William Campus, Manassas, Virginia, USA, co-directed by Dr. Lance Liotta and Emanuel Petricoin, George Mason University</p> <p>Dic 1997-Feb 1998 Visiting Scientist, laboratory directed by Prof Riccardo Dalla Favera, Department of Pathology, Columbia University, New York NY USA</p> <p>Project: in house set-up of an innovative scanning method aimed at the mutation analysis of the 13q14 genomic region in CLL patients.</p>
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RESEARCH ACTIVITIES

2011-to date MicroRNA expression profiling for the study of regulatory epigenetic mechanisms and the identification of diagnostic/predictive biomarkers.
 Characterization of novel microRNAs and genes involved in pathological processes.
 Use of pre-clinical mouse models.
 Use of high-throughput real-time PCR and bioinformatics tools.
 Studies were performed on *in vitro* (corneal and retinal cells, in response to neurotrophic factors; amniocytes, in ischemia/reperfusion models), pre-clinical *in vivo* models (mouse models of diet-induced NAFL-NASH-HCC liver damage progression and mouse models of chemically-induced hepatocarcinogenesis) and human samples (systemic sclerosis patients).
 -Dept. of Biotechnological and Applied Clinical Sciences, University of L'Aquila

2018-to date Coordinating role, organization and management of the genetic molecular oncology laboratory of the Molecular Diagnostic and Advanced Therapies research Center. Mutation analysis and genotyping of biomarkers of clinical value for precision medicine in cancer patients (e.g. RAS, BRAF, BRCA1/2, PI3KCA)
 -Inter-Department Center for Molecular Diagnostics and Advanced Therapies, University of L'Aquila
 -Dept. of Biotechnological and Applied Clinical Sciences, University of L'Aquila

2007-2009 Serum peptidome analysis. Identification of circulating biomarkers in cancer patients by protein fractionation, high-throughput mass spectrometry and reverse phase protein microarray
 - Center for Applied Proteomics and Molecular Medicine, George Mason University, Prince William Campus, Virginia, USA
 - Istituto Dermopatico dell'Immacolata, Rome

2003-2006/2009-to date Biomolecular analysis of genes involved in oncogenesis (e.g. tp53, BRCA1, TrkA, KCTD11, PI3KCA)
 -Dept. of Experimental Medicine, University of L'Aquila
 -Dept. of Biotechnological and Applied Clinical Sciences, University of L'Aquila

2000-2003 Analysis and identification of new gene and protein variants (NBS1, MRE11, Rad50) involved in the control of genomic stability. Study on *in vitro* tumor cell models.
 -Dept. of Experimental Medicine, University of L'Aquila

1997-2006 Development of highly sensitive automated technologies (fluorescent DNA fragments' analysis, FAMA), aimed at implementing molecular diagnostics. Somatic mutation analysis of genes involved in solid tumors (tp53, breast and colorectal tumors) and in genetic hereditary diseases (Rho, beta-thalassemia)
 -Dept. of Experimental Medicine, University of L'Aquila

1993-1999 Analysis of gene (ICAM1) transcriptional regulation in *in vitro* models
 -Dept. of Experimental Medicine, University of L'Aquila

1991-2015 Study of HLA, molecular typing and identification of new allelic variants, with regard to kidney and bone marrow transplantation



	<p>-Research National Council Tissue typing institute, L'Aquila -Dept. of Experimental Medicine, University of L'Aquila -Dept. of Biotechnological and Applied Clinical Sciences, University of L'Aquila.</p>
<p>RESPONSIBILITY IN ACADEMIC ACTIVITIES</p>	<p>2021-to date Head of the Sciences of technical diagnostic health professions MD Course. 2021-to date: Member of the Promoting Committee for the institution of Applied Data Science MD (LM-DATA) 2021-to date: Member of the Dept. of Biotechnological and Applied Clinical Sciences Teaching Committee 2020-to date – DISCAB delegate, responsible for the “Instruments for Biological and Biotechnological Sciences” collection, L'Aquila University POMAQ museum exhibition 2018-to date – Delegate, responsible for genetic molecular oncology (colorectal cancer) diagnostic activity within the agreement “Biomarkers of clinical relevance in oncology and hematology” between the University of L'Aquila (Center for Molecular Diagnostics and Advanced Therapies) and ASL1 Abruzzo 2013-to date: Member of the Academic Board, Experimental Medicine PhD Programme, Department of Biotechnological and Applied Clinical Sciences, University of L'Aquila 2013-to date - Member of the L'Aquila University Guidance and Tutoring Board, as delegate of the Dept. of Biotechnological and Applied Clinical Sciences 2014/2015/2017 - Delegate of the Dept. of Biotechnological and Applied Clinical Sciences to the organization of Sharper and Street Science Researchers' Night.</p>
<p>EDITORIAL BOARD, EDITORIAL ACTIVITIES, SOCIETY MEMBERSHIP</p>	<p>Editor GENES Journal (Special Issue, MDPI Editorial Group) Review Editor, Frontiers in Cell and Developmental Biology Member of SIRTEPS (Società Italiana Ricerca Traslazionale e Professioni Sanitarie) Member of AICC (Cell Culture Italian Association)</p>
<p>SCIENTIFIC ACHIEVEMENTS BIBLIOMETRIC INDICATORS</p>	<p>Scopus Author ID: 18435356100 http://orcid.org/0000-0002-7663-2210 Bibliometric indicators Scopus: H-index 17, i10-index 29, total citations 1484, average citations per publication 27.4</p>
<p>SELECTED PUBLICATIONS</p>	<p>1) Canossi A, Iesari S, Lai Q, Ciavatta S, Del Beato T, Panarese A, Binda B, Tessitore A, Papola F, Pisani F. Longitudinal monitoring of mRNA levels of regulatory T cell biomarkers by using non-invasive strategies to predict outcome in renal transplantation. BMC Nephrol. 2022 Feb 2;23(1):51. 2) Cornice J, Capece D, Di Vito Nolfi M, Di Padova M, Compagnoni C, Verzella D, Di Francesco B, Vecchiotti D, Flati I, Tessitore A, Alesse E, Barbato G, Zazzeroni F. Ultrasound-Based Method for the Identification of Novel MicroRNA Biomarkers in Prostate Cancer. Genes (Basel). 2021 Oct 28;12(11):1726.</p>



- 3) Zelli V, Compagnoni C, Capelli R, Corrente A, Cornice J, Vecchiotti D, Di Padova M, Zazzeroni F, Alesse E, Tessitore A. Emerging Role of isomiRs in Cancer: State of the Art and Recent Advances. *Genes (Basel)*. 2021 Sep 20;12(9):1447.
- 4) M Fischietti, E Fratini, D Verzella, D Vecchiotti, D Capece, B Di Francesco, G Esposito, M Balata, L Ioannucci, P Sykes, L Satta, F Zazzeroni, A Tessitore*, MA Tabocchini, E Alesse. Low radiation environment switches the overgrowth-induced cell apoptosis towards autophagy. *Frontiers in Public Health*, 2021, 8, 594789.
- 5) Castelli V, Antonucci I, d'Angelo M, Tessitore A, Zelli V, Benedetti E, Ferri C, Desideri G, Borlongan C, Stuppia L, Cimini A. Neuroprotective effects of human amniotic fluid stem cells-derived secretome in an ischemia/reperfusion model. *Stem Cells Transl Med*. 2021, 10(2), pp. 251–266.
- 6) Zelli V, Compagnoni C, Capelli R, Cannita K, Sidoni T, Ficorella C, Capalbo C, Zazzeroni F, Tessitore A*§, Alesse E§. Circulating MicroRNAs as Prognostic and Therapeutic Biomarkers in Breast Cancer Molecular Subtypes. *J Pers Med*. 2020 Aug 22;10(3):98.
- 7) Pompili S, Vetuschi A, Gaudio E, Tessitore A, Capelli R, Alesse E, Latella G, Sferra R, Onori P. Long-term abuse of a high-carbohydrate diet is as harmful as a high-fat diet for development and progression of liver injury in a mouse model of NAFLD/NASH. *Nutrition*. 2020 Jul-Aug;75-76:110782.
- 8) Cortellini, A., Buti, S., Bersanelli, M., Giusti, R., Perrone, F., Di Marino, P., Tinari, N., De Tursi, M., Grassadonia, A., Cannita, K., Tessitore, A., Zoratto, F., Veltri, E., Malorgio, F., Russano, M., Anesi, C., Zeppola, T., Filetti, M., Marchetti, P., Botticelli, A., Cappellini, G.C.A., De Galitiis, F., Vitale, M.G., Rastelli, F., Pergolesi, F., Berardi, R., Rinaldi, S., Tudini, M., Silva, R.R., Pireddu, A., Atzori, F., Iacono, D., Migliorino, M.R., Gelibter, A., Occhipinti, M.A.I Martella, F., Inno, A., Gori, S., Bracarda, S., Zannori, C., Mosillo, C., Parisi, A., Porzio, G., Mallardo, D., Fagnoli, M.C.b, Tiseo, M., Santini, D., Ascierio, P.A., Ficorella, C. Evaluating the role of FAMILY history of cancer and diagnosis of multiple neoplasms in cancer patients receiving PD-1/PD-L1 checkpoint inhibitors: the multicenter FAMI-L1 study. *Oncolmmunology* 2020, Vol. 9, Issue 1, Article number 1710389.
- 9) Veronica Zelli, Chiara Compagnoni, Katia Cannita, Roberta Capelli, Carlo Capalbo, Mauro Di Vito Nolfi, Edoardo Alesse, Francesca Zazzeroni and Alessandra Tessitore*. Applications of Next Generation Sequencing to the Analysis of Familial Breast/Ovarian Cancer. *High-Throughput* 2020, 9, 1; doi:10.3390/ht9010001.
- 10) C Arbib, MÇ. Pinar, F Rossi, A Tessitore. Codon optimization by 0-1 linear programming. *Comput. Oper. Res.* 119: 104932 (2020).
- 11) Di Benedetto, P, Panzera, N, Cipriani, P, Mastroiaco, V, Tessitore, A, Liakouli, V, Ruscitti, P, Berardicurti, O, Carubbi, F, Guggino, G, Bianchi, A, Di Marco, A, Ciccia, F, Alesse, E, Giacomelli, R. Mesenchymal stem cells of Systemic Sclerosis patients, derived from different sources, show a profibrotic microRNA profiling. *SCIENTIFIC REPORTS*, 2019, vol. 9, ISSN: 2045-2322, doi: 10.1038/s41598-019-43638-0.
- 12) Petroni M., Sahun Roncero M., Ramponi V., Fabretti F., Nicolis Di Robilant V., Moretti M., Alfano V., Corsi A., De Panfilis S., Giubettini M., Di Giulio S., Capalbo C., Belardinilli F., Coppa A., Sardina F., Colicchia V.,



- Pedretti F., Infante P., Cardinali B., Tessitore A., Canettieri G., De Smaele E., Giannini G. SMO-M2 mutation does not support cell-autonomous Hedgehog activity in cerebellar granule cell precursors. *SCIENTIFIC REPORTS*, 2019, vol. 9, ISSN: 2045-2322, doi: 10.1038/s41598-019-56057-y.
- 13)C Capalbo, F Belardinilli, D Raimondo, E Milanetti, U Malapelle, P Pisapia, V Magri, A Prete, S Pecorari, M Colella, A Coppa, C Bonfiglio, A Nicolussi, V Valentini, A Tessitore, B Cardinali, M Petroni, P Infante, M Santoni, M Filetti, V Colicchia, P Paci, S Mezi, F Longo, E Cortesi, P Marchetti, G Troncione, D Bellavia, G Canettieri, G Giannini. A Simplified Genomic Profiling Approach Predicts Outcome in Metastatic Colorectal Cancer. *Cancers*, 2019, 11, 147; doi:10.3390/cancers11020147.
- 14)Capece, Daria, Verzella, Daniela, Tessitore, Alessandra, Alesse, Edoardo, Capalbo, Carlo, Zazzeroni, Francesca. Cancer secretome and inflammation: The bright and the dark sides of NF- κ B. *SEMINARS IN CELL & DEVELOPMENTAL BIOLOGY*, 2018, vol. 78, p. 51-61, ISSN: 1084-9521, doi: 10.1016/j.semcdb.2017.08.004.
- 15)Petroni M, Sardina F, Infante P, Bartolazzi A, Locatelli E, Fabretti F, Di Giulio S, Capalbo C, Cardinali B, Coppa A, Tessitore A, Colicchia V, Sahùn Roncero M, Belardinilli F, Di Marcotullio L, Soddu S, Comes Franchini M, Petricci E, Gulino A, Giannini G. MRE11 inhibition highlights a replication stress-dependent vulnerability of MYCN-driven tumors. *Cell Death Dis.* 2018 Aug 30;9(9):895.
- 16)Capalbo C, Belardinilli F, Filetti M, Parisi C, Petroni M, Colicchia V, Tessitore A, Santoni M, Coppa A, Giannini G, Marchetti P. Effective treatment of a platinum-resistant cutaneous squamous cell carcinoma case by EGFR pathway inhibition. *Mol Clin Oncol.* 2018 Jul;9(1):30-34.
- 17)Cocciolone V, Cannita K, Tessitore A, Mastroiaco V, Rinaldi L, Paradisi S, Irelli A, Baldi PL, Sidoni T, Ricevuto E, Dal Mas A, Calvisi G, Coletti G, Ciccozzi A, Pizzorno L, Resta V, Bafile A, Alesse E, Ficorella C. Neoadjuvant chemotherapy in breast cancer: a dose-dense schedule in real life and putative role of PIK3CA mutations. *Oncotarget.* 2018 Jun 8;9(44):27380-27396.
- 18)Tessitore A*, Bruera G, Mastroiaco V, Cannita K, Cortellini A, Cocciolone V, Dal Mas A, Calvisi G, Zazzeroni F, Ficorella C, Ricevuto E, Alesse E. KRAS and Two Rare PI3KCA Mutations Coexisting in a Metastatic Colorectal Cancer Patient With Aggressive and Resistant Disease. *Hum Pathol.* 2018 Apr;74:178-182.
- 19)Del Vecchio, F, Mastroiaco, V, Di Marco, A, Compagnoni, C, Capece, D, Zazzeroni, F, Capalbo, C, Alesse, E, Tessitore, A*. Next-generation sequencing: Recent applications to the analysis of colorectal cancer. *JOURNAL OF TRANSLATIONAL MEDICINE*, 2017, vol. 15, ISSN: 1479-5876, doi: 10.1186/s12967-017-1353-y.
- 20)V Cocciolone, K Cannita, M L Calandrella, E Ricevuto, P Lanfiuti Baldi, T Sidoni, A Irelli, S Paradisi, L Pizzorno, V Resta, A Bafile, E Alesse, A Tessitore, Ficorella C. Prognostic significance of clinicopathological factors in early breast cancer: 20 years of follow-up in a single-center analysis. *Oncotarget.* 2017; 8:72031-72043.
- 21)Tessitore A*, Mastroiaco V, Vetuschi A, Sferra R, Pompili S, Cicciarelli G, Barnabei 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 Jun 21;8(32):53482-53494.

22) 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(1):3.

23) Verzella D, Fischietti M, Capece D, Vecchiotti D, Del Vecchio F, Cicciarelli G, Mastroiaco V, Tessitore A, Alesse E, Zazzeroni F. Targeting the NF- κ B pathway in prostate cancer: a promising therapeutic approach? *CURRENT DRUG TARGETS*, 2016, vol. 17, p. 311-320, ISSN: 1873-5592.

24) Del Vecchio F, Gallo F, Di Marco A, Mastroiaco V, Caianiello P, Zazzeroni F, Alesse E, Tessitore A*. Bioinformatics approach to predict target genes for dysregulated microRNAs in hepatocellular carcinoma: study on a chemically-induced HCC mouse model. *BMC Bioinformatics*. 2015 Dec 10;16(1):408.

25) Tessitore A*, Cicciarelli G, Mastroiaco V, Vecchio FD, Capece D, Verzella D, Fischietti M, Vecchiotti D, Zazzeroni F, Alesse E. Therapeutic Use of MicroRNAs in Cancer. *Anticancer Agents Med Chem*. 2015;16(1):7-19.

26) Aureli A, Oumhani K, Del Beato T, Di Rocco M, Tessitore A, El Aouad R, Piancatelli D. Increased CD1D polymorphism: identification of two novel alleles, CD1D*03 and *04, in individuals from Morocco. *Int J Immunogenet*. 2015 Aug;42(4):287-91.

27) Piancatelli D, Oumhani K, Benelbarhdadi I, Del Beato T, Colanardi A, Sebastiani P, Tessitore A, El Aouad R, Essaid A. MICA*078: A novel allele identified in a Moroccan individual affected by celiac disease. *Hum Immunol*. 2015 Jun;76(6):438-41.

28) Bruera G, Cannita K, Tessitore A, Russo A, Alesse E, Ficorella C, Ricevuto E. The prevalent KRAS exon 2 c.35 G>A mutation in metastatic colorectal cancer patients: A biomarker of worse prognosis and potential benefit of bevacizumab-containing intensive regimens? *Crit Rev Oncol Hematol*. 2014 Oct 16. pii: S1040-8428(14)00155-3.

29) Zazzeroni F, Nicosia D, Tessitore A, Gallo R, Verzella D, Fischietti M, Vecchiotti D, Ventura L, Capece D, Gulino A and Alesse E. "KCTD11 Tumor Suppressor Gene Expression Is Reduced in Prostate Adenocarcinoma," *BioMed Research International*, vol. 2014, Article ID 380398, 9 pages, 2014.

30) Tessitore A, Cicciarelli G, Del Vecchio F, Gaggiano A, Verzella D, Fischietti M, Vecchiotti D, Capece D, Zazzeroni F, Alesse E. MicroRNAs in the DNA Damage/Repair Network and Cancer. *Int J Genomics*. 2014; 2014:820248. doi: 10.1155/2014/820248.

31) Tessitore A, Zazzeroni F, Alesse E. Reverse-phase protein microarray highlights HER2 signaling activation in immunohistochemistry/FISH/HER2-negative breast cancers. *Expert Rev Proteomics*. 2013 Jun;10(3):223-6.

32) Tessitore A, Gaggiano A, Cicciarelli G, Verzella D, Capece D, Fischietti M, Zazzeroni F, Alesse E. Serum biomarkers identification by mass spectrometry in high mortality tumors. *Int J Proteomics*, 2013;2013:125858. doi: 10.1155/2013/125858.



- 33)Capece D,Fischietti M,Verzella D,Gaggiano A, Cicciarelli G,Tessitore A,Zazzeroni F, Alesse E The inflammatory microenvironment in hepatocellular carcinoma: a pivotal role for tumor-associated macrophages. *Biomed Res Int.* 2013:187204. doi: 10.1155/2013/187204.
- 34)VanMeter AJ, Camerini S, Polci ML, Tessitore A, Trivedi N, Heiby M, Kamal Y, Hansen J, Zhou W. Serum low-molecular-weight protein fractionation for biomarker discovery. *Methods Mol Biol.* 2012;823:237-49 Chapter 15.
- 35)W Zhou, Mark M. Ross, A Tessitore, A VanMeter, L.A. Liotta and E. Petricoin III. An initial characterization of the serum phosphoproteome. *J Proteome Res*, 2009 Dec;8(12):5523-31.
- 36)Luchini, D.H. Geho, B. Bishop, D. Tran, C. Xia, R. Dufour, V. Espina, A. Patanarut, W. Zhou, M. Ross, A. Tessitore, E. Petricoin, and L. Liotta. Smart Hydrogel particles for biomarker harvesting: one-step affinity purification, size exclusion, and protection against degradation. *Nano Letters*, 2008 Jan 8, 350:361.
- 37)Canossi A, Del Beato T, Piazza A, Liberatore G, Ozzella G, Tessitore A, Adorno D. Identification of the uncommon allele HLA-A*7403 in a Caucasian renal transplant cadaveric donor: extension of the exon 4 sequence. *Tissue Antigens.* 2007 Jun;69(6):615-8.
- 38)De Galitiis F, Cannita K, Tessitore A, Martella F, Di Rocco CZ, Russo A, Adamo V, Iacobelli S, Martinotti S, Marchetti P, Ficorella C, Ricevuto E. Novel P53 mutations detected by FAMA in colorectal cancers. *Ann Oncol.* 2006 Jun;17 Suppl 7:vii78-vii83.
- 39)Ozzella G, Monaco PI, Tessitore A, Piazza A, Piancatelli D, Adorno D Identification of a novel HLA-DRB1*11 allele: DRB1*1152. *Tissue Antigens.* 2006 Feb;67(2):180-2.
- 40)Piancatelli D, Beato TD, Papola F, Aureli A, Fioroni A, Canossi A, Mastrangelo E, Liberatore G, Tessitore A, Adorno D. Identification of a novel HLA-A*02 allele, A*027401*. *Tissue Antigens.* 2005 Aug;66(2):138-40.
- 41)Canossi A, Aureli A, Piancatelli D, Liberatore G, Del Beato T, Ozzella G, Tessitore A, Piazza A, Papola F, Casciani CU, Adorno D. Characterization of a novel HLA-Cw*02 variant, Cw*0208, in a Caucasian individual. *Tissue Antigens.* 2005 Jun;65(6):575-9.
- 42)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.
- 43)Piancatelli D, Canossi A, Aureli A, Oumhani K, Del Beato T, Di Rocco M, Liberatore G, Tessitore A, Witter K, El Aouad R, Adorno D. Human leukocyte antigen-A, -B, and -Cw polymorphism in a Berber population from North Morocco using sequence-based typing. *Tissue Antigens.* 2004 Feb; 63(2): 158-172.
- 44)Ricevuto E, Marchetti P, Cannita K, De Galitiis F, Di Rocco ZC, Tessitore A, Martella F, Bisegna R, Porzio G, Bafile A, Vicentini R, Resta V, Mattucci S, Ventura T, Martinotti S, de Rubeis GP, Ficorella C. Can analysis of the molecular status of the p53 gene contribute to improving the therapeutic strategy for breast carcinoma? *Tumori.* 2003 Jul-Aug;89(4 Suppl):197-9.
- 45)Marchetti P, Cannita K, Ricevuto E, De Galitiis F, Di Rocco ZC, Tessitore A, Bisegna R, Porzio G, De Rubeis GP, Ventura T, Martinotti S, Ficorella C.



- Prognostic value of p53 molecular status in high-risk primary breast cancer. *Ann Oncol.* 2003 May;14(5):704-8.
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