

Elenco delle pubblicazioni IFOM 2005

(in ordine alfabetico per rivista scientifica)

1. Manoukian S, Crolla JA, Mammoliti PM, Testi MA, Zanini R, Carpanelli ML, Piozzi E, Sozzi G, De Vecchi G, Terenziani M, Spreafico F, Collini P, **Radice P**, Perotti D.; "Bilateral preaxial polydactyly in a WAGR syndrome patient"; *Am J Med Genet A*; May 1; 134(4),426-9; IF:0.1850; 2005
2. Martinez-Estrada OM, Manzi L, Tonetti P, **Dejana E**, Bazzoni G; "Opposite effects of tumor necrosis factor and soluble fibronectin on junctional adhesion molecule-A in endothelial cells"; *Am J Physiol Lung Cell Mol Physiol*; Jun; 288(6),L1081-8.; IF:4.0510; 2005
3. Frattini M, Signoroni S, Pilotti S, Bertario L, Benvenuti S, Zanon C, **Bardelli A**, Pierotti MA. "Phosphatase protein homologue to tensin expression and phosphatidylinositol-3 phosphate kinase mutations in colorectal cancer. *Cancer Res*; Dec 1;65(23), 11227; IF:7.690; 2005
4. **Gianinazzi CF, Raiteri E**, Collesi C, Benfenati F, **Cremona O.**; "Dynamics of secretion"; *Arch Ital Biol*; May; 143(2),133-42; IF:0.5690; 2005
5. Galli D, Innocenzi A, Staszewsky L, Zanetta L, Sampaolesi M, Bai A, Martinoli E, Carlo E, Balconi G, Fiordaliso F, Chimenti S, Cusella G, **Dejana E**, Cossu G, Latini R.; "Mesoangioblasts, Vessel-Associated Multipotent Stem Cells, Repair the Infarcted Heart by Multiple Cellular Mechanisms. A Comparison With Bone Marrow Progenitors, Fibroblasts, and Endothelial Cells"; *Arterioscler Thromb Vasc Biol.*; Apr; 25(4),692-7; IF:7.4320; 2005
6. Zerneck A, Liehn EA, Fraemohs L, von Hundelshausen P, Koenen RR, **Corada M, Dejana E**, Weber C.; "Importance of JAM-A for Neointimal Lesion Formation and Infiltration in Atherosclerosis-Prone Mice"; *Arterioscler Thromb Vasc Biol.*; Nov 23; IF:7.4320; 2005
7. **Alcalay M**, Tiacci E, **Bergomas R**, Bigerna B, Venturini E, **Minardi SP, Meani N**, Diverio D, **Bernard L, Tizzoni L, Volorio S, Luzi L**, Colombo E, Lo Coco F, Mecucci C, Falini B, Pelicci PG.; "Acute myeloid leukemia bearing cytoplasmic nucleophosmin (NPMc+AML) shows a distinct gene expression profile characterized by up-regulation of genes involved in stem cell maintenance"; *Blood*; Aug 1; 106(3),899-902; IF:9.7820; 2005
8. Khandoga A, Kessler JS, Meissner H, Hanschen M, **Corada M**, Motoike T, Enders G, **Dejana E**, Krombach F.; "Junctional adhesion molecule -A deficiency increases hepatic ischemia-reperfusion injury despite reduction of neutrophil transendothelial migration"; *Blood*; Jul 15; 106(2),725-33; IF:9.7820; 2005
9. Crosby CV, Fleming PA, Argraves WS, **Corada M, Zanetta L, Dejana E**, Drake CJ; "VE-cadherin is not required for the formation of nascent blood vessels but acts to prevent their disassembly"; *Blood*; Apr 1; 105(7),2771-6; IF:9.7820; 2005
10. **Selleri C**, Montuori N, Ricci P, Visconte V, Carriero MV, **Sidenius N**, Serio B, **Blasi F**, Rotoli B, Rossi G, Ragno P.; "Involvement of the urokinase-type plasminogen activator receptor in hematopoietic stem cell mobilization"; *Blood.*; Mar 1; 105(5),:2198-205; IF:9.7820; 2005
11. **Finocchiaro G**, Mancuso F, **Muller H**; "Mining published lists of cancer related microarray experiments: Identification of a gene expression signature having a critical role in cell-cycle control"; *BMC Bioinformatics*; 6(Suppl 4):S14; IF:5.4230; 2005
12. **Rambaldi D, Guffanti A**, Morandi P, **Cassata G**; "NemaFootPrinter: a web based software for the identification of conserved non-coding genome sequence regions between *C.elegans* and *C.briggsae*"; *BMC Bioinformatics*; 6(Suppl 4):S22,S22; IF:5.4230; 2005

13. Frattini M, Carnevali I, Signoroni S, Balestra D, Moiraghi ML, **Radice P**, Varesco L, Gismondi V, Ballardini G, Sala P, **Pierotti MA**, Pilotti S, Bertario L.; "Cyclooxygenase-2 expression in FAP patients carrying germ line MYH mutations"; *Cancer Epidemiol Biomarkers Prev.*; Aug; 14(8),2049-52.; IF:4.5000; 2005
14. Lahortiga I, **Belloni E**, Vazquez I, Agirre X, Larrayoz MJ, Vizmanos JL, Valganon M, Zudaire I, Saez B, Mateos MC, **Di Fiore PP**, Calasanz MJ, Odero MD.; "NUP98 is fused to HOXA9 in a variant complex t(7; 11; 13; 17) in a patient with AML-M2"; *Cancer Genet Cytogenet.*; Mar; 157(2),151-156; IF:1.5770; 2005
15. **Pierotti MA**, Greco A.; "Oncogenic rearrangements of the NTRK1/NGF receptor"; *Cancer Lett*; Oct 19; IF:2.9380; 2005
16. Sirchia SM, Ramoscelli L, Grati FR, **Barbera F**, Coradini D, Rossella F, Porta G, Lesma E, Ruggeri A, **Radice P**, Simoni G, Miozzo M.; "Loss of the inactive X chromosome and replication of the active X in BRCA1-defective and wild-type breast cancer cells"; *Cancer Res*; Mar 15; 65(6),2139-46; IF:7.6900; 2005
17. Roccato E, Bressan P, Sabatella G, Rumio C, Vizzotto L, **Pierotti MA**, Greco A.; "Proximity of TPR and NTRK1 rearranging loci in human thyrocytes"; *Cancer Res*; Apr 1; 65(7),2572-6; IF:7.6900; 2005
18. Davies H, Hunter C, Smith R, Stephens P, Greenman C, Bignell G, Teague J, Butler A, Edkins S, Stevens C, Parker A, O'Meara S, Avis T, Barthorpe S, Brackenbury L, Buck G, Clements J, Cole J, Dicks E, Edwards K, Forbes S, Gorton M, Gray K, Halliday K, Harri; "Somatic mutations of the protein kinase gene family in human lung cancer"; *Cancer Res*; Sep 1; 65(17),7591-5; IF:7.6900; 2005
19. Ponti D, Costa A, Zaffaroni N, Pratesi G, Petrangolini G, Coradini D, Pilotti S, **Pierotti MA**, Daidone MG; "Isolation and in vitro propagation of tumorigenic breast cancer cells with stem/progenitor cell properties"; *Cancer Res.*; Jul 1; 65(13),5506-11.; IF:7.6900; 2005
20. Frattini M, Signoroni S, Pilotti S, Bertario L, Benvenuti S, Zanon C, **Bardelli A**, Pierotti MA; "Phosphatase protein homologue to tensin expression and phosphatidylinositol-3 phosphate kinase mutations in colorectal cancer." *Cancer Res*; Dec 1;65(23),11227; IF:7.690; 2005
21. **Tosoni D, Puri C, Confalonieri S, Salcini A.E., De Camilli P, Tacchetti C. and Di Fiore P.P.**; "TTP specifically regulates the internalization of the transferrin receptor"; *Cell*; Dec 2;123(5),875-88; IF:28.3890; 2005
22. **Giorgio M, Migliaccio E, Orsini F, Paolucci D, Moroni M, Contursi C, Pelliccia G, Luzi L, Minucci S, Marcaccio M, Pinton P, Rizzuto R, Bernardi P, Paolucci F, Pelicci PG.**; "Electron transfer between cytochrome c and p66Shc generates reactive oxygen species that trigger mitochondrial apoptosis"; *Cell*; Jul 29; 122(2),221-33.; IF:28.3890; 2005
23. **Ciliberto A**, Lukacs A, Toth A, Tyson JJ, Novak B.; "Rewiring the Exit from Mitosis"; *Cell Cycle*; Aug 26; 4(8); IF:ni; 2005
24. **Disanza A**, Steffen A, **Hertzog M, Frittoli E**, Rottner K, Scita G; "Actin polymerization machinery: the finish line of signaling networks, the starting point of cellular movement"; *Cell Mol Life Sci*; May; 62(9),955-70; IF:4.8120; 2005
25. Lakhani SR, Reis-Filho JS, Fulford L, Penault-Llorca F, van der Vijver M, Parry S, Bishop T, Benitez J, Rivas C, Bignon YJ, Chang-Claude J, Hamann U, Cornelisse CJ, Devilee P, Beckmann MW, Nestle-Kramling C, Daly PA, Haites N, Varley J, Lalloo F, Evans G.; "Prediction of BRCA1 status in patients with breast cancer using estrogen receptor and basal phenotype"; *Clin Cancer Res.*; Jul 15; 11(14),5175-80; IF:5.6230; 2005
26. Polato F, Codegoni A, Fruscio R, Perego P, Mangioni C, Saha S, **Bardelli A**, Brogginini M; "PRL-3 phosphatase is implicated in ovarian cancer growth"; *Clin Cancer Res*; Oct 1;11(19 Pt 1); 6835-9; IF:5.623; 2005
27. Garcia-Barcelo M, So MT, Lau DK, Leon TY, Yuan ZW, Cai WS, Lui VC, Fu M, Herbrick JA, Gutter E, Proud V, Li L, Pierre-Louis J, Aleck K, van Heurn E, **Belloni E**, Scherer SW, Tam

- PK; "Population Differences in the Polyalanine Domain and 6 New Mutations in HLXB9 in Patients with Currarino Syndrome"; *Clin Chem.*; Oct 27; IF:6.5010; 2005
28. Giavara S, Kosmidou E, Hande MP, Bianchi ME, Morgan A, **d'Adda di Fagagna F**, Jackson SP.; "Yeast Nhp6A/B and Mammalian Hmgb1 Facilitate the Maintenance of Genome Stability"; *Curr Biol.*; Jan 11; 15(1),68-72.; IF:11.9010; 2005
29. **Pelliccioli A, Foiani M.**; "Signal transduction: how rad53 kinase is activated"; *Curr Biol.*; Sep 20; 15(18),R769-71; IF:11.9010; 2005
30. **Branzei D, Foiani M.**; "The DNA damage response during DNA replication"; *Curr Opin Cell Biol*; Dec; 17(6),568-75; IF:15.4220; 2005
31. **Cassata G**, Shemer G, Morandi P, Donhauser R, Podbilewicz B, Baumeister R.; "ceh-16/engrailed patterns the embryonic epidermis of *Caenorhabditis elegans*"; *Development.*; Feb; 132(4),739-49; IF:7.1490; 2005
32. Doumont G, Martoriati A, Beekman C, Bogaerts S, Mee PJ, Bureau F, Colombo E, **Alcalay M**, Bellefroid E, Marchesi F, Scanziani E, **Pellicci PG**, Marine JC.; "G1 checkpoint failure and increased tumor susceptibility in mice lacking the novel p53 target Ptprv"; *EMBO J.*; Aug 18; IF:10.4920; 2005
33. **Cavallaro U**, Liebner S, **Dejana E.**; "Endothelial cadherins and tumor angiogenesis"; *Exp Cell Res*; Oct 26,; IF:4.0070; 2005
34. Carissimi C, Baccon J, Straccia M, Chiarella P, **Maiolica A**, Sawyer A, **Rappsilber J**, Pellizzoni L.; "Unrip is a component of SMN complexes active in snRNP assembly"; *FEBS Lett*; Apr 25; 579(11),2348-54; IF:3.8430; 2005
35. Kooistra MR, **Corada M, Dejana E**, Bos JL.; "Epac1 regulates integrity of endothelial cell junctions through VE-cadherin"; *FEBS Lett*; 12; 579(22),4966-72.; IF:3.8430; 2005
36. **Belloni E, Trubia M, Gasparini P, Micucci C, Tapinassi C, Confalonieri S, Nuciforo P**, Martino B, Lo-Coco F, **Pellicci PG, Di Fiore PP.**; "An 8p11 myeloproliferative syndrome with a novel t(7; 8) translocation leading to fusion of the FGFR1 and TIF1 genes"; *Genes Chromosomes Cancer*; Mar; 42(3),320-5; IF:4.2760; 2005
37. **Gorletta TA, Gasparini P, D'Elis MM, Trubia M, Pellicci PG, Di Fiore PP.**; "Frequent loss of heterozygosity without loss of genetic material in acute myeloid leukemia with a normal karyotype"; *Genes Chromosomes Cancer*; Nov; 44(3),334-7; IF:4.2760; 2005
38. **Liberi G, Maffioletti G, Lucca C, Chiolo I, Baryshnikova A, Cotta-Ramusino C, Lopes M, Pelliccioli A, Haber JE, Foiani M.**; "Rad51-dependent DNA structures accumulate at damaged replication forks in *sgs1* mutants defective in the yeast ortholog of BLM RecQ helicase"; *Genes Dev.*; Feb 1; 19(3),339-50; IF:16.3850; 2005
39. Dalla E, Mignone F, Verardo R, Marchionni L, Marzinotto S, Lazarevic D, **Reid JF**, Marzio R, Klaric E, Licastro D, Marcuzzi G, Gambetta R, **Pierotti MA**, Pesole G, Schneider C.; "Discovery of 342 putative new genes from the analysis of 5'-end-sequenced full-length-enriched cDNA human transcripts"; *Genomics*; Jun; 85(6),739-51; IF:3.8400; 2005
40. **De Cecco L, Gariboldi M, Reid JF**, Lagonigro MS, Tamborini E, Albertini V, Staurengo S, Pilotti S, **Pierotti MA.**; "Gene expression profile identifies a rare epithelioid variant case of pleomorphic liposarcoma carrying FUS-CHOP transcript"; *Histopathology*; Mar; 46(3),334-41; IF:2.9550; 2005
41. Lahortiga I, Vazquez I, **Belloni E**, Roman JP, **Gasparini P**, Novo FJ, Zudaire I, Pellicci PG, Hernandez JM, Calasanz MJ, Odero MD.; "FISH analysis of hematological neoplasias with 1p36 rearrangements allows the definition of a cluster of 2.5 Mb included in the minimal region deleted in 1p36 deletion syndrome"; *Hum Genet.*; May; 116(6), 476-85; IF:4.3280; 2005
42. Peterlongo P, Howe LR, **Radice P**, Sala P, Hong YJ, Hong SI, Mitra N, Offit K, Ellis NA.; "Germline mutations of AXIN2 are not associated with nonsyndromic colorectal cancer"; *Human Mutation*; May; 25(5),498-500; IF:6.8450; 2005

43. Graiani G, Lagrasta C, **Migliaccio E**, Spillmann F, Meloni M, Madeddu P, Quaini F, Padura IM, Lanfrancone L, **Pellicci P**, Emanuelli C; "Genetic deletion of the p66Shc adaptor protein protects from angiotensin II-induced myocardial damage"; *Hypertension.*; Aug; 46(2):433-40; IF:5.3420; 2005
44. Di Stasi D, Vallacchi V, Campi V, Ranzani T, Daniotti M, **Chiodini E, Fiorentini S**, Greeve I, Prinetti A, Rivoltini L, **Pierotti MA**, Rodolfo M; "DHCR24 gene expression is upregulated in melanoma metastases and associated to resistance to oxidative stress-induced apoptosis"; *Int J Cancer.*; Jun 1; 115(2), 224-30; IF:4.4160; 2005
45. Pece Barbara N, Vera S, Kathirkamathamby K, Liebner S, Di Guglielmo GM, **Dejana E**, Wrana JL, Letarte M; "Endoglin null endothelial cells proliferate faster, and more responsive to TGFbeta 1 with higher affinity receptors and an activated ALK1 pathway"; *J Biol Chem*; Jul 29; 280(30),27800-8; IF:6.3550; 2005
46. Shi J, **Scita G**, Casanova JE.; "Wave2 signaling mediates invasion of polarized epithelial cells by salmonella typhimurium"; *J Biol Chem*; Aug 19; 280(33),29849-55; IF:6.3550; 2005
47. Roccato E, Miranda C, Raho G, Pagliardini S, **Pierotti MA**, Greco A.; "Analysis of SHP-1-mediated down-regulation of the TRK-T3 oncoprotein identifies Trk-fused gene (TFG) as a novel SHP-1-interacting protein"; *J Biol Chem*; Feb 4; 280(5),3382-9; IF:6.3550; 2005
48. **Ciferri C**, De Luca J, Monzani S, Ferrari K, Ristic D, Wyman C, Stark H, Kilmartin J, Salmon ED, **Musacchio A.**; "Architecture of the human HEC1/NDC80 complex, a critical constituent of the outer kinetochore"; *J Biol Chem.*; Aug 12; 280(32),29088-95; IF:6.3550; 2005
49. **Vecchi M, Di Fiore PP.**; "It's HIP to be a hub: new trends for old-fashioned proteins"; *J Cell Biol*; Jul 18; 170(2),169-71.; IF:11.6020; 2005
50. Benesch S, **Polo S**, Lai F, Anderson K, Stradal T, Wehland J and Rottner K; ""N-WASP deficiency impairs EGF internalization and actin assembly at clathrin coated pits""; *J Cell Sci*; 118,3103-15; IF:6.9100; 2005
51. Bierne H, Miki H, **Innocenti M, Scita G**, Gertler FB, Takenawa T, Cossart P.; "WASP-related proteins, Abi1 and Ena/VASP are required for Listeria invasion induced by the Met receptor"; *J Cell Sci.*; Apr 1; 118(Pt 7),1537-47; IF:6.9100; 2005
52. **Dejana E.**; "Women in cell science. Elisabetta Dejana. Interview by Fiona Watt"; *J Cell Sci.*; Jul 1; 118(Pt 13),2789-90; IF:6.9100; 2005
53. Bazzoni G, Tonetti P, Manzi L, **Cera MR**, Balconi G, **Dejana E.**; "Expression of junctional adhesion molecule-A prevents spontaneous and random motility"; *J Cell Sci.*; Feb 1; 118(Pt 3),623-32; IF:6.9100; 2005
54. **Nicassio F, Bianchi F, Capra M, Vecchi M, Confalonieri S**, Bianchi M, Pajalunga D, Crescenzi M, Bonapace IM, **Di Fiore PP.**; "A cancer-specific transcriptional signature in human neoplasia"; *J Clin Invest.*; Nov 1; 115(11),3015-3025; IF:14.2040; 2005
55. Rossig L, Urbich C, Bruhl T, Dernbach E, Heeschen C, Chavakis E, Sasaki K, Aicher D, Diehl F, Seeger F, Potente M, Aicher A, **Zanetta L, Dejana E**, Zeiher AM, Dimmeler S.; "Histone deacetylase activity is essential for the expression of HoxA9 and for endothelial commitment of progenitor cells"; *J Exp Med*; Jun 6; 201(11),1825-35; IF:14.5880; 2005
56. Phelan CM, Dapic V, Tice B, Favis R, Kwan E, Barany F, Manoukian S, **Radice P**, van der Luijt RB, van Nesselrooij BP, Chenevix Trench G, Caldes T, de La Hoya M, Lindquist S, Tavtigian SV, Goldgar D, Borg A, Narod SA, Monteiro AN.; "Classification of BRCA1 missense variants of unknown clinical significance"; *J Med Genet.*; Feb; 42(2),138-46.; IF:4.1120; 2005
57. Antoniou AC, Pharoah PD, Narod S, Risch HA, Eyfjord JE, Hopper JL, Olsson H, Johannsson O, Borg A, Pasini B, **Radice P**, Manoukian S, Eccles DM, Tang N, Olah E, Anton-Culver H, Warner E, Lubinski J, Gronwald J, Gorski B, Tulinius H, Thorlacius S, Eerola H.; "Breast and ovarian cancer risks to carriers of the BRCA1 5382insC and

- 185delAG and BRCA2 6174delT mutations: a combined analysis of 22 population based studies"; *J Med Genet.*; Jul; 42(7),602-3.; IF:4.1120; 2005
58. **Reid JF, Lusa L, De Cecco L, Coradini D, Veneroni S, Daidone MG, Gariboldi M, Pierotti MA**; "Limits of predictive models using microarray data for breast cancer clinical treatment outcome"; *J Natl Cancer Inst.*; Jun 15; 97(12),927-30; IF:13.8560; 2005
59. Perotti D, Mondini P, Terenziani M, Spreafico F, Collini P, Fossati-Bellani F, **Radice P.**; "WT1 Gene Analysis in Sporadic Early-Onset and Bilateral Wilms Tumor Patients Without Associated Abnormalities"; *J Pediatr Hematol Oncol*; Apr; 27(4),197-201; IF:1.1610; 2005
60. **Cittaro D, Borsotti D, Maiolica A, Argenzio E, Rappsilber J.**; "Peptide identification using vectors of small fragment ions"; *J Proteome Res.*; May-Jun; 4(3),1006-11; IF:6.9170; 2005
61. Moroni M, Veronese S, Benvenuti S, Marrapese G, Sartore-Bianchi A, Di Nicolantonio F, Gambacorta M, Siena S, **Bardelli A**; "Gene copy number for epidermal growth factor receptor (EGFR) and clinical response to antiEGFR treatment in colorectal cancer: a cohort study"; *Lancet Oncol*; May; 6(5),279-86; IF:7.470; 2005
62. von Zglinicki T, Saretzki G, Ladhoff J, **d'Adda di Fagagna F**, Jackson SP; "Human cell senescence as a DNA damage response"; *Mech Ageing De*; Jan; 126(1),111-7; IF:2.8660; 2005
63. Puri C, **Tosoni D**, Comai R, Rabellino A, Segat D, Caneva F, Luzzi P, **Di Fiore PP**, Tacchetti C.; "Relationships between EGFR Signaling-competent and Endocytosis-competent Membrane Microdomains"; *Mol Biol Cell*; Jun; 16(6),2704-18; IF:7.5170; 2005
64. Xiao K, Garner J, Buckley KM, Vincent PA, Chiasson CM, **Dejana E**, Faundez V, Kowalczyk AP.; "p120-Catenin Regulates Clathrin-dependent Endocytosis of VE-Cadherin"; *Mol Biol Cell.*; Nov; 16(11),5141-51.; IF:7.5170; 2005
65. **Cotta Ramusino C, Fachinetti D**, Lucca C, Doksani Y, Lopes M, Sogo J, **Foiani M.**; "Exo1 processes stalled replication forks and counteracts fork reversal in checkpoint-defective cells"; *Mol Cell*; Jan 7; 17(1),153-9; IF:16.8110; 2005
66. **Pelliccioli A, Foiani M.**; "Recombination at collapsed replication forks: the payoff for survival"; *Mol Cell*; Jun 10; 18(6),614-5; IF:16.8110; 2005
67. **Chiolo I, Carotenuto W**, Maffioletti G, Petrini JH, **Foiani M, Liberi G.**; "Srs2 and Sgs1 DNA Helicases Associate with Mre11 in Different Subcomplexes following Checkpoint Activation and CDK1-Mediated Srs2 Phosphorylation"; *Mol Cell Biol*; Jul; 25(13),5738-51; IF:7.8220; 2005
68. Colombo E, Bonetti P, Lazzerini Denchi E, Martinelli P, Zamponi R, Marine JC, Helin K, Falini B, **Pellicci PG.**; "Nucleophosmin Is Required for DNA Integrity and p19Arf Protein Stability"; *Mol Cell Biol*; Oct; 25(20),8874-86.; IF:7.8220; 2005
69. Ishihama Y, Oda Y, Tabata T, Sato T, Nagasu T, **Rappsilber J**, Mann M; "Exponentially modified protein abundance index (emPAI) for estimation of absolute protein amount in proteomics by the number of sequenced peptides per protein"; *Mol Cell Proteomics*; Jun 14; IF:9.6240; 2005
70. Sessa F, Mapelli M, Ciferri C, Tarricone C, **Arecas LB, Schneider TR**, Stukenberg PT, Musacchio A.; "Mechanism of Aurora B activation by INCENP and inhibition by Hesperadin"; *Mol Cell.*; Apr 29; 18(3),379-91; IF:16.8110; 2005
71. **Innocenti M, Gerboth S**, Rottner K, Lai FP, **Hertzog M**, Stradal TE, **Frittoli E**, Didry D, **Polo S, Disanza A**, Benesch S, **Fiore PP**, Carlier MF, **Scita G.**; "Abi1 regulates the activity of N-WASP and WAVE in distinct actin-based processes"; *Nat Cell Biol.*; Oct; 7(10),969-76; IF:20.6490; 2005
72. Tzima E, Irani-Tehrani M, Kiosses WB, **Dejana E**, Schultz DA, Engelhardt B, Cao G, DeLisser H, Schwartz MA.; "A mechanosensory complex that mediates the endothelial cell response to fluid shear stress"; *Nature*; Sep 15; 437(7057),426-31; IF:32.1820; 2005

73. Parsons DW, Wang TL, Samuels Y, **Bardelli A**, Cummins JM, DeLong L, Silliman N, Ptak J, Szabo S, Willson JK, Markowitz S, Kinzler KW, Vogelstein B, Lengauer C, Velculescu VE; "Colorectal cancer: mutations in a signalling pathway"; *Nature*; Aug 11;436(7052),792; IF:32.182; 2005
74. Stephens P, Edkins S, Davies H, Greenman C, Cox C, Hunter C, Bignell G, Teague J, Smith R, Stevens C, O'Meara S, Parker A, Tarpey P, Avis T, Barthorpe A, Brackenbury L, Buck G, Butler A, Clements J, Cole J, Dicks E, Edwards K, Forbes S, Gorton M, Gray K,; "A screen of the complete protein kinase gene family identifies diverse patterns of somatic mutations in human breast cancer"; *Nature Genet*; Jun; 37(6),590-2; IF:24.6950; 2005
75. Insinga A, Monestiroli S, Ronzoni S, Gelmetti V, Marchesi F, Viale A, Altucci L, Nervi C, Minucci S, **Pelicci PG**.; "Inhibitors of histone deacetylases induce tumor-selective apoptosis through activation of the death receptor pathway"; *Nature Medicine*; Nat Med. 2005 Jan; 11(1):71-6.; IF:31.2230; 2005
76. Boccia A, Petrillo M, di Bernardo D, **Guffanti A**, Mignone F, **Confalonieri S**, **Luzi L**, Pesole G, Paoletta G, Ballabio A, Banfi S.; "DG-CST (Disease Gene Conserved Sequence Tags), a database of human-mouse conserved elements associated to disease genes"; *Nucleic Acids Res*; Jan 1; 33(Database Issue):D505-D510; IF:7.2600; 2005
77. **Meani N**, **Minardi S**, **Licciulli S**, Gelmetti V, Coco FL, Nervi C, **Pelicci PG**, **Muller H**, **Alcalay M**.; "Molecular signature of retinoic acid treatment in acute promyelocytic leukemia"; *Oncogene*; May 5; 24(20),3358-68.; IF:6.3180; 2005
78. Fazi F, Travaglini L, Carotti D, Palitti F, Diverio D, **Alcalay M**, McNamara S, Miller WH Jr, Lo Coco F, **Pelicci PG**, Nervi C; "Retinoic acid targets DNA-methyltransferases and histone deacetylases during APL blast differentiation in vitro and in vivo"; *Oncogene*; Mar 10; 24(11),1820-30.; IF:6.3180; 2005
79. Martoriati A, Doumont G, Alcalay M, Bellefroid E, **Pelicci PG**, Marine JC.; "dapk1, encoding an activator of a p19ARF-p53-mediated apoptotic checkpoint, is a transcription target of p53"; *Oncogene*; Feb 17; 24(8),1461-6.; IF:6.3180; 2005
80. Patrussi L, Savino MT, Pellegrini M, Paccani SR, **Migliaccio E**, Plyte S, Lanfrancone L, **Pelicci PG**, Baldari CT.; "Cooperation and selectivity of the two Grb2 binding sites of p52Shc in T-cell antigen receptor signaling to Ras family GTPases and Myc-dependent survival"; *Oncogene*; 2005 Mar 24; 24(13),2218-28.; IF:6.3180; 2005
81. **Nuciforo PG**, **Fraggetta F**.; "Cancer stem cells: the neoplastic disease from a different view point"; *Pathologica. (Italian)*; Apr; 97(2),73-7; IF:ni; 2005
82. Mao Y, **Senic-Matuglia F**, **Di Fiore PP**, **Polo S**, Hodsdon ME, De Camilli P.; "Deubiquitinating function of ataxin-3: Insights from the solution structure of the Josephin domain"; *Proc Natl Acad Sci U S A*; Sep 6; 102(36),12700-5.; IF:10.4520; 2005
83. Borrello MG, Alberti L, Fischer A, Degl'innocenti D, Ferrario C, **Gariboldi M**, Marchesi F, Allavena P, Greco A, Collini P, Pilotti S, Cassinelli G, Bressan P, Fugazzola L, Mantovani A, **Pierotti MA**.; "Induction of a proinflammatory program in normal human thyrocytes by the RET/PTC1 oncogene"; *Proc Natl Acad Sci U S A*; Oct 11; 102(41),14825-30; IF:10.4520; 2005
84. **Sigismund S**, **Woelk T**, Puri C, **Maspero E**, Tacchetti C, **Transidico P**, **Di Fiore PP**, **Polo S**; "Clathrin-independent endocytosis of ubiquitinated cargos"; *Proc Natl Acad Sci U S A*.; Feb 22; 102(8),2760-5; IF:10.4520; 2005
85. **Corada M**, Chimenti S, **Cera MR**, Vinci M, Salio M, Fiordaliso F, De Angelis N, Villa A, Bossi M, Staszewsky LI, Vecchi A, **Parazzoli D**, Motoike T, Latini R, **Dejana E**.; "Junctional adhesion molecule-A-deficient polymorphonuclear cells show reduced diapedesis in peritonitis and heart ischemia-reperfusion injury"; *Proc Natl Acad Sci U S A*.; Jul 26; 102(30),10634-9.; IF:10.4520; 2005
86. **Salek M**, Di Bartolo V, **Cittaro D**, **Borsotti D**, Wei J, Acuto O, **Rappsilber J**, Lehmann WD.; "Sequence tag scanning: A new explorative strategy for recognition of unexpected protein alterations by nanoelectrospray ionization-tandem mass spectrometry"; *Proteomics*; Mar; 5(3),667-74; IF:5.4830; 2005

87. Campostrini N, **Arecas LB, Rappsilber J**, Pietrogrande MC, Dondi F, Pastorino F, Ponzoni M, Righetti PG.; "Spot overlapping in two-dimensional maps: A serious problem ignored for much too long"; *Proteomics*; Jun; 5(9),2385-95; IF:5.4830; 2005
88. Carninci P, Kasukawa T, Katayama S, Gough J, Frith MC, Maeda N, Oyama R, Ravasi T, Lenhard B, Wells C, Kodzius R, Shimokawa K, Bajic VB, Brenner SE, Batalov S, Forrest AR, Zavolan M, Davis MJ, Wilming LG, Aidinis V, Allen JE, Ambesi-Impiombato A, Apweiler; "The transcriptional landscape of the mammalian genome"; *Science*; Sep 2; 309(5740),1559-63.; IF:31.8530; 2005
89. **Zanetta L, Corada M, Grazia Lampugnani M**, Zanetti A, Breviario F, Moons L, Carmeliet P, Pepper MS, **Dejana E.**; "Downregulation of vascular endothelial-cadherin expression is associated with an increase in vascular tumor growth and hemorrhagic complications"; *Thromb Haemost*; Jun; 93(6),1041-6.; IF:3.4130; 2005
90. Mazzieri R, **Blasi F**; "The urokinase receptor and the regulation of cell proliferation"; *Thromb Haemost.*; Apr; 93(4),641-6.; IF:3.4130; 2005