

## Publications

### 2013

1. **Accordi B, Galla L, Milani G, Curtarello M, Serafin V, Lissandron V, Viola G, te Kronnie G, De maria R, Petricoin E F, Liotta L A, Indraccolo S, and Basso G.** 12,104  
*AMPK inhibition enhances apoptosis in MLL-rearranged pediatric B-acute lymphoblastic leukemia cells.*  
**Leukemia.** 2013;27(5):1019-27.
2. Andolfo I, Alper SL, De Franceschi L, Auriemma C, Russo R, De Falco L, Vallefuoco F, **Esposito MR**, Vandorpe DH, Shmukler BE, Narayan R, Montanaro D, D'Armiento M, Vetro A, Limongelli I, Zuffardi O, Glader BE, Schrier SL, Brugnara C, Stewart GW, Delaunay J, Iolascon A. 11,847  
*Multiple clinical forms of dehydrated hereditary stomatocytosis arise from mutations in PIEZO1.*  
**Blood.** 2013;121(19):3925-35,S1-12.
3. Andolfo I, Alper SL, Delaunay J, Auriemma C, Russo R, Asci R, **Esposito MR**, Sharma AK, Shmukler BE, Brugnara C, De Franceschi L, Iolascon A. 5,000  
*Missense mutations in the ABCB6 transporter cause dominant familial pseudohyperkalemia.*  
**Am J Hematol.** 2013;88(1):66-72.
4. Ausserlechner MJ, Salvador C, Deutschmann A, Bodner M, **Viola G, Bortolozzi R, Basso G**, Hagenbuchner J, Obexer P. 5,008  
*Therapy-resistant acute lymphoblastic leukemia (ALL) cells inactivate FOXO3 to escape apoptosis induction by TRAIL and Noxa.*  
**Oncotarget.** 2013;4(7):995-1007.
5. Barbieri E, De Preter K, Capasso M, Johansson P, Man TK, Chen Z, Stowers P, **Tonini GP**, Speleman F, Shohet JM. 3,057  
*A p53 drug response signature identifies prognostic genes in high-risk neuroblastoma.*  
**PLoS One.** 2013;8(11):e79843.
6. Bardelli A, Corso S, Bertotti A, Hobor S, Valtorta E, Siravegna G, Sartore-Bianchi A, Scala E, Cassingena A, Zecchin D, Apicella M, Migliardi G, Galimi F, Lauricella C, **Zanon C**, Perera T, Veronese S, Corti G, Amato A, Gambacorta M, Diaz LA Jr, Sausen M, Velculescu VE, Comoglio P, Trusolino L, Di Nicolantonio F, Giordano S, Siena S. 19,783  
*Amplification of the MET receptor drives resistance to anti-EGFR therapies in colorectal cancer.*  
**Cancer Discov.** 2013;3(6):658-73.
7. Basso D, Fogar P, Falconi M, Fadi E, Sperti C, **Frasson C**, Greco E, Tamburrino D, Teolato S, Moz S, Bozzato D, Pelloso M, Padoan A, De Franchis G, Gnatta E, Facco M, Zambon CF, Navaglia F, Pasquali C, **Basso G**, Semenzato G, Pedrazzoli S, Pederzoli P, Plebani M. 3,057  
*Pancreatic tumors and immature immunosuppressive myeloid cells in blood and spleen: role of inhibitory co-stimulatory molecules PDL1 and CTLA4. An in vivo and in vitro study.*  
**PLoS One.** 2013;8(1):e54824.
8. Bausch B, Wellner U, Bausch D, Schiavi F, Barontini M, Sanso G, Walz MK, Peczkowska M, Weryha G, Dall'Igna P, Cecchetto G, Bisogno G, Moeller LC, Bockenhauer D, Patocs A, Rácz K, Zabolotnyi D, Yaremchuk S, Dzivite-Krisane I, Castinetti F, Taieb D, Malinoc A, von Dobschuetz E, Roessler J, Schmid KW, Opocher G, Eng C, Neumann HP. 4,472  
*Long-term prognosis of patients with pediatric pheochromocytoma.*  
**Endocr Relat Cancer.** 2013;21(1):17-25.

9.	<b>Bisogno G, Tagarelli A, Stramare R, Beltrame V, Carli M.</b> Hydroxyurea treatment can avoid the need for aggressive surgery in pediatric fibromatosis. <i>J Pediatr Hematol Oncol.</i> 2013;35(4):e171-3.	1,146
10.	<b>Bonvini P, Zin A, Alaggio R, Pawel B, Bisogno G and Rosolen A.</b> High ALK mRNA expression has a negative prognostic significance in rhabdomyosarcoma. <i>Br J Cancer.</i> 2013;109(12):3084-91.	5,569
11.	<b>Bortolozzi R., Ihmels H., Thomas L., Tian M., Viola G.</b> 9-(4-Dimethylaminophenyl)benzo[b]quinolizinium: a near-infrared fluorophore for the multicolour analysis of proteins and nucleic acids in living cells. <i>Chem. Eur. J.</i> 2013;19:8736-41.	5,771
12.	Brandimarte L, Pierini V, Di Giacomo D, <b>Borga C, Nozza F, Gorello P, Giordan M, Cazzaniga G, Te Kronnie G, La Starza R, Mecucci C.</b> New MLLT10 gene recombinations in pediatric T-acute lymphoblastic leukemia. <i>Blood.</i> 2013;121(25):5064-7.	11,847
13.	Capasso M, Diskin SJ, Totaro F, Longo L, De Mariano M, Russo R, Cimmino F, Hakonarson H, <b>Tonini GP, Devoto M, Maris JM, Iolascon A.</b> Replication of GWAS-identified neuroblastoma risk loci strengthens the role of BARD1 and affirms the cumulative effect of genetic variations on disease susceptibility. <i>Carcinogenesis.</i> 2013;34(3):605-11.	4,874
14.	Carotenuto M, Pedone E, Diana D, de Antonellis P, Džeroski S, Marino N, Navas L, Di Dato V, Scoppettuolo MN, Cimmino F, Correale S, Pirone L, Monti SM, Bruder E, Zenko B, Slavkov I, Pastorino F, Ponzoni M, Schulte JH, Schramm A, Eggert A, Westermann F, Arrigoni G, <b>Accordi B, Basso G, Saviano M, Fattorusso R, Zollo M.</b> Neuroblastoma tumorigenesis is regulated through the Nm23-H1/h-Prune C-terminal interaction. <i>Sci Rep.</i> 2013;3:1351.	5,228
15.	Cavicchioli ME, <b>Opocher E, Daverio M, Bendini M, Viscardi E, Bisogno G, Perilongo G, Da Dalt L.</b> Diencephalic syndrome as sign of tumor progression in a child with neurofibromatosis type 1 and optic pathway glioma: a case report. <i>Childs Nerv Syst.</i> 2013;29(10):1941-5.	1,080
16.	Cesaro S, Nesi F, Tridello G, Abate M, Panizzolo IS, Balter R, <b>Calore E.</b> A randomized, non-inferiority study comparing efficacy and safety of a single dose of pegfilgastrim versus daily filgrastim in pediatric patients after autologous peripheral blood stem cell transplant. <i>Plos One.</i> 2013;8(1):e53252.	3,057
17.	Cesaro S, <b>Pillon M, Tridello G, Aljurf M, Martino R, Schroyens W, Nozzoli C, Barba P, Faraci M, Fagioli F, Cappelli B, Cordonnier C, Al-Mohareb F, Floisand Y, Greil J, Panizzolo IS, Santarone S.</b> Relationship between clinical and BK virological response in patients with late hemorrhagic cystitis treated with cidofovir: a retrospective study from the European Group for Blood and Marrow Transplantation. <i>Bone Marrow Transplant.</i> 2013; 48(6):809-13.	3,636
18.	Cesaro S, Tintori V, Nesi F, Schiavello E, <b>Calore E, Dallorso S, Migliavacca M, Capolini I, Desantis R, Caselli D, Fagioli F, Luksch R, Panizzolo I, Tridello G, Prete A.</b> A prospective study on the efficacy of mobilization of autologous peripheral stem cells in pediatric oncohematology patients. <i>Transfusion.</i> 2013;53(7):1501-9.	3,042
19.	Chang VY, <b>Basso G, Sakamoto KM, Nelson SF.</b>	3,265

- Identification of somatic and germline mutations using whole exome sequencing of congenital acute lymphoblastic leukemia.  
**BMC Cancer.** 2013;13:55.
20. Chiaretti S, Vitale A, Cazzaniga G, Orlando SM, Silvestri D, Fazi P, Valsecchi MG, Elia L, Testi AM, Mancini F, Conter V, **Te Kronnie G**, Ferrara F, Di Raimondo F, Tedeschi A, Fioritoni G, Fabbiano F, Meloni G, Specchia G, Pizzolo G, Mandelli F, Guarini A, **Basso G**, Biondi A, Foa' R. **Clinico-biologic features of 5202 acute lymphoblastic leukemia patients enrolled in the Italian AIEOP and GIMEMA protocols and stratified in age-cohorts.** **Haematologica.** 2013;98(11):1702-10. 6,671
21. Cimino D, De Pittà C, Orso F, **Zampini M**, Casara S, Penna E, Quaglino E, Forni M, Damasco C, Pinatel E, Ponzone R, Romualdi C, Brisken C, De Bortoli M, Biglia N, Provero P, Lanfranchi G, Taverna D. *miR148b is a major coordinator of breast cancer progression in a relapse-associated microRNA signature by targeting ITGA5, ROCK1, PIK3CA, NRAS, and CSF1.* **FASEB J.** 2013;27(3):1223-35. 5,299
22. **Colombatti R**, De Bon E, Bertomoro A, Casonato A, Pontara E, Omenetto E, Saggiorato G, Steffan A, Damian T, Celli G, Teso S, Manara R, Rampazzo P, Meneghetti G, **Basso G**, Sartori MT, **Sainati L**. *Coagulation activation in children with sickle cell disease is associated with cerebral small vessel vasculopathy.* **PLoS One.** 2013;8(10):e78801. 3,057
23. **Colombatti R**, Perrotta S, Samperi P, Casale M, Masera N, Palazzi G, **Sainati L**, Russo G; on behalf of the Italian Association of Pediatric Hematology-Oncology (AIEOP) Sickle Cell Disease Working Group. *Organizing national responses for rare blood disorders: the Italian experience with sickle cell disease in childhood.* **Orphanet J Rare Dis.** 2013;8(1):169. 3,290
24. **Corallo D**, Schiavinato A, Trapani V, Moro E, Argenton F, Bonaldo P. *Emilin3 is required for notochord sheath integrity and interacts with Scube2 to regulate notochord-derived Hedgehog signals.* **Development.** 2013;140(22):4594-601. 6,059
25. D'Amore ES, Visco C, Menin A, Famengo B, **Bonvini P**, Lazzari E. *STAT3 pathway is activated in ALK-positive large B-cell lymphoma carrying SQSTM1-ALK rearrangement and provides a possible therapeutic target.* **Am J Surg Pathol.** 2013;37(5):780-6. 4,951
26. De Ioris MA, Prete A, Cozza R, Podda M, Manzitti C, Pession A, Schiavello E, Contoli B, Balter R, Fagioli F, **Bisogno G**, Amoroso L, Locatelli F, Luksch R. *Ewing sarcoma of the bone in children under 6 years of age.* **PLoS One.** 2013;8(1):e53223. 3,057
27. Doimo M, Desbats MA, Baldoin MC, Lenzini E, **Basso G**, Murphy E, Graziano C, Seri M, Burlina A, Sartori G, Trevisson E, Salviati L. *Functional analysis of missense mutations of OAT, causing gyrate atrophy of choroid and retina.* **Hum Mutat.** 2013;34(1):229-36. 5,089
28. Fagioli F, Quarello P, Zecca M, Lanino E, Rognoni C, Balduzzi A, Messina C, Favre C, Foa' R, Ripaldi M, Rutella S, **Basso G**, Prete A, Locatelli F. *Hematopoietic stem cell transplantation for children with high risk acutelymphoblastic leukemia in first complete remission: a report from the AIEOP registry.* **Haematologica.** 2013;98(8):1273-81. 6,671

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|-----|---|--------|
| 29. | Farruggia P, D'Angelo P, La Rosa M, Scibetta N, Santangelo G, Lo Bello A, Duner E, Randi ML, <b>Putti MC</b> , Santoro A.<br><i>MPL W515L mutation in pediatric essential thrombocythemia.</i><br><i>Pediatr Blood Cancer.</i> 2013;60(8):E52-4.  | 2,634  |
| 30. | Fazio G, Cazzaniga V, Palmi C, Galbiati M, <b>Giordan M</b> , <b>te Kronnie G</b> , Rolink A, Biondi A, Cazzaniga G.<br><i>PAX5/ETV6 alters the gene expression profile of precursor B cells with opposite dominant effect on endogenous PAX5.</i><br><i>Leukemia.</i> 2013;27(4):992-5.  | 12,104 |
| 31. | Ferlin MG, Carta D, <b>Bortolozzi R</b> , Ghodsi R, Chimento A, Pezzi V, Moro S, Hanke N, Hartmann RW, <b>Basso G</b> , <b>Viola G</b> .<br><i>Design, synthesis, and structure-activity relationships of azolylmethylpyrroloquinolines as nonsteroidal aromatase inhibitors.</i><br><i>J Med Chem.</i> 2013;56(19):7536-51.  | 5,589  |
| 32. | Ferrari A, Alaggio R, Meazza C, Chiaravalli S, Vajna de Pava M, Casanova M, Cavaliere E, <b>Bisogno G</b> .<br><i>Fibroblastic tumors of intermediate malignancy in childhood.</i><br><i>Expert Rev Anticancer Ther.</i> 2013;13(2):225-36.   | 2,094  |
| 33. | Ferrari A, Schneider DT, <b>Bisogno G</b> ; EXPeRT Board.<br><i>The founding of the European Cooperative Study Group on Pediatric Rare Tumors-EXPeRT.</i><br><i>Expert Rev Anticancer Ther.</i> 2013;13(1):1-3.   | 2,094  |
| 34. | Fiocco U, Sfriso P, Oliviero F, Lunardi F, Calabrese F, Scaglioni E, Cozzi L, Di Maggio A, Nardacchione R, Molena B, Felicetti M, Gazzola K, Stramare R, Rubaltelli L, <b>Accordi B</b> , Costa L, Roux-Lombard P, Punzi L, Dayer JM.<br><i>Blockade of intra-articular TNF in peripheral spondyloarthritis: its relevance to clinical scores, quantitative imaging and synovial fluid and synovial tissue biomarkers.</i><br><i>Joint Bone Spine.</i> 2013;80(2):165-70. | 2,946  |
| 35. | Gaipa G, <b>Basso G</b> , Biondi A, Campana D.<br><i>Detection of minimal residual disease in pediatric acute lymphoblastic leukemia.</i><br><i>Cytometry B Clin Cytom.</i> 2013;84(6):359-69.  | 2,822  |
| 36. | Gandre-Babbe S, Paluru P, Aribiana C, Chou ST, <b>Bresolin S</b> , Lu L, Sullivan SK, Tasian SK, Weng J, Favre H, Choi JK, French DL, Loh ML, Weiss MJ.<br><i>Patient-derived induced pluripotent stem cells recapitulate hematopoietic abnormalities of juvenile myelomonocytic leukemia.</i><br><i>Blood.</i> 2013;121(24):4925-9.  | 11,847 |
| 37. | Hasegawa D, Bugarin C, <b>Giordan M</b> , <b>Bresolin S</b> , Longoni D, Micalizzi C, Ramenghi U, Bertaina A, <b>Basso G</b> , Locatelli F, Biondi A, <b>Te Kronnie G</b> , Gaipa G.<br><i>Validation of flow cytometric phospho-STAT5 as a diagnostic tool for juvenile myelomonocytic leukemia.</i><br><i>Blood Cancer J.</i> 2013;3:e160.  | 4,411  |
| 38. | Indolfi P, Jenkner A, Terenziani M, Crocoli A, Serra A, Collini P, Biasoni D, Gandola L, <b>Bisogno G</b> , Cecchetto G, Di Martino M, D'Angelo P, Bianchi M, Conte M, Inserra A, Pession A, Spreafico F; AIEOP Wilms Tumor Working Group.<br><i>Synchronous bilateral Wilms tumor: a report from the Associazione Italiana Ematologia Oncologia Pediatrica (AIEOP).</i><br><i>Cancer.</i> 2013;119(8):1586-92.   | 5,649  |
| 39. | Korten S, Albet-Torres N, <b>Paderi F</b> , ten Siethoff L, Diez S, Korten T, <b>te Kronnie G</b> , Månsson A.  | 5,586  |

- Sample solution constraints on motor-driven diagnostic nanodevices.*  
**Lab Chip.** 2013;13(5):866-76.
40. La Starza R, Lettieri A, Pierini V, Nofrini V, Gorello P, Songia S, Crescenzi B, **Te Kronnie G**, **Giordan M**, **Leszl A**, Valsecchi MG, Aversa F, **Basso G**, Biondi A, Conter V, Cazzaniga G, Mecucci C.  
**Linking genomic lesions with minimal residual disease improves prognostic stratification in children with T-cell acute lymphoblastic leukaemia.**  
**Leuk Res.** 2013;37(8):928-35.
41. Lard M, Ten Siethoff L, Kumar S, Persson M, **Te Kronnie G**, Linke H, Månnsson A.  
*Ultrafast molecular motor driven nanoseparation and biosensing.*  
**Biosens Bioelectron.** 2013;48:145-52.
42. Lo Nigro L, Mirabile E, **Tumino M**, Caserta C, Cazzaniga G, Rizzari C, Silvestri D, **Buldini B**, Barisone E, Casale F, Luciani M, Locatelli F, **Messina C**, Micalizzi C, Pession A, Parasole R, Santoro N, Masera G, **Basso G**, Aricò M, Valsecchi MG, Biondi A, Conter V; AIEOP-Scientific Committee of ALL.  
**Detection of PICALM-MLLT10 (CALM-AF10) and outcome in children with T-lineage acute lymphoblastic leukemia.**  
**Leukemia.** 2013;27(12):2419-21.
43. Marioni G, Nucci R, Marino F, Cappelesso R, **Pillon M**, Zanoletti E, Giacomelli L, Franchella S, Billo P, Pareschi R, Martini A.  
*Evaluation of the prognostic role of pSTAT3 expression in temporal bone squamous cell carcinoma.*  
**Otol Neurotol.** 2013;34(8):1476-82.
44. **Marzollo A**, **Colombatti R**, **Sainati L**.  
*Airways obstruction and pulmonary capillary blood volume in children with sickle cell disease.*  
**Pediatr Pulmonol.** 2013; 49(7):723
45. Masetti R, **Pigazzi M**, Togni M, Astolfi A, Indio V, **Manara E**, Casadio R, Pession A, **Basso G**, Locatelli F.  
**CBFA2T3-GLIS2 fusion transcript is a novel common feature in pediatric, cytogenetically normal AML, not restricted to FAB M7 subtype.**  
**Blood.** 2013;121(17):3469-72.
46. Masetti R, Togni M, Astolfi A, Pigazzi M, **Manara E**, Indio V, Rizzari C, Rutella S, **Basso G**, Pession A, Locatelli F.  
*DHH-RHEBL1 fusion transcript: a novel recurrent feature in the new landscape of pediatric CBFA2T3-GLIS2-positive acute myeloid leukemia.*  
**Oncotarget.** 2013;4(10):1712-20.
47. Meyer C, Hofmann J, Burmeister T, Gröger D, Park TS, Emerenciano M, Pombo de Oliveira M, Renneville A, Villarese P, Macintyre E, Cavé H, Clappier E, Mass-Malo K, Zuna J, Trka J, De Braekeleer E, De Braekeleer M, Oh SH, Tsaur G, Fechina L, van der Velden VH, van Dongen JJ, Delabesse E, Binato R, Silva ML, Kustanovich A, Aleinikova O, Harris MH, Lund-Aho T, Juvonen V, Heidenreich O, Vormoor J, Choi WW, Jarosova M, Kolenova A, Bueno C, Menendez P, Wehner S, Eckert C, Talmant P, Tondeur S, Lippert E, Launay E, Henry C, Ballerini P, Lapillone H, Callanan MB, Cayuela JM, Herbaux C, Cazzaniga G, Kakadiya PM, Bohlander S, Ahlmann M, Choi JR, Gameiro P, Lee DS, Krauter J, Cornillet-Lefebvre P, **Te Kronnie G**, Schäfer BW, Kubetzko S, Alonso CN, zur Stadt U, Sutton R, Venn NC, Izraeli S, Trakhtenbrot L, Madsen HO, Archer P, Hancock J, Cerveira N, Teixeira MR, Lo Nigro L, Möricke A, Stanulla M, Schrappe M, Sedék L, Szczepański T, Zwaan CM, Coenen EA, van den Heuvel-Eibrink MM, Strehl S, Dworzak M, Panzer-Grümayer R, Dingermann T, Klingebiel T, Marschalek R.  
*The MLL recombinome of acute leukemias in 2013.*

	<b>Leukemia.</b> 2013;27(11):2165-76.	
48.	<b>Montanaro M, Colombatti R, Pugliese M, Migliozi C, Zani F, Guerzoni ME, Manoli S, Manara R, Meneghetti G, Rampazzo P, Cavalleri F, Giordan M, Paolucci P, Basso G, Palazzi G, Sainati L.</b> Intellectual function evaluation of first generation immigrant children with sickle cell disease: the role of language and sociodemographic factors. <b>Ital J Pediatr.</b> 2013;39:36.	1,614
49.	<b>Mussolin L, Burnelli R, Pillon M, Carraro E, Farruggia P, Todesco A, Mascarin M, Rosolen A.</b> Plasma cell-free DNA in paediatric lymphomas. <b>J Cancer.</b> 2013;4(4):323-9.	3,609
50.	<b>Mussolin L, Damm-Welk C, Pillon M, Zimmermann M, Franceschetto G, Pulford K, Reiter A, Rosolen A, Woessmann W.</b> Use of minimal disseminated disease and immunity to NPM-ALK antigen to stratify ALK-positive ALCL patients with different prognosis. <b>Leukemia.</b> 2013;27(2):416-22 .	12,104
51.	Nikolaev SI, Santoni F, Vannier A, Falconnet E, Giarin E, Basso G, Hoischen A, Veltman JA, Groet J, Nizetic D, Antonarakis SE. Exome sequencing identifies putative drivers of progression of transient myeloproliferative disorder to AMKL in infants with Down Syndrome. <b>Blood.</b> 2013;122(4):554-61.	11,847
52.	Orbach D, Brennan B, Casanova M, Bergeron C, Mosseri V, Francotte N, Van Noesel M, Rey A, Bisogno G, Pierron G, Ferrari A. Paediatric and adolescent alveolar soft part sarcoma: A joint series from European cooperative groups. <b>Pediatr Blood Cancer.</b> 2013;60(11):1826-32.	2,634
53.	Palmi C, Lana T, Silvestri D, Savino A, Kronnie GT, Conter V, Basso G, Biondi A, Valsecchi MG, Cazzaniga G. Impact of IKZF1 deletions on IKZF1 expression and outcome in Philadelphia chromosome negative childhood BCP-ALL. Reply to "Incidence and biological significance of IKZF1/Ikaros gene deletions in pediatric Philadelphia chromosome negative and Philadelphia chromosome positive B-cell precursor acute lymphoblastic leukemia". <b>Haematologica.</b> 2013;98(12):e164-5.	6,671
54.	Palmi C, Valsecchi MG, Longinotti G, Silvestri D, Carrino V, Conter V, Basso G, Biondi A, Te Kronnie G, Cazzaniga G. What is the relevance of Ikaros gene deletions as prognostic marker in pediatric Philadelphia negative B-cell precursor acute lymphoblastic leukemia? <b>Haematologica.</b> 2013;98(8):1226-31.	6,671
55.	Passariello A, De Brasi D, Defferrari R, Genesio R, Tufano M, Mazzocco K, Capasso M, Migliorati R, Martinsson T, Siani P, Nitsch L, Tonini GP. Constitutional 11q14-q22 chromosome deletion syndrome in a child with neuroblastoma MYCN single copy. <b>Eur J Med Genet.</b> 2013;56(11):626-34.	1,810
56.	Pepe A, Meloni A, Rossi G, Cuccia L, D'Ascola GD, Santodirocco M, Cianciulli P, Caruso V, Romeo MA, Filosa A, Pitrolo L, Putti MC, Peluso A, Campisi S, Missere M, Midiri M, Gulino L, Positano V, Lombardi M, Ricchi P. Cardiac and hepatic iron and ejection fraction in thalassemia major: multicentre prospective comparison of combined deferiprone and deferoxamine therapy against deferiprone or deferoxamine monotherapy. <b>J Cardiovasc Magn Reson.</b> 2013;15:1.	5,752

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|-----|---|--------|
| 57. | Perez-Garcia A, Ambesi-Impiombato A, Hadler M, Rigo I, Leduc CA, Kelly K, Jalas C, Paietta E, Racevskis J, Rowe JM, Tallman MS, Paganin M, <b>Basso G</b> , Tong W, Chung WK, Ferrando AA.<br><i>Genetic loss of SH2B3 in acute lymphoblastic leukemia.</i><br><b>Blood.</b> 2013;122(14):2425-32.  | 11,847 |
| 58. | <b>Persano L, Rampazzo E, Basso G, Viola G.</b><br><i>Glioblastoma cancer stem cells: role of the microenvironment and therapeutic targeting.</i><br><b>Biochem Pharmacol.</b> 2013;85(5):612-22.   | 5,091  |
| 59. | Perseghin P, Marchetti M, <b>Messina C</b> , Mazzoni A, Carlier P, Perotti C, Salvaneschi L, Risso M, Fanin R, Olivieri A, Accorsi P, Locatelli F, Bacigalupo A, Pierelli L, Bosi A; Società Italiana di Emaferesi e Manipolazione Cellulare; Gruppo Italiano Trapianto di Midollo Osseo.<br><i>Best practice recommendations in: (1) Peripheral blood stem cell mobilization and collection and (2) acute and chronic GvHD treatment using extracorporeal photopheresis. A joint effort from SIdEM (Società Italiana di Emaferesi e Manipolazione Cellulare) and GITMO (Gruppo Italiano Trapianto di Midollo Osseo).</i><br><b>Transfus Apher Sci.</b> 2013;48(2):195-6. | 0,963  |
| 60. | Pession A, Masetti R, Rizzari C, <b>Putti MC</b> , Casale F, Fagioli F, Luciani M, Lo Nigro L, Menna G, Micalizzi C, Santoro N, Testi AM, Zecca M, Biondi A, <b>Pigazzi M</b> , Rutella S, Rondelli R, <b>Basso G</b> , Locatelli F; AIEOP AML Study Group.<br><i>Results of the AIEOP AML 2002/01 multicenter prospective trial for treatment of children with acute myeloid leukemia.</i><br><b>Blood.</b> 2013;122(2):170-8.   | 11,847 |
| 61. | Pierelli L, Perseghin P, Marchetti M, <b>Messina C</b> , Perotti C, Mazzoni A, Bacigalupo A, Locatelli F, Carlier P, Bosi A; Società Italiana di Emaferesi and Manipolazione Cellulare (SIdEM); Gruppo Italiano Trapianto Midollo Osseo (GITMO). <i>Extracorporeal photopheresis for the treatment of acute and chronic graft-versus-host disease in adults and children: best practice recommendations from an Italian Society of Hemapheresis and Cell Manipulation (SIdEM) and Italian Group for Bone Marrow Transplantation (GITMO) consensus process.</i><br><b>Transfusion.</b> 2013;53(10):2340-52.  | 3,042  |
| 62. | <b>Pigazzi M, Manara E, Bresolin S, Tregnago C, Beghin A, Baron E, Giarin E, Cho EC, Masetti R, Rao DS, Sakamoto KM, Basso G.</b><br><i>MicroRNA-34b promoter hypermethylation induces CREB overexpression and contributes to myeloid transformation.</i><br><b>Haematologica.</b> 2013;98(4):602-10.   | 6,671  |
| 63. | <b>Pillon M, Tridello G, Boaro MP, Messina C, Putti MC, Varotto S, Petris MG, Scrimin S, Zanesco L, Rosolen A, Basso G.</b><br><i>Psychosocial life achievements in adults even if they received prophylactic cranial irradiation for acute lymphoblastic leukemia during childhood.</i><br><b>Leuk Lymphoma.</b> 2013;54(2):315-20.  | 3,093  |
| 64. | Piovan E, Yu J, Tosello V, Herranz D, Ambesi-Impiombato A, Da Silva AC, Sanchez-Martin M, Perez-Garcia A, Rigo I, Castillo M, Indraccolo S, Cross JR, de Stanchina E, Paietta E, Racevskis J, Rowe JM, Tallman MS, <b>Basso G</b> , Meijerink JP, Cordon-Cardo C, Califano A, Ferrando AA.<br><i>Direct Reversal of Glucocorticoid Resistance by AKT Inhibition in Acute Lymphoblastic Leukemia.</i><br><b>Cancer Cell.</b> 2013;24(6):766-76.  | 23,214 |
| 65. | <b>Porcù E, Viola G, Bortolozzi R, Persano L, Mitola S, Ronca R, Presta M, Romagnoli R, Baraldi PG, Basso G.</b><br><i>TR-644 a novel potent tubulin binding agent induces impairment of endothelial cells function and inhibits angiogenesis.</i><br><b>Angiogenesis.</b> 2013;16(3):647-62.   | 4,301  |

66.	Rabusin M, Snowden JA, Veys P, Quartier P, Dalle JH, Dhooge C, Di Bartolomeo P, Gonzalez-Vicent M, Gibson B, Iriondo A, Juergens H, Lisukov I, <b>Messina C</b> , Mialou V, Steward CG, Urban C, Renard M, Giurici N, Peters C, Badoglio M, Ronfani L, Dini G, Farge D, Saccardi R; European Group for Blood and Marrow Transplantation Autoimmune Diseases and Paediatric Disease Working Parties. <i>Long-term outcomes of hematopoietic stem cell transplantation for severe treatment-resistant autoimmune cytopenia in children.</i> <b>Biol Blood Marrow Transplant.</b> 2013;19(4):666-9.	3,980
67.	<b>Rampazzo E, Persano L, Pistollato F, Moro E, Frasson C, Porazzi P, Della Puppa A, Bresolin S, Battilana G, Indraccolo S, Te Kronnie G, Argenton F, Tiso N, Basso G.</b> <i>Wnt activation promotes neuronal differentiation of glioblastoma.</i> <b>Cell Death Dis.</b> 2013;4:e500.	5,378
68.	Romagnoli R, Baraldi PG, Kimatrai Salvador M, Preti D, Aghazadeh Tabrizi M, Bassetto M, Brancale A, Hamel E, Castagliuolo I, <b>Bortolozzi R, Basso G, Viola G.</b> <i>Synthesis and biological evaluation of 2-(alkoxycarbonyl)-3-anilinobenzo[b]thiophenes and thieno[2,3-b]pyridines as new potent anticancer agents.</i> <b>J Med Chem.</b> 2013;56(6):2606-18.	5,589
69.	Romagnoli R, Baraldi PG, Lopez-Cara C, Preti D, Aghazadeh Tabrizi M, Balzarini J, Bassetto M, Brancale A, Fu XH, Gao Y, Li J, Zhang SZ, Hamel E, <b>Bortolozzi R, Basso G, Viola G.</b> <i>Concise synthesis and biological evaluation of 2-Aroyl-5-amino benzo[b]thiophene derivatives as a novel class of potent antimitotic agents.</i> <b>J Med Chem.</b> 2013;56(22):9296-309.	5,589
70.	Rossetto M, <b>Persano L</b> , Scienza R, Della Puppa A. <i>Hydrocephalus after meningioma surgery.</i> <b>Neurosurg Focus.</b> 2013;35(5):E8.	2,546
71.	Russo R, <b>Esposito MR</b> , Iolascon A. <i>Inherited hematological disorders due to defects in coat protein (COP)II complex.</i> <b>Am J Hematol.</b> 2013;88(2):135-40.	5,000
72.	Russo R, Langella C, <b>Esposito MR</b> , Gambale A, Vitiello F, Vallefuoco F, Ek T, Yang E, Iolascon A. <i>Hypomorphic mutations of SEC23B gene account for mild phenotypes of congenital dyserythropoietic anemia type II.</i> <b>Blood Cells Mol Dis.</b> 2013; 51(1):17-21.	2,731
73.	Totaro F, Cimmino F, Pignataro P, Acierno G, De Mariano M, Longo L, <b>Tonini GP</b> , Iolascon A, Capasso M. <i>Impact of interleukin-6 -174 G&gt;C gene promoter polymorphism on neuroblastoma.</i> <b>PLoS One.</b> 2013;8(10):e76810.	3,057
74.	<b>Tremolada M</b> , Bonichini S, Aloisio D, <b>Schiavo S, Carli M, Pillon M.</b> <i>Post-traumatic stress symptoms among mothers of children with leukemia undergoing treatment: a longitudinal study.</i> <b>Psychooncology.</b> 2013;22(6):1266-72.	3,256
75.	Tzoneva G, Perez-Garcia A, Carpenter Z, Khiabanian H, Tosello V, Allegretta M, Paietta E, Racevskis J, Rowe JM, Tallman MS, <b>Paganin M, Basso G</b> , Hof J, Kirschner-Schwabe R, Palomero T, Rabadan R, Ferrando A. <i>Activating mutations in the NT5C2 nucleotidase gene drive chemotherapy resistance in relapsed ALL.</i> <b>Nat Med.</b> 2013;19(3):368-71.	30,357
76.	Valdora F, Banelli B, Stigliani S, Pfister SM, Moretti S, Kool M, Remke M, Bai AH, Brigati C,	3,257

Hiebscher T, Romani M, Servidei T, Zollo M, Cinalli G, Oberthuer A, **Tonini GP**, Coco S. *Epigenetic Silencing of DKK3 in medulloblastoma.* *Int J Mol Sci.* 2013;14(4):7492-505.

## 2014

- |     |  |        |
|-----|--|--------|
| 77. | Agnusdei V, Minuzzo S, <b>Frasson C</b> , Grassi A, Axelrod F, Satyal S, Gurney A, Hoey T, <b>Seganfreddo E</b> , <b>Basso G</b> , Valtorta S, Moresco R, Amadori A, Indraccolo S. <i>Therapeutic antibody targeting of Notch1 in T-acute lymphoblastic leukemia xenografts.</i> <i>Leukemia.</i> 2014;28(2):278-88.   | 12,104 |
| 78. | Aricò A, Ferrarese S, <b>Bresolin S</b> , Marconato L, Comazzi S, <b>Te Kronnie G</b> , Aresu L. <i>Array-based comparative genomic hybridization analysis reveals chromosomal copy number aberrations associated with clinical outcome in canine diffuse large B-cell lymphoma.</i> <i>PLoS One.</i> 2014;9(11):e111817.  | 3,057  |
| 79. | Azzolin L, Panciera T, Soligo S, Enzo E, Bicciato S, Dupont S, <b>Bresolin S</b> , <b>Frasson C</b> , <b>Basso G</b> , Guzzardo V, Fassina A, Cordenonsi M, Piccolo S. <i>YAP/TAZ Incorporation in the β-Catenin destruction complex orchestrates the Wnt Response.</i> <i>Cell.</i> 2014;158(1):157-70.   | 28,710 |
| 80. | Barbieri E, De Preter K, Capasso M, Chen Z, Hsu DM, <b>Tonini GP</b> , Lefever S, Hicks J, Versteeg R, Pession A, Speleman F, Kim ES, Shohet JM. <i>Histone chaperone CHAF1A inhibits differentiation and promotes aggressive neuroblastoma.</i> <i>Cancer Res.</i> 2014;74(3):765-74.   | 8,556  |
| 81. | Barone A, Lucarelli A, Onofrillo D, Verzagnassi F, Bonanomi S, Cesaro S, Cugno C, Fioredda F, Iori AP, Ladogana S, Locasciulli A, Longoni D, Lanciotti M, Macaluso A, Mandaglio R, Marra N, Martire B, Maruzzi M, Menna G, Notarangelo L, Palazzi G, Pillon M, Ramenghi U, Russo G, Svahn J, F. Timeus F, Tucci F, Zecca M, Farruggia P, C. Dufour C, P. Saracco P. Gruppo di Lavoro "Insufficienze Midollari" dell'AIEOP Associazione Italiana di Ematologia Oncologia Pediatrica. <i>Raccomandazioni diagnostico-terapeutiche sulle aplasie midollari acquisite in età pediatrica.</i> Medico e Bambino 2014 |        |
| 82. | Baytas SN, Inceler N, Yilmaz A, Olgac A, Menevse S, Banoglu E, Hamel E, <b>Bortolozzi R</b> , <b>Viola G</b> . <i>Synthesis, biological evaluation and molecular docking studies of trans-indole-3-acryl amide derivatives as tubulin polymerization inhibitors.</i> <i>Bioorg. Med. Chem.</i> 2014;22(12), 3096-104.  | 2,923  |
| 83. | Bertacchini J, Guida M, <b>Accordi B</b> , Mediani L, Martelli AM, Barozzi P, Petricoin E 3rd, Liotta L, <b>Milani G</b> , <b>Giordan M</b> , Luppi M, Forghieri F, De Pol A, Cocco L, <b>Basso G</b> , Marmiroli S. <i>Feedbacks and adaptive capabilities of the PI3K/Akt/mTOR axis in Acute Myeloid Leukemia revealed by pathway selective inhibition and phosphoproteome analysis.</i> <i>Leukemia.</i> 2014;28(11):2197-205.  | 12,104 |
| 84. | <b>Bisogno G</b> , Brennan B, Orbach D, Stachowicz-Stencel T, Cecchetto G, Indolfi P, Bien E, Ferrari A, Dommange-Romero F. <i>Treatment and prognostic factors in pleuropulmonary blastoma: An EXPeRT report.</i> <i>Eur J Cancer.</i> 2014;50(1):178-84.   | 6,163  |
| 85. | <b>Bisogno G</b> , Tagarelli A, Schiavetti A, Scarzello G, Ferrari A, Cecchetto G, Alaggio R. <i>Myoepithelial carcinoma treatment in children: A report from the TREP project.</i> <i>Pediatr Blood Cancer.</i> 2014;61(4):643-6.   | 2,634  |
| 86. | Bleeker FE, Lamba S, <b>Zanon C</b> , Molenaar RJ, Hulsebos TJ, Troost D, van Tilborg AA,  | 3,265  |

	Vandertop WP, Leenstra S, van Noorden CJ, Bardelli A. <i>Mutational profiling of kinases in glioblastoma.</i> <b>BMC Cancer.</b> 2014;14:718.	
87.	Borgna-Pignatti C, Garani MC, Forni GL, Cappellini MD, Cassinero E, Fidone C, Spadola V, Maggio A, Restivo Pantalone G, Piga A, Longo F, Gamberini MR, Ricchi P, Costantini S, D'Ascola D, Cianciulli P, Lai ME, Carta MP, Ciancio A, Cavalli P, <b>Putti MC</b> , Barella S, Amendola G, Campisi S, Capra M, Caruso V, Colletta G, Volpato S. <i>Hepatocellular carcinoma in thalassaemia: an update of the Italian Registry.</i> <b>Br J Haematol.</b> 2014;167(1):121-6.	5,812
88.	<b>Bortolozzi R, Viola G, Porcù E, Consolaro F</b> , Marzano C, Pellei M, Gandin V, <b>Basso G</b> . <i>A novel copper(I) complex induces ER-stress-mediated apoptosis and sensitizes B-acute lymphoblastic leukemia cells to chemotherapeutic agents.</i> <b>Oncotarget.</b> 2014; 5(15):5978-91.	5,008
89.	<b>Bortolozzi R.</b> , von Gradowski S., Ihmels H., Schäfer K., <b>Viola G</b> . <i>Selective Ratiometric Detection of H<sub>2</sub>O<sub>2</sub> in Water and in Living Cells with Boronobenz[b]quinolizinium Derivatives.</i> <b>Chem. Comm.</b> 2014;50: 8242-5.	6,567
90.	Bresolin S., De Filippi P., Cagioni C., Cesaro S., Di Meglio A., Leszl A., Aprili F., Cugno C., <b>Frasson C.</b> , Zecca M., Danesino C. and te Kronnie G. <i>Discordant Disease Course in a Monozygotic Twin Pair with Juvenile Myelomonocytic Leukemia.</i> <b>J Genet Genome Res.</b> 2014;vol 1:Issue 2	3,981
91.	Buitenkamp TD, Izraeli S, Zimmermann M, Forestier E, Heerema NA, van den Heuvel-Eibrink MM, Pieters R, Korbiijn CM, Silverman LB, Schmiegelow K, Liang DC, Horibe K, Arico M, Biondi A, <b>Basso G</b> , Rabin KR, Schrappe M, Cario G, Mann G, Morak M, Panzer-Grümayer R, Mondelaers V, Lammens T, Cavé H, Stark B, Ganmore I, Moorman AV, Vora A, Hunger SP, Pui CH, Mullighan CG, Manabe A, Escherich G, Kowalczyk JR, Whitlock JA, Zwaan CM. <i>Acute lymphoblastic leukemia in children with Down syndrome: a retrospective analysis from the Ponte di Legno study group.</i> <b>Blood.</b> 2014;123(1):70-7.	11,847
92.	Castagnetti M, Angelini L, Alaggio R, Scarzello G, <b>Bisogno G</b> , Rigamonti W. <i>Oncological outcome and urinary function after radical cystectomy for rhabdomyosarcoma in children: role of the orthotopic ileal neo-bladder based on a 15-year experience at a single centre.</i> <b>J Urol.</b> 2014;191(6):1850-5.	4,7
93.	Cesaro S, De Filippi P, <b>Di Meglio A, Leszl A</b> , Donska S, Zaccaron A, Cagioni C, Galavotti R, Danesino C, Aprili F, Cugno C, <b>Te Kronnie G</b> , Zecca M, <b>Bresolin S</b> . <i>Different outcomes of allogeneic hematopoietic stem cell transplant in a pair of twins affected by juvenile myelomonocytic leukemia.</i> <b>Int J Hematol.</b> 2014;99(2):208-12.	1,846
94.	Cesaro S, <b>Pegoraro A, Tridello G, Pillon M</b> , Cannata E, Faggin S, Cecchetto G. <i>The role of surgery in the treatment of invasive fungal infection in paediatric haematology patients: a retrospective single-centre survey.</i> <b>Mycoses.</b> 2014;57(7):394-9.	2,332
95.	Chiaravalli S, Guzzo M, <b>Bisogno G</b> , De Pasquale MD, Migliorati R, De Leonardis F, Collini P, Casanova M, Cecchetto G, Ferrari A. <i>Salivary gland carcinomas in children and adolescents: the Italian TREP project experience.</i> <b>Pediatr Blood Cancer.</b> 2014;61(11):1961-8.	2,634
96.	Ciambotti B, <b>Mussolin L</b> , d'Amore ES, <b>Pillon M</b> , Sieni E, Coniglio ML, Ros MD, Cetica V, Aricò	1,090

- M, Rosolen A.**  
*Monoallelic Mutations of the Perforin Gene may Represent a Predisposing Factor to Childhood Anaplastic Large Cell Lymphoma.*  
**J Pediatr Hematol Oncol.** 2014;36(6):e359-65.
97. Ciarapica R, De Salvo M, Carcarino E, Bracaglia G, Adesso L, Leoncini PP, Dall'agnese A, Walters ZS, Verginelli F, De Sio L, Boldrini R, Inserra A, **Bisogno G, Rosolen A, Alaggio R, Ferrari A, Collini P, Locatelli M, Stifani S, Screpanti I, Rutella S, Yu Q, Marquez VE, Shipley J, Valente S, Mai A, Miele L, Puri PL, Locatelli F, Palacios D, Rota R.**  
*The Polycomb group (PcG) protein EZH2 supports the survival of PAX3-FOXO1 alveolar rhabdomyosarcoma by repressing FBXO32 (Atrogin1/MAFbx).*  
**Oncogene.** 2014;33(32):4173-84.
98. Conter V, Valsecchi MG, Parasole R, **Putti MC, Locatelli F, Barisone E, Lo Nigro L, Santoro N, Aricò M, Ziino O, Pession A, Testi AM, Micalizzi C, Casale F, Zecca M, Casazza G, Tamaro P, La Barba G, Notarangelo LD, Silvestri D, Colombini A, Rizzari C, Biondi A, Masera G, Basso G.**  
*Childhood high-risk acute lymphoblastic leukemia in first remission: results after chemotherapy or transplant from the AIEOP ALL 2000 study.*  
**Blood.** 2014;123(10):1470-8.
99. Cosimelli B, Laneri S, Ostacolo C, Sacchi A, Severi E, **Porcù E, Rampazzo E, Moro E, Basso G, Viola G.**  
*Synthesis and biological evaluation of imidazo[1,2-a]pyrimidines and imidazo[1,2-a]pyridines as new inhibitors of the Wnt/β-catenin signaling.*  
**Eur J Med Chem.** 2014;83:45-56.
100. Dall'Acqua S, **Linardi MA, Bortolozzi R, Clauser M, Marzocchini S, Maggi F, Nicoletti M, Innocenti G, Basso G, Viola G.**  
*Natural daucane esters induces apoptosis in leukaemic cells through ROS production.*  
**Phytochemistry.** 2014;108:147-56.
101. Dall'Igna P, Virgone C, De Salvo GL, Bertorelle R, Indolfi P, De Paoli A, Buffa P, Conte M, Esposito G, Inserra A, Candiotti C, D'Onofrio V, Boldrini R, Ferrari A, Bisogno G, Alaggio R, Cecchetto G.  
*Adrenocortical tumors in Italian children: analysis of clinical characteristics and P53 status. Data from the national registries.*  
**J Pediatr Surg.** 2014;49(9):1367-71.
102. Damm-Welk C, **Mussolin L, Zimmermann M, Pillon M, Klapper W, Oschlies I, d'Amore ES, Reiter A, Woessmann W, Rosolen A.**  
*Early assessment of minimal residual disease identifies patients at very high relapse risk in NPM-ALK-positive anaplastic large-cell lymphoma.*  
**Blood.** 2014;123(3):334-7.
103. De Martin S, Paliuri G, Belloni A, Orso G, Zanarella E, Stellin G, Milanesi O, **Basso G, Ruga EM, Frasson C, Gabbia D, Perdoncin G, Palatini P, Bova S.**  
*Expression and distribution of the adrenomedullin system in newborn human thymus.*  
**PLoS One.** 2014;9(5):e97592.
104. De Rocco D, Bottega R, Cappelli E, Cavani S, Criscuolo M, Nicchia E, Corsolini F, Greco C, Borriello A, Svahn J, **Pillon M, Mecucci C, Casazza G, Verzegnassi F, Cugno C, Locasciulli A, Farruggia P, Longoni D, Ramenghi U, Barberi W, Tucci F, Perrotta S, Grammatico P, Hanenberg H, Della Ragione F, Dufour C, Savoia A.**  
*Molecular analysis of Fanconi anemia: the experience of the Bone Marrow Failure Study Group of the Italian Association of Pediatric Onco-Hematology.*  
**Haematologica.** 2014;99(6):1022-31.
105. De Salvo M, Raimondi L, Vella S, Adesso L, Ciarapica R, Verginelli F, Pannuti A, Citti A, 3,057

Boldrini R, Milano GM, Cacchione A, Ferrari A, Collini P, **Rosolen A**, **Bisogno G**, Alaggio R, Inserra A, Locatelli M, Stifani S, Screpanti I, Miele L, Locatelli F, Rota R.  
*Hyper-activation of notch3 amplifies the proliferative potential of rhabdomyosarcoma cells.*  
**PLoS One.** 2014;9(5):e96238.

- |      |   |       |
|------|---|-------|
| 106. | Della Puppa A, Gioffrè G, Gardiman MP, <b>Frasson C</b> , Cecchin D, Scienza R, <b>Persano L</b> .<br><i>Intra-operative 5-aminolevulinic acid (ALA)-induced fluorescence of medulloblastoma: phenotypic variability and CD133+ expression according to different fluorescence patterns.</i><br><b>Neurol Sci.</b> 2014;35(1):99-102.   | 1,783 |
| 107. | Dufour C, <b>Pillon M</b> , Passweg J, Sociè G, Bacigalupo A, Franceschetto G, <b>Carraro E</b> , Oneto R, Risitano AM, Peffault de Latour R, Tichelli A, Rovo A, Peters C, Hoechsmann, Samarasinghe S, Kalasekararaju AG, Schrezenmeier H, Alijurf M, Marsh J.<br><i>Outcome of aplastic anemia in adolescence: a survey of the Severe Aplastic Anemia Working Party of the European Group for Blood and Marrow Transplantation.</i><br><b>Haematologica.</b> 2014;99(10):1574-81. | 6,671 |
| 108. | Faraci M, Zecca M, <b>Pillon M</b> , Rovelli A, Menconi MC, Ripaldi M, Fagioli F, Rabusin M, Ziino O, Lanino E, Locatelli L, Daikeler T, Prete A<br><i>Autoimmune Hematological Diseases after Allogeneic Hematopoietic Stem Cell Transplantation in Children: An Italian Multicenter Experience.</i><br><b>Biol Blood Marrow Transplant.</b> 2014;20(2):272-8.   | 3,980 |
| 109. | Ferraresso S, <b>Bresolin S</b> , Aricò A, Comazzi S, Gelain ME, Riondato F, Bargelloni L, Marconato L, <b>Kronnie Gt</b> , Aresu L.<br><i>Epigenetic silencing of TFPI-2 in canine diffuse large B-cell lymphoma.</i><br><b>PLoS One.</b> 2014;9(4):e92707.  | 3,057 |
| 110. | Ferrari A, <b>Bisogno G</b> , Cecchetto G, Santinami M, Maurichi A, Bono A, Vajna De Pava M, Pierani P, Bertolini P, Rossi CR, De Salvo GL.<br><i>Cutaneous melanoma in children and adolescents: the Italian rare tumors in pediatric age project experience.</i><br><b>J Pediatr.</b> 2014;164(2):376-82. e1-2.   | 3,890 |
| 111. | Ferrari S, Meazza C, Palmerini E, Tamburini A, Fagioli F, Cozza R, Ferraresi V, <b>Bisogno G</b> , Mascarin M, Cefalo G, Manfrini M, Capanna R, Biagini R, Donati D, Picci P. <b>Nonmetastatic osteosarcoma of the extremity. Neoadjuvant chemotherapy with methotrexate, cisplatin, doxorubicin and ifosfamide. An Italian Sarcoma Group study (ISG/OS-Oss).</b><br><b>Tumori.</b> 2014;100(6):612-9.  | 1,071 |
| 112. | Fiocco U, <b>Accordi B</b> , Martini V, Oliviero F, Facco M, Cabrelle A, Piva L, Molena B, Caso F, Costa L, Scanu A, Pagnin E, Atteno M, Scarpa R, <b>Basso G</b> , Semenzato G, Punzi L, Doria A, Dayer JM.<br><i>JAK/STAT/PKCδ molecular pathways in synovial fluid T lymphocytes reflect the in vivo T helper-17 expansion in psoriatic arthritis.</i><br><b>Immunol Res.</b> 2014;58(1):61-9.   | 2,934 |
| 113. | Franca R, Rebora P, Athanasakis E, Favretto D, Verzegnassi F, <b>Basso G</b> , Tommasini A, Valsecchi MG, Decorti G, Rabusin M.<br><i>TNF-α SNP rs1800629 and risk of relapse in childhood acute lymphoblastic leukemia: relation to immunophenotype.</i><br><b>Pharmacogenomics.</b> 2014;15(5):619-27.  | 2,710 |
| 114. | Franchi N, Piccinni E, Ferro D, <b>Basso G</b> , Spolaore B, Santovito G, Ballarin L.<br><i>Characterization and transcription studies of a phytochelatin synthase gene from the solitary tunicate Ciona intestinalis exposed to cadmium.</i><br><b>Aquat Toxicol.</b> 2014;152:47-56.  | 3,557 |

115. Gambacorti Passerini C, Farina F, Stasia A, Redaelli S, Ceccon M, Mologni L, Messa C, Guerra L, Giudici G, Sala E, **Mussolin L**, Deeren D, King MH, Steurer M, Ordemann R, Cohen AM, Grube M, Bernard L, Chiriano G, Antolini L, Piazza R.  
*Crizotinib in advanced, chemoresistant anaplastic lymphoma kinase-positive lymphoma patients.*  
**J Natl Cancer Inst.** 2014;106(2):djt378
116. Hrušák O, **Basso G**, Ratei R, Gaipa G, Luria D, Mejstříková E, Karawajew L, **Buldini B**, Rozenthal E, Bourquin JP, Kalina T, Sartor M, Dworzak MN; AIEOP-BFM Flow Network.  
*Flow diagnostics essential code: a simple and brief format for the summary of leukemia phenotyping.*  
**Cytometry B Clin Cytom.** 2014;86(4):288-91.
117. La Starza R, **Borga C**, Barba G, Pierini V, Schwab C, Matteucci C, Lema Fernandez AG, **Leszl A**, Cazzaniga G, Chiaretti S, **Basso G**, Harrison CJ, **te Kronnie G**, Mecucci C.  
*Genetic profile of T-cell acute lymphoblastic leukemias with MYC-translocations.*  
**Blood.** 2014;124(24):3577-82. 11,847
118. Lane AA, Chapuy B, Lin CY, Tivey T, Li H, Townsend EC, van Bodegom D, Day TA, Wu SC, Liu H, Yoda A, Alexe G, Schinzel AC, Sullivan TJ, Malinge S, Taylor JE, Stegmaier K, Jaffe JD, Bustin M, **te Kronnie G**, Izraeli S, Harris MH, Stevenson KE, Neuberg D, Silverman LB, Sallan SE, Bradner JE, Hahn WC, Crispino JD, Pellman D, Weinstock DM.  
*Tripllication of a 21q22 region contributes to B cell transformation through HMGN1 overexpression and loss of histone H3 Lys27 trimethylation.*  
**Nat Genet.** 2014;46(6):618-23. 31,616
119. Lesma G, Sacchetti A, Bai R, **Basso G**, Bortolozzi R, Hamel E, Silvani A, Vaiana N, Viola G.  
*Hemiassterlin analogues incorporating an aromatic, and heterocyclic type C-terminus: design, synthesis and biological evaluation.*  
**Mol Divers.** 2014;18(2):357-73. 2,080
120. Lignitto L, Mattiolo A, Negri E, **Persano L**, Gianesello L, Chieco-Bianchi L, Calabrò ML.  
*Crosstalk between the mesothelium and lymphomatous cells: insight into the mechanisms involved in the progression of body cavity lymphomas.*  
**Cancer Med.** 2014;3(1):1-13. 2,915
121. **Manara E**, **Baron E**, **Tregnago C**, **Aveic S**, **Bisio V**, **Bresolin S**, Masetti R, Locatelli F, **Basso G**, **Pigazzi M**.  
*MLL-AF6 fusion oncogene sequesters AF6 into the nucleus to trigger RAS activation in myeloid leukemia.*  
**Blood.** 2014;124(2):263-72. 11,847
122. **Manara E**, **Bisio V**, Masetti R, **Begiri V**, Rondelli R, Menna G, Micalizzi C, Santoro N, Locatelli F, **Basso G**, **Pigazzi M**.  
*Core-binding factor acute myeloid leukemia in pediatric patients enrolled in the AIEOP AML 2002/01 trial: screening and prognostic impact of c-KIT mutations.*  
**Leukemia.** 2014;28(5):1132-4. 12,104
123. **Marzollo A**, **Bisogno G**.  
*Can high dose methotrexate be continued after severe hypersensitivity reaction?*  
**Pediatr Blood Cancer.** 2014;61(6):1139. 2,634
124. Masetti R, Rondelli R, Fagioli F, Mastronuzzi A, Pierani P, Togni M, Menna G, **Pigazzi M**, **Putti MC**, **Basso G**, Pession A, Locatelli F.  
*Infants with acute myeloid leukemia treated according to the Associazione Italiana di Ematologia e Oncologia Pediatrica 2002/01 protocol have an outcome comparable to that of older children.*  
**Haematologica.** 2014;99(8):e127-9. 6,671

125. Masetti R, Togni M, Astolfi A, **Pigazzi M**, Indio V, Rivalta B, **Manara E**, Rutella S, **Basso G**, Pession A, Locatelli F.  
*Whole transcriptome sequencing of a paediatric case of de novo acute myeloid leukaemia with del(5q) reveals RUNX1-USP42 and PRDM16-SKI fusion transcripts.*  
**Br J Haematol.** 2014;166(3):499-52. 5,812
126. Meissner B, Bartram T, Eckert C, Trka J, Panzer-Grümayer R, Hermanova I, Ellinghaus E, Franke A, Möricke A, Schrauder A, Teigler-Schlegel A, Dörge P, von Stackelberg A, **Basso G**, Bartram CR, Kirschner-Schwabe R, Bornhäuser B, Bourquin JP, Cazzaniga G, Hauer J, Attarbaschi A, Izraeli S, Zaliova M, Cario G, Zimmermann M, Avigad S, Sokalska-Duhme M, Metzler M, Schrappe M, Koehler R, **Te Kronnie G**, Stanulla M.  
*Frequent and sex-biased deletion of SLX4IP by illegitimate V(D)J-mediated recombination in childhood acute lymphoblastic leukemia.*  
**Hum Mol Genet.** 2014;23(3):590-601. 5,985
127. Merks JH, De Salvo GL, Bergeron C, **Bisogno G**, De Paoli A, Ferrari A, Rey A, Oberlin O, Stevens MC, Kelsey A, Michalski J, Hawkins DS, Anderson JR. *Parameningeal rhabdomyosarcoma in pediatric age: results of a pooled analysis from North American and European cooperative groups.*  
**Ann Oncol.** 2014;25(1):231-6. 9,269
128. **Milani G**, Rebora P, **Accordi B**, **Galla L**, **Bresolin S**, Cazzaniga G, **Buldini B**, Mura R, Ladogana S, Giraldi E, Conter V, **Te Kronnie G**, Valsecchi MG, **Basso G**.  
*Low PKC $\alpha$  expression within the MRD-HR stratum defines a new subgroup of childhood T-ALL with very poor outcome.*  
**Oncotarget.** 2014; 5(14):5234-45. 5,008
129. Molenaar RJ, Verbaan D, Lamba S, **Zanon C**, Jeuken JW, Boots-Sprenger SH, Wesseling P, Hulsebos TJ, Troost D, van Tilborg AA, Leenstra S, Vandertop WP, Bardelli A, van Noorden CJ, Bleeker FE.  
*The combination of IDH1 mutations and MGMT methylation status predicts survival in glioblastoma better than either IDH1 or MGMT alone.*  
**Neuro Oncol.** 2014;16(9):1263-73. 2,754
130. **Mussolin L**, Holmes AB, Romualdi C, Sales G, D'Amore ES, Ghisi M, **Pillon M**, **Rosolen A**, Basso K.  
An aberrant microRNA signature in childhood T-cell lymphoblastic lymphoma affecting CDKN1B expression, NOTCH1 and growth factor signaling pathways.  
**Leukemia.** 2014;28:1909-12. 12,104
131. Nikolaev SI, Garieri M, Santoni F, Falconnet E, Ribaux P, Guipponi M, Murray A, Groet J, **Giarin E**, **Basso G**, Nizetic D, Antonarakis SE.  
*Frequent cases of RAS-mutated Down syndrome acute lymphoblastic leukaemia lack JAK2 mutations.*  
**Nat Commun.** 2014;5:4654. 11,329
132. **Paganin M**, **Fabbri G**, Conter V, Barisone E, **Polato K**, Cazzaniga G, Giraldi E, Fagioli F, Aricò M, Valsecchi MG, **Basso G**.  
*Postinduction Minimal Residual Disease Monitoring by Polymerase Chain Reaction in Children With Acute Lymphoblastic Leukemia.*  
**J Clin Oncol.** 2014;32(31):3553-8. 20,982
133. Pastò A, Bellio C, Pilotto G, Ciminale V, Silic-Benussi M, Guzzo G, Rasola A, **Frasson C**, Nardo G, Zulato E, Nicoletto MO, Manicone M, Indraccolo S, Amadori A.  
*Cancer stem cells from epithelial ovarian cancer patients privilege oxidative phosphorylation and resist glucose deprivation.*  
**Oncotarget.** 2014; 5(12):4305-19. 5,008

134. Pelullo M, Quaranta R, Talora C, Checquolo S, Cialfi S, Felli MP, **te Kronnie G, Borga C**, Besharat ZM, Palermo R, Di Marcotullio L, Capobianco AJ, Gulino A, Screpanti I, Bellavia D. *Notch3/Jagged1 circuitry reinforces notch signaling and sustains T-ALL.* **Neoplasia.** 2014;16(12):1007-17. 4,509
135. **Pillon M**, Aricò M, **Mussolin L**, **Mainardi C**, Giraldi E, Garaventa A, Lombardi A, Santoro N, **Carraro E**, d'Amore ES, **Rosolen A**. *Mediastinal Burkitt lymphoma in childhood.* **Pediatr Blood Cancer.** 2014;61(11):2127-8. 2,634
136. Pillozzi S, **Accordi B**, Rebora P, **Serafin V**, Valsecchi MG, **Basso G**, Arcangeli A. *Differential expression of hERG1A and hERG1B genes in pediatric acute lymphoblastic leukemia identifies different prognostic subgroups.* **Leukemia.** 2014;28(6):1352-5. 12,104
137. Pistollato F, Louisse J, Scelfo B, Mennecozzi M, **Accordi B**, **Basso G**, Gaspar JA, Zagoura D, Barilari M, Palosaari T, Sachinidis A, Bremer-Hoffmann S. *Development of a pluripotent stem cell derived neuronal model to identify chemically induced pathway perturbations in relation to neurotoxicity: Effects of CREB pathway inhibition.* **Toxicol Appl Pharmacol.** 2014;280(2):378-88. 3,847
138. **Porcù E**, **Bortolozzi R**, **Basso G**, **Viola G**. *Recent advances in vascular disrupting agents in cancer therapy.* **Future Med Chem.** 2014;6(13):1485-98. 3,345
139. **Porcù E**, Sipos A, **Basso G**, Hamel E, Bai R, Stempfer V, Udvardy A, Bényei AC, Schmidhammer H, Antus S, **Viola G**. *Novel 9'-substituted-noscapines: Synthesis with Suzuki cross-coupling, structure elucidation and biological evaluation.* **Eur J Med Chem.** 2014;84C:476-90. 3,902
140. **Rampazzo E**, Della Puppa A, **Frasson C**, **Battilana G**, **Bianco S**, Scienza R, **Basso G**, **Persano L**. *Phenotypic and functional characterization of Glioblastoma cancer stem cells identified through 5-aminolevulinic acid-assisted surgery.* **J Neurooncol.** 2014;116(3):505-13. 2,754
141. Rihani A, De Wilde B, Zeka F, Laureys G, Francotte N, **Tonini GP**, Coco S, Versteeg R, Noguera R, Schulte JH, Eggert A, Stallings RL, Speleman F, Vandesompele J, Van Maerken T. *CASP8 SNP D302H (rs1045485) is associated with worse survival in MYCN-amplified neuroblastoma patients.* **PLoS One.** 2014;9(12):e114696. 3,057
142. Rihani A, Van Maerken T, De Wilde B, Zeka F, Laureys G, Norga K, **Tonini GP**, Coco S, Versteeg R, Noguera R, Schulte JH, Eggert A, Stallings RL, Speleman F, Vandesompele J. *Lack of association between MDM2 promoter SNP309 and clinical outcome in patients with neuroblastoma.* **Pediatr Blood Cancer.** 2014;61(10):1867-70. 2,634
143. Romagnoli R, Baraldi PG, Kimatrai Salvador M, Prencipe F, Bertolasi V, Cancellieri M, Brancale A, Hamel E, Castagliuolo I, **Consolaro F**, **Porcù E**, **Basso G**, **Viola G**. *Synthesis, Antimitotic and Antivasculär Activity of 1-(3',4',5'-Trimethoxybenzoyl)-3-Arylamino-5-Amino-1,2,4-Triazoles.* **J Med Chem.** 2014; 57(15):6795-808. 5,589
144. Romagnoli R, Baraldi PG, Lopez-Cara C, Salvador MK, Preti D, Tabrizi MA, Balzarini J, Nussbaumer P, Bassetto M, Brancale A, Fu XH, Yang-Gao, Li J, Zhang SZ, Hamel E, **Bortolozzi** 2,923

- R, Basso G, Viola G.**  
*Design, synthesis and biological evaluation of 3,5-disubstituted 2-amino thiophene derivatives as a novel class of antitumor agents.*  
**Bioorg Med Chem.** 2014;22(18):5097-109.
145. Romagnoli R, Baraldi PG, Salvador MK, Chayah M, Camacho ME, Prencipe F, Hamel E, **Consolaro F, Basso G, Viola G.**  
*Design, synthesis and biological evaluation of arylcinnamide hybrid derivatives as novel anticancer agents.*  
**Eur J Med Chem.** 2014;81:394-407. 3,902
146. Schiavone M, Rampazzo E, Casari A, Battilana G, **Persano L**, Moro E, Liu S, Leach SD, Tiso N, Argenton F.  
*Zebrafish reporter lines reveal in vivo signaling pathway activities involved in pancreatic cancer.*  
**Dis Model Mech.** 2014;7(7):883-94. 4,316
147. Schneider C, Setty M, Holmes AB, Maute RL, Leslie CS, **Mussolin L, Rosolen A**, Dalla-Favera R, Basso K.  
*microRNA 28 controls cell proliferation and is down-regulated in B-cell lymphomas.*  
**Proc Natl Acad Sci U S A.** 2014;111(22): 8185-90. 9,423
148. Tibaldi E, Zonta F, Bordin L, **Magrin E**, Gringeri E, Cillo U, Idotta G, Pagano MA, Brunati AM.  
*The tyrosine phosphatase SHP-1 inhibits proliferation of activated hepatic stellate cells by impairing PDGF receptor signaling.*  
**Biochim Biophys Acta.** 2014;1843(2):288-98. 5,128
149. Timeus F, Crescenzo N, Longoni D, Doria A, Foglia L, Pagliano S, Vallero S, Decimi V, Svahn J, Palumbo G, Ruggiero A, Martire B, **Pillon M**, Menna G, Dufour C, Ramenghi U, Saracco P.  
*Paroxysmal nocturnal haemoglobinuria clones in children with acquired aplastic anaemia: a multicentre study.*  
**PLOS One.** 2014;9(7):1-5. e101948. 3,057
150. Torelli GF, Peragine N, Raponi S, Pagliara D, De Propis MS, Vitale A, Bertaina A, Barberi W, Moretta L, **Basso G**, Santoni A, Guarini A, Locatelli F, Foa' R.  
*Recognition of adult and pediatric acute lymphoblastic leukemia blasts by natural killer cells.*  
**Haematologica.** 2014;99(7):1248-54. 6,671
151. **Tumino M, Mainardi C, Pillon M, Calore E, Gazzola MV, Destro R, Strano A, Varotto S, Gregucci F, Basso G, Messina C.**  
*Haploididentical TCR A/B and B-cell depleted hematopoietic SCT in pediatric SAA and aspergillosis.*  
**Bone Marrow Transplant.** 2014;49(6):847-9. 3,636
152. Van der Veer A, Zaliova M, Mottadelli F, De Lorenzo P, **Te Kronnie G**, Harrison CJ, Cavé H, Trka J, Saha V, Schrappe M, Pieters R, Biondi A, Valsecchi MG, Stanulla M, den Boer ML, Cazzaniga G.  
*IKZF1 status as a prognostic feature in BCR-ABL1-positive childhood ALL.*  
**Blood.** 2014;123(11):1691-8. 11,847
153. Virgone C, Cecchetto G, Alaggio R, Ferrari A, **Bisogno G**, Conte M, Inserra A, Fagnani AM, Indolfi P, Salfi N, Dall'Igna P.  
*Appendiceal Neuroendocrine Tumours in Childhood: Italian TREP Project.*  
**J Pediatr Gastroenterol Nutr.** 2014;58(3):333-8. 2,400
154. **Zin A**, Bertorelle R, Dall'Igna P, Manzitti C, Gambini C, **Bisogno G, Rosolen A** and Alaggio R.  
*Epithelioid Rhabdomyosarcoma. A Clinicopathologic and Molecular Study"*  
**Am J Surg Pathol.** 2014;38(2):273-8. 4,951

## 2015

155. **Agostini M**, Janssen KP, Kim LJ, **D'Angelo E**, Pizzini S, **Zangrando A**, **Zanon C**, Pastrello C, Maretto I, Digitto M, Bedin C, Jurisica I, Rizzolio F, Giordano A, Bortoluzzi S, Nitti D, Pucciarelli S. *An integrative approach for the identification of prognostic and predictive biomarkers in rectal cancer.* **Oncotarget.** 2015;6(32):32561-74. 5,008
156. **Agostini M**, **Zangrando A**, Pastrello C, **D'Angelo E**, Romano G, Giovannoni R, Giordan M, Maretto I, **Bedin C**, **Zanon C**, Digitto M, Esposito G, Mescoli C, Lavitrano ML, Rizzolio F, Jurisica I, Giordano A, Pucciarelli S, Nitti D. *A functional biological network centered on XRCC3: a new possible marker of chemoradiotherapy resistance in rectal cancer patients.* **Cancer Biol Ther.** 2015;16(8):1160-71. 2,921
157. Aricò M, **Mussolin L**, **Carraro E**, Buffardi S, Santoro N, D'Angelo P, Lombardi A, Pierani P, Giraldi E, Mura R, Sala A, Garaventa A, Tondo A, Piglione M, Lo Nigro L, Cesaro S, Perruccio K, **Rosolen A**, **Basso G**, **Pillon M**; NHL-Committee of the Italian Association of Pediatric Hematology Oncology (AIEOP). *Non-hodgkin lymphoma in children with an associated inherited condition: A retrospective analysis of the Associazione Italiana Ematologia Oncologia Pediatrica (AIEOP).* **Pediatr Blood Cancer.** 2015;62(10):1782-9. 2,634
158. Aveic S, **Viola G**, **Accordi B**, Micalizzi C, Santoro N, Masetti R, Locatelli F, **Basso G**, **Pigazzi M**. *Targeting B-cell lymphoma 2-associated AthanoGene-1 (BAG-1): A novel strategy to increase drug efficacy in acute myeloid leukemia.* **Exp Hematol.** 2015;43(3):180-90. 2,303
159. Bardini M, Woll PS, Corral L, Luc S, Wittmann L, Ma Z, Lo Nigro L, **Basso G**, Biondi A, Cazzaniga G, Jacobsen SE. *Clonal variegation and dynamic competition of leukemia-initiating cells in infant acute lymphoblastic leukemia with MLL rearrangement.* **Leukemia.** 2015;29(1):38-50. 12,104
160. **Barone A**, Lucarelli A, Onofrillo D, Verzegnassi F, Bonanomi S, Cesaro S, Fioredda F, Iori AP, Ladogana S, Locasciulli A, Longoni D, Lanciotti M, Macaluso A, Mandaglio R, Marra N, Martire B, Maruzzi M, Menna G, Notarangelo LD, Palazzi G, **Pillon M**, Ramenghi U, Russo G, Svahn J, Timeus F, Tucci F, Cugno C, Zecca M, Farruggia P, Dufour C, Saracco P. *Diagnosis and management of acquired aplastic anemia in childhood. Guidelines from the Marrow Failure Study Group of the Pediatric Haemato-Oncology Italian Association (AIEOP).* **Blood Cells Mol Dis.** 2015;55(1):40-7. 2,731
161. Bugarin C, Sarno J, Palmi C, Savino AM, **Te Kronnie G**, Dworzak M, Schumich A, **Buldini B**, Maglia O, Sala S, **Bronzini I**, Bourquin JP, Mejstrikova E, Hrusak O, Luria D, **Basso G**, Izraeli S, Biondi A, Cazzaniga G, Gaipa G. *Fine Tuning of Surface CRLF2 Expression and Its Associated Signaling Profile in Childhood B Cell Precursor Acute Lymphoblastic Leukemia.* **Haematologica.** 2015;100(6):e229-32. 6,671
162. Calore E, Marson P, **Pillon M**, **Tumino M**, Tison T, **Mainardi C**, De Silvestro G, **Rossin S**, Franceschetto G, Carraro E, Pescarin M, Varotto S, Destro R, Gazzola MV, **Basso G**, Messina C. *Treatment of Acute Gvhd in Childhood with Extracorporeal Photochemotherapy/Photopheresis: the Padova Experience.* **Biol Blood Marrow Transplant.** 2015;21(11):1963-72. 3,980
163. Carotenuto M, de Antonellis P, Chiarolla CM, Attanasio C, Damiani V, Boffa I, Aiese N, Pedone 2,376

- E, Accordi B, Basso G, Navas L, Imbimbo C, Zollo M.  
*A therapeutic approach to treat prostate cancer by targeting Nm23-H1/h-Prune interaction.*  
**Naunyn Schmiedebergs Arch Pharmacol.** 2015;388(2):257-69.
164. Carta D, Bortolozzi R, Hamel E, **Basso G**, Moro S, **Viola G**, Ferlin MG. 5,589  
*Novel 3-Substituted 7-Phenylpyrrolo[3,2-f]quinolin-9(6H)-ones as Single Entities with Multitarget Antiproliferative Activity.*  
**J Med Chem.** 2015;58(20):7991-8010.
165. Casale M, Meloni A, Filosa A, Cuccia L, Caruso V, Palazzi G, Gamberini MR, Pitrone L, **Putti MC**, D'Ascola DG, Casini T, Quarta A, Maggio A, Neri MG, Positano V, Salvatori C, Toia P, Valeri G, Midiri M, Pepe A. 5,771  
*Multiparametric Cardiac Magnetic Resonance Survey in Children With Thalassemia Major: A Multicenter Study.*  
**Circ Cardiovasc Imaging.** 2015;8(8):e003230.
166. Castro-Navas FF, Schiaffino-Ortega S, Carrasco-Jimenez MP, Ríos-Marco P, Marco C, Espinosa A, Gallo MA, Mariotto E, **Basso G**, **Viola G**, Entrrena-Guadix A, López-Cara LC. 3,345  
*New more polar symmetrical bipyridinic compounds: new strategy for the inhibition of choline kinase α1.*  
**Future Med Chem.** 2015;7(4):417-36.
167. Cazzaniga V, Bugarin C, Bardini M, **Giordan M**, te Kronnie G, **Basso G**, Biondi A, Fazio G, Cazzaniga G. 5,008  
*LCK over-expression drives STAT5 oncogenic signaling in PAX5 translocated BCP-ALL patients.*  
**Oncotarget.** 2015;6(3):1569-81.
168. Cesaro S, de Latour RP, Tridello G, **Pillon M**, Carlson K, Fagioli F, Jouet JP, Koh MB, Panizzolo IS, Kyrcz-Krzemien S, Maertens J, Rambaldi A, Strahm B, Blaise D, Maschan A, Marsh J, Dufour C; Severe Aplastic Anaemia Working Party of the European Group for Blood and Marrow Transplantation. 5,812  
*Second allogeneic stem cell transplant for aplastic anaemia: a retrospective study by the severe aplastic anaemia working party of the European society for blood and marrow transplantation.*  
**Br J Haematol.** 2015;171(4):606-14.
169. Chiappini E, Camaioni A, Benazzo M, Biondi A, Bottero S, De Masi S, Di Mauro G, Doria M, Esposito S, Felisati G, Felisati D, Festini F, Gaini RM, Galli L, Gambini C, Gianelli U, Landi M, Lucioni M, Mansi N, Mazzantini R, Marchisio P, Marseglia GL, Miniello VL, Nicola M, Novelli A, Paulli M, Picca M, **Pillon M**, Pisani P, Pipolo C, Principi N, Sardi I, Succo G, Tomà P, Tortoli E, Tucci F, Varricchio A, de Martino M, Italian Guideline Panel For The Management Of Cervical Lymphadenopathy In Children. 3,542  
*Development of an algorithm for the management of cervical lymphadenopathy in children: consensus of the Italian Society of Preventive and Social Pediatrics, jointly with the Italian Society of Pediatric Infectious Diseases and the Italian Society of Pediatric Otorhinolaryngology.*  
**Expert Rev Anti Infect Ther.** 2015;13(12):1557-67.
170. Colombatti R, Ermani M, Rampazzo P, Manara R, **Montanaro M**, **Basso G**, Meneghetti G, Sainati L. 5,812  
*Cognitive evoked potentials and neural networks are abnormal in children with sickle cell disease and not related to the degree of anaemia, pain and silent infarcts.*  
**Br J Haematol.** 2015;169(4):597-600.
171. Consolaro F, **Basso G**, Ghaem-Magami S, Lam EW, **Viola G**. 3,018  
*FOXM1 is overexpressed in B-acute lymphoblastic leukemia (B-ALL) and its inhibition sensitizes B-ALL cells to chemotherapeutic drugs.*  
**Int J Oncol.** 2015;47(4):1230-40.

172. Consolaro F, Ghaem-Maghami S, **Bortolozzi R**, Zona S, Khongkow M, **Basso G**, **Viola G**, Lam EW.  
**FOXO3a and Post-translational Modifications Mediate Glucocorticoid Sensitivity in Acute B-ALL.**  
**Mol Cancer Res.** 2015;13(12):1578-90. 4,510
173. **Corallo D**, Trapani V, Bonaldo P.  
*The notochord: structure and functions.* 5,694  
**Cell Mol Life Sci.** 2015;72(16):2989-3008.
174. Crestani E, Volpi S, Candotti F, Giliani S, Notarangelo LD, Chu J, Aldave Becerra JC, Buchbinder D, Chou J, Geha RS, Kanariou M, King A, Mazza C, Moratto D, Sokolic R, Garabedian E, Porta F, **Putti MC**, Wakim RH, Tsitsikov E, Pai SY, Notarangelo LD.  
**Broad spectrum of autoantibodies in patients with Wiskott-Aldrich syndrome and X-linked thrombocytopenia.**  
**J Allergy Clin Immunol.** 2015;136(5):1401-4.e1-3. 12,485
175. Curtarello M, Zulato E, Nardo G, Valtorta S, Guzzo G, Rossi E, Esposito G, Msaki A, Pastò A, Rasola A, **Persano L**, Ciccarese F, Bertorelle R, Todde S, Plebani M, Schroer H, Walenta S, Mueller-Klieser W, Amadori A, Moresco RM, Indraccolo S.  
**VEGF-targeted therapy stably modulates the glycolytic phenotype of tumor cells.**  
**Cancer Res.** 2015;75(1):120-33. 8,556
176. D'Angio' M, Valsecchi MG, Testi AM, Conter V, Nunes V, Parasole R, Colombini A, Santoro N, **Varotto S**, Caniglia M, Silvestri D, Consarino C, Levati L, **Magrin E**, Locatelli F, **Basso G**, Foa' R, Biondi A, Cazzaniga G.  
**Clinical features and outcome of SIL/TAL1-positive T-cell acute lymphoblastic leukemia in children and adolescents. A 10 year experience of the AIEOP group.**  
**Haematologica.** 2015;100(1):e10-3. 6,671
177. Damm-Welk C, **Pillon M**, Woessmann W, **Mussolin L**.  
*Prognostic factors in paediatric anaplastic large cell lymphoma: role of ALK.* 4,249  
**Front Biosci (Schol Ed).** 2015;7:205-16
178. Dassi E, Greco V, Sidarovitch V, Zuccotti P, Arseni N, Scaruffi P, **Tonini GP**, Quattrone A. 5,228  
*Translational compensation of genomic instability in neuroblastoma.*  
**Sci Rep.** 2015;5:14364.
179. Dassi E, Greco V, Sidarovitch V, Zuccotti P, Arseni N, Scaruffi P, **Tonini GP**, Quattrone A. 0,52  
*Multi-omic profiling of MYCN-amplified neuroblastoma cell-lines.*  
**Genom Data.** 2015;6:285-7.
180. De Mariano M, Gallesio R, Chierici M, Furlanello C, Conte M, Garaventa A, Croce M, Ferrini S, **Tonini GP**, Longo L. 5,008  
*Identification of GALNT14 as a novel neuroblastoma predisposition gene.*  
**Oncotarget.** 2015;6(28):26335-46.
181. Defferrari R, Mazzocco K, Ambros IM, Ambros PF, Bedwell C, Beiske K, Bénard J, Berbegall AP, Bown N, Combaret V, Couturier J, Erminio G, Gambini C, Garaventa A, Gross N, Haupt R, Kohler J, Jeison M, Lunec J, Marques B, Martinsson T, Noguera R, Parodi S, Schleiermacher G, Tweddle DA, Valent A, Van Roy N, Vicha A, Villamon E, **Tonini GP**. 5,569  
*Influence of segmental chromosome abnormalities on survival in children over the age of 12 months with unresectable localized peripheral neuroblastic tumours without MYCN amplification.*  
**Br J Cancer.** 2015;112(2):290-5.
182. **Di Carlo D**, Ferrari A, Perruccio K, D'Angelo P, Fagnani AM, Cecchetto G, **Bisogno G**. 2,634  
*Management and follow-up of urothelial neoplasms of the bladder in children: A report from*

the TREP project.

**Pediatr Blood Cancer.** 2015;62(6):1000-3.

183. Dufour C, **Pillon M**, Sociè G, Rovò A, **Carraro E**, Bacigalupo A, Oneto R, Passweg J, Risitano A, Tichelli A, Peffault de Latour R, Schrezenmeier H, Hochsmann B, Peters C, Kulasekararaj A, Van Biezen A, Samarasinghe S, Hussein AA, Ayas M, Aljurf M, Marsh J.  
*Outcome of aplastic anaemia in children. A study by the severe aplastic anaemia and paediatric disease working parties of the European group blood and bone marrow transplant.* **Br J Haematol.** 2015;169(4):565-73. 5,812
184. Enzo E, Santinon G, Pocaterra A, Aragona M, **Bresolin S**, Forcato M, Grifoni D, Pession A, Zanconato F, Guzzo G, Bicciato S, Dupont S.  
*Aerobic glycolysis tunes YAP/TAZ transcriptional activity.* **EMBO J.** 2015;34(10):1349-70. 9,643
185. Farruggia P, Fioredda F, Puccio G, Poretti L, Lanza T, Ramenghi U, Ferro F, Maccaluso A, Barone A, Bonanomi S, Caruso S, Casazza G, Davitto M, Ghilardi R, Ladogana S, Mandaglio R, Marra N, Martire B, Mastrodiicasa E, Dora Notarangelo L, Onofrillo D, Robustelli G, Russo G, Trizzino A, Tucci F, **Pillon M**, and Dufour C.  
*Autoimmune neutropenia of infancy: Data from the Italian neutropenia registry.* **Am J Hematol.** 2015;90(12):E221-2. 5,000
186. Fazio G, Daniele G, Cazzaniga V, Impera L, Severgnini M, Iacobucci I, Galbiati M, **Leszl A**, Cifola I, De Bellis G, Bresciani P, Martinelli G, **Basso G**, Biondi A, Storlazzi CT, Cazzaniga G.  
*Three novel fusion transcripts of the paired box 5 gene in B-cell precursor acute lymphoblastic leukemia.* **Haematologica.** 2015;100(1):e14-7. 6,671
187. Fernando TR, Rodriguez-Malave NI, Waters EV, Yan W, Casero D, **Basso G**, **Pigazzi M**, Rao DS.  
*LncRNA Expression Discriminates Karyotype and Predicts Survival in B-lymphoblastic Leukemia.* **Mol Cancer Res.** 2015;13(5):839-51. 4,510
188. Ferrari A, De Salvo GL, Brennan B, van Noesel MM, De Paoli A, Casanova M, Francotte N, Kelsey A, Alaggio R, Oberlin O, **Carli M**, Ben-Arush M, Bergeron C, Merks JH, Jenney M, Stevens MC, **Bisogno G**, Orbach D.  
*Synovial sarcoma in children and adolescents: the European Pediatric Soft Tissue Sarcoma Study Group prospective trial (EpSSG NRSTS 2005).* **Ann Oncol.** 2015;26(3):567-72. 9,269
189. Fiocco U, Martini V, **Accordi B**, Caso F, Costa L, Oliviero F, Scanu A, Facco M, Boso D, Gatto M, Felicetti M, Frallonardo P, Ramonda R, Piva L, Zambello R, Agostini C, Scarpa R, **Basso G**, Semenzato G, Dayer JM, Punzi L, Doria A.  
*Transcriptional network profile on synovial fluid T cells in psoriatic arthritis.* **Clin Rheumatol.** 2015;34(9):1571-80. 2,042
190. Fiocco U, Martini V, Accordi B, Caso F, Costa L, Oliviero F, Scanu A, Felicetti M, Frallonardo P, Facco M, Boso D, Molena B, Zambello R, Ramonda R, Cozzi F, Scarpa R, **Basso G**, Semenzato G, Dayer JM, Doria A, Punzi L.  
- *Ex Vivo Signaling Protein Mapping in T Lymphocytes in the Psoriatic Arthritis Joints.* **J Rheumatol Suppl.** 2015;93:48-52. 3,236
191. Fischer U, Forster M, Rinaldi A, Risch T, Sungalee S, Warnatz HJ, Bornhauser B, Gombert M, Kratsch C, Stütz AM, Sultan M, Tchinda J, Worth CL, Amstislavskiy V, Badarinarayyan N, Baruchel A, Bartram T, **Basso G**, Canpolat C, Cario G, Cavé H, Dakaj D, Delorenzi M, Dobay MP, Eckert C, Ellinghaus E, Eugster S, Frismantas V, Ginzel S, Haas OA, Heidenreich O, Hemmrich-Stanisak G, Hezaveh K, Höll JI, Hornhardt S, Husemann P, Kachroo P, Kratz CP, **Kronnie GT**, Marovca B, Niggli F, McHardy AC, Moorman AV, Panzer-Grümayer R, Petersen BS, Raeder B, Ralser M, Rosenstiel P, Schäfer D, Schrappe M, Schreiber S, Schütte M, Stade B, Thiele R, Weid 31,616

- NV, Vora A, Zaliova M, Zhang L, Zichner T, Zimmermann M, Lehrach H, Borkhardt A, Bourquin JP, Franke A, Korbel JO, Stanulla M, Yaspo ML.  
*Genomics and drug profiling of fatal TCF3-HLF-positive acute lymphoblastic leukemia identifies recurrent mutation patterns and therapeutic options.*  
**Nat Genet.** 2015;47(9):1020-9.
192. Franca R, Rebora P, Bertorello N, Fagioli F, Conter V, Biondi A, Colombini A, Micalizzi C, Zecca M, Parasole R, Petruzziello F, **Basso G, Putti MC**, Locatelli F, d'Adamo P, Valsecchi MG, Decorti G, Rabusin M. *Pharmacogenetics and induction/consolidation therapy toxicities in acute lymphoblastic leukemia patients treated with AIEOP-BFM ALL 2000 protocol.*  
**Pharmacogenomics J.** 2015 Dec 8. doi: 10.1038/tpj
193. **Frasson C, Rampazzo E, Accordi B, Beggio G, Pistollato F, Basso G, Persano L.** 2,134  
*Inhibition of PI3K Signalling Selectively Affects Medulloblastoma Cancer Stem Cells.*  
**Biomed Res Int.** 2015;2015:973912.
194. Gasparoli L, D'Amico M, Masselli M, Pilozzi S, Caves R, Khuwaleh R, Tiedke W, Mugridge K, Pratesi A, Mitcheson JS, **Basso G**, Becchetti A, Arcangeli A.  
*New Pyrimido-Indole Compound CD-160130 Preferentially Inhibits the KV11.1B Isoform and Produces Antileukemic Effects without Cardiotoxicity.* **Mol Pharmacol.** 2015;87(2):183-96.
195. Giona F, **Putti MC**, Micalizzi C, Menna G, Moleti ML, Santoro N, Iaria G, Ladogana S, Burnelli R, Consarino C, Varotto S, Tucci F, **Messina C**, Nanni M, Diverio D, Biondi A, Pession A, Locatelli F, Piocicchi A, Gottardi E, Saglio G, Foà R. 5,812  
*Long-term results of high-dose imatinib in children and adolescents with chronic myeloid leukaemia in chronic phase: the Italian experience.*  
**Br J Haematol.** 2015;170(3):398-407.
196. Hasan MN, Queuderville M, **Trentin L**, Eckhoff SM, Bronzini I, Palmi C, Barth T, Cazzaniga G, **te Kronnie G**, Debatin KM, Meyer LH. 5,008  
*Targeting of hyperactivated mTOR signaling in high-risk acute lymphoblastic leukemia in a pre-clinical model.*  
**Oncotarget.** 2015;6(3):1382-95.
197. Karawajew L, Dworzak M, Ratei R, Rhein P, Gaipa G, **Buldini B, Basso G**, Hrusak O, Ludwig WD, Henze G, Seeger K, von Stackelberg A, Mejstrikova E, Eckert C. 6,671  
*Minimal residual disease analysis by eight-color flow cytometry in relapsed childhood acute lymphoblastic leukemia.*  
**Haematologica.** 2015;100(7):935-44.
198. Karow A, Nienhold R, Lundberg P, Peroni E, **Putti MC**, Randi ML, Skoda RC. 12,104  
*Mutational profile of childhood myeloproliferative neoplasms.*  
**Leukemia.** 2015;29(12):2407-9.
199. La Starza R, Nofrini V, Pierini T, Pierini V, **Zin A, Bisogno G**, Cerri C, Caniglia M, Sidoni A, Ludwig K, Mecucci C. 2,634  
*Molecular cytogenetics detect an unbalanced t(2;13)(q36;q14) and PAX3-FOXO1 fusion in rhabdomyosarcoma with mixed embryonal/alveolar features.*  
**Pediatr Blood Cancer.** 2015;62(12):2238-41.
200. **Lana T**, de Lorenzo P, **Bresolin S, Bronzini I**, den Boer ML, Cavé H, Froňková E, Stanulla M, Zaliova M, Harrison CJ, de Groot H, Grazia Valsecchi M, Biondi A, **Basso G**, Cazzaniga G, **te Kronnie G**. 12,104  
*Refinement of IKZF1 status in pediatric philadelphia positive acute lymphoblastic leukemia.*  
**Leukemia.** 2015;29(10):2107-10.
201. Lesma G., Bassanini I., **Bortolozzi R.**, Colletto C., Hamel E., Meneghetti F., Rainoldi G., Stucchi M., Sacchetti A., Silvani A. **Viola G.** 3,559  
*Complementary isonitrile-based multicomponent reactions for the synthesis of diversified*

- cytotoxic hemiasterlin analogues.  
**Org. Biomol. Chem.** 2015;13:11633-44.
202. Locatelli F, Masetti R, Rondelli R, Zecca M, Fagioli F, Rovelli A, **Messina C**, Lanino E, Bertaina A, Favre C, Giorgiani G, Ripaldi M, Ziino O, Palumbo G, **Pillon M**, Pession A, Rutella S, Prete A. *Outcome of children with high-risk acute myeloid leukemia given autologous or allogeneic hematopoietic cell transplantation in the aieop AML-2002/01 study.* **Bone Marrow Transplant.** 2015;50(2):181-8. 3,636
203. **Lovisa F**, Cozza G, Cristiani A, Cuzzolin A, Albiero A, **Mussolin L**, **Pillon M**, Moro S, **Basso G**, **Rosolen A**, **Bonvini**. *ALK Kinase Domain Mutations in Primary Anaplastic Large Cell Lymphoma: Consequences on NPM-ALK Activity and Sensitivity to Tyrosine Kinase Inhibitors.* **PLoS One.** 2015;10(4):e0121378. 3,057
204. Masecchia S, Coco S, Barla A, Verri A, **Tonini GP**. *Genome instability model of metastatic neuroblastoma tumorigenesis by a dictionary learning algorithm.* **BMC Med Genomics.** 2015;8:57. 2,726
205. Mazzocco K, Defferrari R, Sementa AR, Garaventa A, Longo L, De Mariano M, **Esposito MR**, Negri F, Ircoli D, **Viscardi E**, Luksch R, D'Angelo P, Prete A, Castellano A, Massirio P, Erminio G, Gigliotti AR, **Tonini GP**, Conte M. *Genetic abnormalities in adolescents and young adults with neuroblastoma: A report from the Italian Neuroblastoma group.* **Pediatr Blood Cancer.** 2015;62(10):1725-32. 2,634
206. Minard-Colin V, Brugières L, Reiter A, Cairo MS, Gross TG, Woessmann W, Burkhardt B, Sandlund JT, Williams D, **Pillon M**, Horibe K, Auperin A, Le Deley MC, Zimmerman M, Perkins SL, Raphael M, Lamant L, Klapper W, **Mussolin L**, Poirel HA, Macintyre E, Damm-Welk C, **Rosolen A**, Patte C. *Non-Hodgkin Lymphoma in Children and Adolescents: Progress Through Effective Collaboration, Current Knowledge, and Challenges Ahead.* **J Clin Oncol.** 2015;33(27):2963-74. 20,982
207. **Mussolin L**, **Buldini B**, **Lovisa F**, **Carraro E**, **Disarò S**, Nigro LL, d'Amore ES, **Pillon M**, **Basso G**. *Detection and role of minimal disseminated disease in children with lymphoblastic lymphoma: The AIEOP experience.* **Pediatr Blood Cancer.** 2015;62(11):1906-13. 2,634
208. Oberlin O, Rey A, Brown KL, **Bisogno G**, Koscielniak E, Stevens MC, Hawkins DS, Meyer WH, La TH, **Carli M**, Anderson JR.
  - *Prognostic Factors for Outcome in Localized Extremity Rhabdomyosarcoma. Pooled Analysis from Four International Cooperative Groups.* **Pediatr Blood Cancer.** 2015;62(12):2125-31.
209. Oberthuer A, Juraeva D, Hero B, Volland R, Sterz C, Schmidt R, Faldum A, Kahlert Y, Engesser A, Asgharzadeh S, Seeger R, Ohira M, Nakagawara A, Scaruffi P, **Tonini GP**, Janoueix-Lerosey I, Delattre O, Schleiermacher G, Vandesompele J, Speleman F, Noguera R, Piqueras M, Bénard J, Valent A, Avigad S, Yaniv I, Grundy RG, Ortmann M, Shao C, Schwab M, Eils R, Simon T, Theissen J, Berthold F, Westermann F, Brors B, Fischer M. *Revised risk estimation and treatment stratification of low- and intermediate-risk neuroblastoma patients by integrating clinical and molecular prognostic markers.* **Clin Cancer Res.** 2015;21(8):1904-15. 8,738
210. Parasole R, Petruzzello F, **Messina C**, Barisone E, Pession A, Locatelli F, Micalizzi C, Cesaro S, Testi AM, De Matteo A, **Varotto S**, Berger M, Morello W, Menna G, Poggi V. *Toxicity and efficacy of intrathecal liposomal cytarabine in children with leukemia/lymphoma relapsing in the central nervous system: a retrospective multicenter study.* 3,093

**Leuk Lymphoma.** 2015;56(3):650-5.

- |      |  |       |
|------|--|-------|
| 211. | <b>Peron M, Lovisa F, Poli E, Basso G, Bonvini P.</b> <i>Understanding the Interplay between Expression, Mutation and Activity of ALK Receptor in Rhabdomyosarcoma Cells for Clinical Application of Small-Molecule Inhibitors.</i><br><b>PLoS One.</b> 2015;10(7):e0132330.   | 3,057 |
| 212. | <b>Perruccio K, Topini F, Tosti A, Gazzola MV, Messina C, Martelli MF, Caniglia M, Velardi A, Cesaro S.</b><br><i>Differences in Aspergillus-specific immune recovery between T-cell-replete and T-cell-depleted hematopoietic transplants.</i><br><b>Eur J Haematol.</b> 2015;95(6):551-7.  | 2,544 |
| 213. | <b>Persano L, Zagoura D, Louisse J and Pistollato F.</b><br><i>Role of environmental chemicals, processed food derivatives and nutrients in the induction of carcinogenesis.</i><br><b>Stem Cell Dev.</b> 2015;24(20):2337-52.   | 3,777 |
| 214. | <b>Pigazzi M, Manara E, Buldini B, Beqiri V, Bisio V, Tregnago C, Rondelli R, Masetti R, Putti MC, Fagioli F, Rizzari C, Pession A, Locatelli F, Basso G.</b><br><i>Minimal residual disease monitored after induction therapy by RQ-PCR can contribute to tailor treatment of patients with t(8;21) RUNX1-RUNX1T1 rearrangement.</i><br><b>Haematologica.</b> 2015;100(3):e99-101.  | 6,671 |
| 215. | <b>Pillon M, Aricò M, Mussolin L, Carraro E, Conter V, Sala A, Buffardi S, Garaventa A, D'Angelo P, Lo Nigro L, Santoro N, Piglione M, Lombardi A, Porta F, Cesaro S, Moleti ML, Casale F, Mura R, d'Amore ES, Basso G, Rosolen A.</b><br><i>Long-term results of the AIEOP LNH-97 protocol for childhood lymphoblastic lymphoma.</i><br><b>Pediatr Blood Cancer.</b> 2015;62(8):1388-94.  | 2,634 |
| 216. | <b>Pillon M, Carucci NS, Mainardi C, Carraro E, Zuliani M, Chemello L, Calore E, Tumino M, Varotto S, Toffolutti T, Destro R, Gazzola MV, Alaggio R, Basso G, Messina C.</b><br><i>Focal nodular hyperplasia of the liver: an emerging complication of hematopoietic SCT in children.</i><br><b>Bone Marrow Transplant.</b> 2015;50(3):414-9.  | 3,636 |
| 217. | <b>Quarelo P, Fagioli F, Basso G, Putti MC, Berger M, Luciani M, Rizzari C, Menna G, Masetti R, Locatelli F.</b> <i>Outcome of children with acute myeloid leukaemia (AML) experiencing primary induction failure in the AIEOP AML 2002/01 clinical trial.</i><br><b>Br J Haematol.</b> 2015;171(4):566-73.  | 5,812 |
| 218. | <b>Randi ML, Geranio G, Bertozzi I, Micalizzi C, Ramenghi U, Tucci F, Notarangelo LD, Ladogana S, Menna G, Giordano P, Consarino C, Farruggia P, Zanazzo GA, Fiori GM, Burnelli R, Russo G, Jankovich M, Peroni E, Duner E, Basso G, Fabris F, Putti MC.</b><br><i>Are all cases of paediatric essential thrombocythaemia really myeloproliferative neoplasms? Analysis of a large cohort.</i><br><b>Br J Haematol.</b> 2015;169(4):584-9. | 5,812 |
| 219. | <b>Romagnoli R, Baraldi PG, Salvador MK, Prencipe F, Lopez-Cara C, Schiaffino Ortega S, Brancale A, Hamel E, Castagliuolo I, Mitola S, Ronca R, Bortolozzi R, Porcù E, Basso G, Viola G.</b><br><i>Design, synthesis, in vitro, and in vivo anticancer and antiangiogenic activity of novel 3-arylaminobenzofuran derivatives targeting the colchicine site on tubulin.</i><br><b>J Med Chem.</b> 2015;58(7):3209-22.                      | 5,589 |
| 220. | <b>Schneider DT, Orbach D, Cecchetto G, Stachowicz-Stencel T, Brummel B, Brecht IB, Bisogno G, Ferrari A, Reguerre Y, Godzinski J, Bien E, Calaminus G, Göbel U, Patte C.</b><br><i>Ovarian Sertoli Leydig cell tumours in children and adolescents: an analysis of the European Cooperative Study Group on Pediatric Rare Tumors (EXPeRT).</i>  | 6,163 |

**Eur J Cancer.** 2015;51(4):543-50.

221. Shiramizu B, Goldman S, Smith L, Agsalda-Garcia M, Galardy P, Perkins SL, Frazer JK, Sanger W, Anderson JR, Gross TG, Weinstein H, Harrison L, Barth MJ, **Mussolin L**, Cairo MS. *Impact of persistent minimal residual disease post-consolidation therapy in children and adolescents with advanced Burkitt leukaemia: a Children's Oncology Group Pilot Study Report.* **Br J Haematol.** 2015;170(3):367-71. 5,812
222. Sidarovich V, Adami V, Gatto P, Greco V, Tebaldi T, **Tonini GP**, Quattrone A. *Translational downregulation of HSP90 expression by iron chelators in neuroblastoma cells.* **Mol Pharmacol.** 2015; 87(3):513-24. 3,931
223. Spiezia L, Mazza A, Pelizzaro E, Campello E, **Messina C**, Pettenazzo A, Simioni P. *Thromboelastometry-guided therapy of massive gastrointestinal bleeding in a 12-year old boy with severe Graft-versus-Host disease.* **Blood Transfus.** 2015;13(2):320-3. 1,514
224. Stachowicz-Stencel T, Orbach D, Brecht I, Schneider D, Bien E, Synakiewicz A, Rod J, Ferrari A, Cecchetto G, **Bisogno G**. *Thymoma and thymic carcinoma in children and adolescents: A report from the European Cooperative Study Group for Pediatric Rare Tumors (EXPeRT).* **Eur J Cancer.** 2015;51(16):2444-52. 6,163
225. Stigliani S, Croce M, Morandi F, Scaruffi P, Rigo V, Carlini B, Manzitti C, Gigliotti AR, **Tonini GP**, Pistoia V, Ferrini S, Corrias MV. *Expression of FOXP3, CD14, and ARG1 in Neuroblastoma Tumor Tissue from High-Risk Patients Predicts Event-Free and Overall Survival.* **Biomed Res Int.** 2015; 2015: 347867. 2,134
226. Stigliani S, Scaruffi P, Lagazio C2, Persico L, Carlini B, Varesio L, Morandi F, Morini M, Gigliotti AR, **Esposito MR**, **Viscardi E**, Cecinati V, Conte M, Corrias MV. *Deregulation of focal adhesion pathway mediated by miR-659-3p is implicated in bone marrow infiltration of stage M neuroblastoma patients.* **Oncotarget.** 2015; 6(15):13295-308. 5,008
227. Suppiej A, Gentilomo C, Saracco P, Sartori S, Agostini M, Bagna R, Bassi B, Giordano P, Grassi M, Guzzetta A, Lasagni D, Luciani M, Molinari AC, Palmieri A, **Putti MC**, Ramenghi LA, Rota LL, Sperli D, Laverda AM, Simioni P; Stroke working group of the Italian Registry of Pediatric Thrombosis. *Paediatric arterial ischaemic stroke and cerebral sinovenous thrombosis. First report from the Italian Registry of Pediatric Thrombosis (R.I.T.I., Registro Italiano Trombosi Infantili).* **Thromb Haemost.** 2015;113(6):1270-7. 5,565
228. Terenziani M, D'Angelo P, Inserra A, Boldrini R, **Bisogno G**, Babbo GL, Conte M, Dall' Igna P, De Pasquale MD, Indolfi P, Piva L, Riccipettoni G, Siracusa F, Spreafico F, Tamaro P, Cecchetto G. *Mature and immature teratoma: A report from the second Italian pediatric study.* **Pediatr Blood Cancer.** 2015; 62(7):1202-8. 2,634
229. Togni M, Masetti R, **Pigazzi M**, Astolfi A, Zama D, Indio V, Serravalle S, Manara E, Bisio V, Rizzari C, **Basso G**, Pession A, Locatelli F. *Identification of the NUP98-PHF23 fusion gene in pediatric cytogenetically normal acute myeloid leukemia by whole-transcriptome sequencing.* **J Hematol Oncol.** 2015;8:69. 6,263
230. Tombolan L, Zampini M, Casara S, Boldrin E, **Zin A**, **Bisogno G**, **Rosolen A**, De Pittà C, Lanfranchi G. *MicroRNA-27a Contributes to Rhabdomyosarcoma Cell Proliferation by Suppressing RARA and RXRA* 3,057

**PLoS One.** 2015;10(4): e0125171.

231. Tosato F, **Bucciol G**, Pantano G, **Putti MC**, Sanzari MC, **Basso G**, Plebani M. 3,181  
*Lymphocytes subsets reference values in childhood.*  
**Cytometry A.** 2015;87(1):81-5.
232. Trevisson E, Ludwig K, Casarin A, **Di Meglio A**, Greggio NA, Manara R, Lenzini E, Clementi M, 3,739  
 Salviati L.  
*Ichthyosis and Kallmann syndrome: Not always a contiguous gene syndrome.*  
**J Dermatol Sci.** 2015; 78(2):158-60.
233. **Tumino M, Serafin V, Accordi B, Spadini S, Forest C, Cortese G, Lissandron V, Marzollo A, Basso G, Messina C.** 5,812  
*Interleukin-22 in the diagnosis of active chronic graft-versus-host disease in paediatric patients.*  
**Br J Haematol.** 2015;168(1):142-5.
234. Virgone C, Alaggio R, Dall'Igna P, Buffa P, Tonegatti L, Ferrari A, **Bisogno G**, Cecchetto G. 1,605  
*Epithelial Tumors of the Ovary in Children and Teenagers: A Prospective Study from the Italian TREP Project.*  
**J Pediatr Adolesc Gynecol.** 2015;28(6):441-6.
235. Virgone C, Lalli E, **Bisogno G**, Lazzari E, Roma J, **Zin A**, Poli E, Cecchetto G, Dall'Igna P, Alaggio R. 3,057  
*DAX-1 Expression in Pediatric Rhabdomyosarcomas: Another Immunohistochemical Marker Useful in the Diagnosis of Translocation Positive Alveolar Rhabdomyosarcoma*  
**PLoS One.** 2015;10(7):e0133019.
236. Zhang W, Yu Y, Hertwig F, Thierry-Mieg J, Zhang W, Thierry-Mieg D, Wang J, Furlanello C, 11,313  
 Devanarayyan V, Cheng J, Deng Y, Hero B, Hong H, Jia M, Li L, Lin SM, Nikolsky Y, Oberthuer A, Qing T, Su Z, Volland R, Wang C, Wang MD, Ai J, Albanese D, Asgharzadeh S, Avigad S, Bao W, Bessarabova M, Brilliant MH, Brors B, Chierici M, Chu TM, Zhang J, Grundy RG, He MM, Hebrbring S, Kaufman HL, Lababidi S, Lancashire LJ, Li Y, Lu XX, Luo H, Ma X, Ning B, Noguera R, Peifer M, Phan JH, Roels F, Rosswog C, Shao S, Shen J, Theissen J, **Tonini GP**, Vandesompele J, Wu PY, Xiao W, Xu J, Xu W, Xuan J, Yang Y, Ye Z, Dong Z, Zhang KK, Yin Y, Zhao C, Zheng Y, Wolfinger RD, Shi T, Malkas LH, Berthold F, Wang J, Tong W, Shi L, Peng Z, Fischer M. *Comparison of RNA-seq and microarray-based models for clinical endpoint prediction.*  
**Genome Biol.** 2015;16:133.

## 2016

237. Alaggio R, Zhang L, Sung YS, Huang SC, Chen CL, **Bisogno G, Zin A**, Agaram NP, LaQuaglia MP, 4,951  
 Wexler LH, Antonescu CR.  
*A Molecular Study of Pediatric Spindle and Sclerosing Rhabdomyosarcoma: Identification of Novel and Recurrent VGLL2-related Fusions in Infantile Cases.*  
**Am J Surg Pathol.** 2016;40(2):224-35.
238. Angelini L, **Bisogno G**, Alaggio R, Scarzello G, Santoro L, **Zanetti I, Scagnellato A**, Basso E, 1,170  
 D'Angelo P, Ferrari A, Castagnetti M.  
*Prognostic factors in children undergoing salvage surgery for bladder/prostate rhabdomyosarcoma.*  
**J Pediatr Urol.** 2016;12(4):265.e1-8.

239. **Aveic S, Pantile M, Seydel A, Esposito MR, Zanon C, Li G, Tonini GP.**  
*Combating autophagy is a strategy to increase cytotoxic effects of novel ALK inhibitor entrectinib in neuroblastoma cells.*  
**Oncotarget.** 2016;7(5):5646-63. 5,008
240. Attarbaschi A, **Carraro E**, Abla O, Barzilai-Birenboim S, Bomken S, Brugieres L, Bubanska E, Burkhardt B, Chiang AK, Csoka M, Fedorova A, Jazbec J, Kabickova E, Krenova Z, Lasic J, Loeffen J, Mann G, Niggli F, Miakova N, Osumi T, Ronceray L, Uyttebroeck A, Williams D, Woessmann W, Wrobel G, **Pillon M.**  
*Non-Hodgkin's lymphoma and pre-existing conditions: spectrum, clinical characteristics and outcome in 213 children and adolescents.*  
**Haematologica.** 2016 Aug 11. pii: haematol.2016.147116. [Epub ahead of print] 6,671
241. **Aveic S, Tonini GP.**  
*Resistance to receptor tyrosine kinase inhibitors in solid tumors: can we improve the cancer fighting strategy by blocking autophagy?*  
**Cancer Cell Int.** 2016;16:62. 2,884
242. Bellanti F, Del Vecchio GC, **Putti MC**, Cosmi C, Fotzi I, Bakshi SD, Danhof M, Della Pasqua O.  
*Model-Based Optimisation of Deferoxamine Chelation Therapy.*  
**Pharm Res.** 2016;33(2):498-509. 3,260
243. Bellanti F, Del Vecchio GC, **Putti MC**, Maggio A, Filosa A, Cosmi C, Mangiarini L, Spino M, Connelly J, Ceci A, Pasqua OD.  
*Population pharmacokinetics and dosing recommendations for the use of deferiprone in children younger than 6 years of age.*  
**Br J Clin Pharmacol.** 2016 Sep 19. doi: 10.1111/bcp.13134. 3,830
244. Brennan B, De Salvo GL, Orbach D, De Paoli A, Kelsey A, Mudry P, Francotte N, Van Noesel M, **Bisogno G**, Casanova M, Ferrari A.  
*Outcome of extracranial malignant rhabdoid tumours in children registered in the European Paediatric Soft Tissue Sarcoma Study Group Non-Rhabdomyosarcoma Soft Tissue Sarcoma 2005 Study-EpSSG NRSTS 2005.*  
**Eur J Cancer.** 2016;60:69-82. 6,163
245. **Bresolin S**, De Filippi P, Vendemini F, D'Alia M, Zecca M, Meyer LH, Danesino C, Locatelli F, Masetti R, **Basso G**, Te Kronnie G.  
*Mutations of SETBP1 and JAK3 in juvenile myelomonocytic leukemia: a report from the Italian AIEOP study group.*  
**Oncotarget.** 2016; 7(20):28914-9. 5,008
246. **Bronzini I**, Aresu L, **Paganin M**, Marchioretto L, Comazzi S, Cian F, Riondato F, Marconato L, Martini V, Te Kronnie G.  
*DNA methylation and targeted sequencing of methyltransferases family genes in canine acute myeloid leukaemia, modelling human myeloid leukaemia.*  
**Vet Comp Oncol.** 2016 Apr 21. doi: 10.1111/vco.12231. [Epub ahead of print] 2,452
247. Calabrese FM, Clima R, Pignataro P, Lasorsa VA, Hogarty MD, Castellano A, Conte M, **Tonini GP**, Iolascon A, Gasparre G, Capasso M.  
*A comprehensive characterization of rare mitochondrial DNA variants in neuroblastoma.*  
**Oncotarget.** 2016 Jun 24. doi: 10.18632/oncotarget.10271. [Epub ahead of print] 5,008
248. Carraro S., Cecchin D, Sgarabotto D, Bozzetto S, Zucchetta P, Rolma G, Toffolutti T, Zanconato S, **Putti MC**.  
*18F-FDG PET/MRI for monitoring disseminated aspergillosis in a 16-year-old boy".*  
**Pediatric Infectious Disease**, in press, Epub 23 June 2016 2,587

249. Cavazzini F, Campioni D, Ferrari L, **Buldini B**, Bardi MA, **Michielotto B**, Lazzari MC, Ongari M, Dabusti M, Daghia G, Sofritti O, **Basso G**, Lanza F, Cuneo A. *Expression of the immunoglobulin superfamily cell membrane adhesion molecule Cd146 in acute leukemia.* **Cytometry B Clin Cytom** 2016;90(3):247-56. 2,822
250. Cetica V, Sieni E, Pende D, Danesino C, De Fusco C, Locatelli F, Micalizzi C, **Putti MC**, Biondi A, Fagioli F, Moretta L, Griffiths GM, Luzzatto L, Aricò M. *Genetic predisposition to hemophagocytic lymphohistiocytosis: Report on 500 patients from the Italian registry.* **J Allergy Clin Immunol.** 2016;137(1):188-96.e4. 12,485
251. Chiaretti S, Brugnoletti F, Messina M, Paoloni F, Fedullo AL, Piocchi A, Elia L, Vitale A, Mauro E, Ferrara F, De Fabritiis P, Luppi M, Ronco F, De Propis MS, Raponi S, **Kronnie GT**, Vignetti M, Guarini A, Foà R. *CRLF2 overexpression identifies an unfavourable subgroup of adult B-cell precursor acute lymphoblastic leukemia lacking recurrent genetic abnormalities.* **Leuk Res.** 2016;41:36-42. 2,606
252. Cimmino F, Pezone L, Avitabile M, **Persano L**, Vitale M, Sassi M, **Bresolin S**, **Serafin V**, Zambrano N, Scaloni A, **Basso G**, Iolascon A, Capasso M. *Proteomic Alterations in Response to Hypoxia Inducible Factor 2 $\alpha$  in Normoxic Neuroblastoma Cells.* **J Proteome Res.** 2016;15(10):3643-55. 4,173
253. **Colombatti R**, Lucchetta M, **Montanaro M**, Rampazzo P, Ermani M, Talenti G, Baracchini C, Favero A, **Basso G**, Manara R, **Sainati L**. *Cognition and the Default Mode Network in Children with Sickle Cell Disease: A Resting State Functional MRI Study.* **PLoS One.** 2016;11(6):e0157090. 3,057
254. **Colombatti R**, **Sainati L**, Trevisanuto D. *Anemia and transfusion in the neonate.* **Semin Fetal Neonatal Med.** 2016;21(1):2-9. 2,800
255. Conte R, Ruggieri L, Gambino A, Bartoloni F, Baiardi P, Bonifazi D, Bonifazi F, Felisi M, Giannuzzi V, Padula R, Pepe A, Putti MC, Del Vecchio GC, Maggio A, Filosa A, Iacono A, Mangiarini L, Ceci A. *The Italian multiregional thalassemia registry: Centers characteristics, services, and patients' population.* **Hematology.** 2016;21(7):415-24. 1,385
256. Conter V, Valsecchi MG, **Buldini B**, Parasole R, Locatelli F, Colombini A, Rizzari C, **Putti MC**, Barisone E, Nigro LL, Santoro N, Ziino O, Pession A, Testi AM, Micalizzi C, Casale F, Pierani P, Cesaro S, Cellini M, Silvestri D, Cazzaniga G, Biondi A, **Basso G**. *Early T-cell precursor acute lymphoblastic leukaemia in children treated in AIEOP centres with AIEOP-BFM protocols: a retrospective analysis.* **Lancet Haematol.** 2016;3(2):e80-6. 4,889
257. **D'Angelo E**, Fassan M, Maretto I, Pucciarelli S, **Zanon C**, Digo M, Rugge M, Nitti D, **Agostini M**. *Serum miR-125b is a non-invasive predictive biomarker of the pre-operative chemoradiotherapy responsiveness in patients with rectal adenocarcinoma.* **Oncotarget.** 2016;7(19):28647-57. 5,008
258. de Rooij JD, Masetti R, van den Heuvel-Eibrink MM, Cayuela JM, Trka J, Reinhardt D, Rasche M, Sonneveld E, Alonzo TA, Fornerod M, Zimmermann M, **Pigazzi M**, Pieters R, Meshinch S, Zwaan CM, Locatelli F. *Recurrent abnormalities can be used for risk group stratification in pediatric AMKL: a retrospective intergroup study.* 11,847

**Blood.** 2016;127(26):3424-30.

259. Desbats MA, Morbidoni V, Silic-Benussi M, Doimo M, Ciminale V, Cassina M, Sacconi S, Hirano M, **Basso G**, Pierrel F, Navas P, Salviati L, **Trevisson E**.  
*The COQ2 genotype predicts the severity of coenzyme Q10 deficiency.*  
**Hum Mol Genet.** 2016 Aug 4. pii: ddw257. 5,985
260. Della Puppa A, Rustemi O, Rampazzo E, Persano L.  
*Letter to the Editor: What are we able to see, what it really is. The main challenge of intra-operative glioblastoma detection.*  
**Neurosurgery.** Accepted for publication. 3,780
261. Ebner H, Hayn D, Falgenhauer M, Nitzlnader M, Schleiermacher G, Haupt R, Erminio G, Defferrari R, Mazzocco K, Kohler J, **Tonini GP**, Ladenstein R, Schreier G.  
*Piloting the European Unified Patient Identity Management (EUPID) Concept to Facilitate Secondary Use of Neuroblastoma Data from Clinical Trials and Biobanking.* **Stud Health Technol Inform.** 2016; 223:31-8. 0,54
262. Farruggia P, Puccio G, Sala A, **Todesco A**, Buffardi S, Garaventa A, Bottigliero G, Bianchi M, Zecca M, Locatelli F, Pession A, **Pillon M**, Favre C, D'Amico S, Provenzi M, Trizzino A, Zanazzo GA, Sau A, Santoro N, Murgia G, Casini T, Mascarin M, Burnelli R.  
*The prognostic value of biological markers in paediatric Hodgkin lymphoma.*  
**Eur J Cancer.** 2016;52:33-40. 6,163
263. Farruggia P, Puccio G, Sala A, **Todesco A**, Terenziani M, Mura R, D'Amico S, Casini T, Mosa C, **Pillon M**, **Boaro MP**, Bottigliero G, Burnelli R, Consarino C, Fedeli F, Mascarin M, Perruccio K, Schiavello E, Trizzino A, Ficola U, Garaventa A, Rossello M.  
*Abdomen/pelvis computed tomography in staging of pediatric Hodgkin Lymphoma: is it always necessary?*  
**Cancer Med.** 2016;5(9):2359-67. 2,915
264. Formicola D, Petrosino G, Lasorsa VA, Pignataro P, Cimmino F, Vetrella S, Longo L, **Tonini GP**, Oberthuer A, Iolascon A, Fischer M, Capasso M.  
*An 18 gene expression-based score classifier predicts the clinical outcome in stage 4 neuroblastoma.*  
**J Transl Med.** 2016;14(1):142. 3,694
265. Franchi N, Ballin F, Manni L, Schiavon F, **Basso G**, Ballarin L.  
*Recurrent phagocytosis-induced apoptosis in the cyclical generation change of the compound ascidian Botryllus schlosseri.*  
**Dev Comp Immunol.** 2016;62:8-16. 3,620
266. Frezzato F, **Accordi B**, Trimarco V, Gattazzo C, Martini V, **Milani G**, **Bresolin S**, Severin F, Visentin A, **Basso G**, Semenzato G, Trentin L.  
*Profiling B cell chronic lymphocytic leukemia by reverse phase protein array: Focus on apoptotic proteins.*  
**J Leukoc Biol.** 2016 Jun 16. pii: jlb.2AB0715-301R. [Epub ahead of print] 4,165
267. Gambacorti-Passerini C, **Mussolin L**, Brugieres L.  
*Abrupt Relapse of ALK-Positive Lymphoma after Discontinuation of Crizotinib.*  
**N Engl J Med.** 2016;374(1):95-6 59,558
268. Gasparetto M, **Pillon M**, Cananzi M, Opinto V, **Messina C**, Guariso G.  
*Inside and outside the liver. The challenge of hepatitis associated aplastic anemia in children.*  
**Minerva Pediatr.** 2016;68(1):78-9. 0,532
269. Gasparini P, Casanova M, Villa R, Collini P, Alaggio R, Zin A, Bonvini P, Antonescu CR, Boldrini R, Caserini R, Moro M, Centonze G, Meazza C, Massimino M, Bergamaschi L, Luksch R, Chiaravallini 5,008

- S, **Bisogno G**, Zaffaroni N, Daidone M, Sozzi G, Ferrari A.  
*Anaplastic lymphoma kinase aberrations correlate with metastatic features in pediatric rhabdomyosarcoma.*  
**Oncotarget.** 2016 Jul 1. doi: 10.18632/oncotarget.10368.
270. Giona F, Saglio G, Santopietro M, Menna G, Iaria G, **Putti MC**, Micalizzi C, Santoro N, Ladogana S, Mura RM, Burnelli R, Consarino C, Cosmi C, Moleti ML, **Varotto S**, Tucci F, Nanni M, Diverio D, Biondi A, Locatelli F, and Foà R.  
*Early Response Does Not Impact on the Long-Term Outcome of Children and Adolescents with Chronic Myeloid Leukemia Treated with High-Dose Imatinib. the Italian Experience.*  
**BrJ Haem.** Accepted for publication, September 2016
271. Guezguez B, Almakadi M, Benoit YD, Shapovalova Z, Rahmig S, Fiebig-Comyn A, Casado FL, Tanasijevic B, **Bresolin S**, Masetti R, Doble BW, Bhatia M.  
*GSK3 Deficiencies in Hematopoietic Stem Cells Initiate Pre-neoplastic State that Is Predictive of Clinical Outcomes of Human Acute Leukemia.*  
**Cancer Cell.** 2016;29(1):61-74.
272. Heeney MM, Hoppe CC, Abboud MR, Inusa B, Kanter J, Ogutu B, Brown PB, Heath LE, Jakubowski JA, Zhou C, Zamoryakhin D, Agbenyega T, **Colombatti R**, Hassab HM, Nduba VN, Oyieko JN, Robitaille N, Segbefia CI, Rees DC; DOVE Investigators.  
*A Multinational Trial of Prasugrel for Sickle Cell Vaso-Oclusive Events.*  
**N Engl J Med.** 2016;374(7):625-35.
273. Helsmoortel HH, **Bresolin S**, Lammens T, Cavé H, Noellke P, Caye A, Ghazavi F, de Vries A, Hasle H, Labarque V, Masetti R, Stary J, An den Heuvel-Eibrink MM, Philippe J, Van Roy N, Benoit Y, Speleman F, Niemeyer C, Flotho C, **Basso G**, **Te Kronnie G**, Van Vlierberghe P, De Moerloose B.  
*LIN28B overexpression defines a novel fetal-like subgroup of juvenile myelomonocytic leukemia.*  
**Blood.** 2016;127(9):1163-72.
274. Helsmoortel HH, De Moerloose B, Pieters T, Ghazavi F, **Bresolin S**, Cavé H, de Vries A, de Haas V, Flotho C, Labarque V, Niemeyer C, De Paepe P, Van Roy N, Stary J, van den Heuvel-Eibrink MM, Benoit Y, Schulte J, Goossens S, Berx G, Haigh JJ, Speleman F, Van Vlierberghe P, Lammens T.  
*LIN28B is over-expressed in specific subtypes of pediatric leukemia and regulates lncRNA H19.*  
**Haematologica.** 2016;101(6):e240-4.
275. Kao YC, Sung YS, Zhang L, Huang SC, Argani P, Chung CT, Graf NS, Wright DC, Kellie SJ, Agaram NP, Ludwig K, **Zin A**, Alaggio R, Antonescu CR.  
*Recurrent BCOR Internal Tandem Duplication and YWHAE-NUTM2B Fusions in Soft Tissue Undifferentiated Round Cell Sarcoma of Infancy: Overlapping Genetic Features With Clear Cell Sarcoma of Kidney.*  
**Am J Surg Pathol.** 2016;40(8):1009-20.
276. Kao YC, Sung YS, Zhang L, Jungbluth AA, Huang SC, Argani P, Agaram NP, **Zin A**, Alaggio R, Antonescu CR.  
*BCOR Overexpression Is a Highly Sensitive Marker in Round Cell Sarcomas With BCOR Genetic Abnormalities.*  
**Am J Surg Pathol.** 2016 Jul 13. [Epub ahead of print]
277. Klionsky D.J., **Viola G.**, et al.  
*Guidelines for the use and interpretation of assay for monitoring autophagy (3<sup>rd</sup> edition).*  
**Autophagy** 2016;12:1-222.
278. Kumar S, Milani G, Takatsuki H, Lana T, Persson M, **Frasson C**, **te Kronnie G**, Månsson A.  
*Sensing protein antigen and microvesicle analytes using high-capacity biopolymer nano-*

- carriers..*  
**Analyst.** 2016;141(3):836-46
279. Jost RT, **Borga, C**, Radaelli E, Romagnani A, Perruzza L, Ornodho L., Cazzaniga G, Biondi A, Indraccolo S, Thelen M, **Te Kronnie G**, Grassi F.  
*Role of CXCR4-mediated bone marrow colonization in CNS infiltration by T-cell lymphoblastic leukemia.*  
**J Leukoc Biol.** 2016;99(6):1077-87. 4,165
280. Jortzik E, Zocher K, Isernhagen A, **Mailu B**, Rahlf S, **Viola G**, Wittlin S, Hunt NH, Ihmels H Becker K.  
*Acridizinium derivatives have a strong antimalarial activity and inhibit indoleamine dioxygenase.*  
**Antimicrob. Agents Chemother.** 2016;60:115-26. 4,415
281. La Starza R, Barba G, Demeyer S, Pierini V, Di Giacomo D, Gianfelici V, Schwab C, Matteucci C, Vicente C, Cools J, Messina M, Crescenzi B, Chiaretti S, Foa' R, **Basso G**, Harrison CJ, Mecucci C.  
*Deletions of the long arm of chromosome 5 define subgroups of T-cell acute lymphoblastic leukemia.*  
**Haematologica.** 2016;101(8):951-8. 6,671
282. Lasorsa VA, Formicola D, Pignataro P, Cimmino F, Calabrese FM, Mora J, **Esposito MR**, **Pantile M**, **Zanon C**, De Mariano M, Longo L, Hogarty MD, de Torres C, **Tonini GP**, Iolascon A, Capasso M.  
*Exome and deep sequencing of clinically aggressive neuroblastoma reveal somatic mutations that affect key pathways involved in cancer progression.*  
**Oncotarget.** 2016;7(16):21840-52. 5,008
283. Leoncini PP, Bertaina A, Papaioannou D, Flotho C, Masetti R, **Bresolin S**, Menna G, Santoro N, Zecca M, **Basso G**, Nigita G, Veneziano D, Pagotto S, D'Ovidio K, Rota R, Dorrance A, Croce CM, Niemeyer C, Locatelli F, Garzon R.  
*MicroRNA fingerprints in juvenile myelomonocytic leukemia (JMML) identified miR-150-5p as a tumor suppressor and potential target for treatment.*  
**Oncotarget.** 2016 Jul 13. doi: 10.18632/oncotarget.10577. [Epub ahead of print] 5,008
284. Lesma G., Luraghi A. Rainoldi G., **Mattiuzzo E**, **Bortolozzi R**. **Viola G.**, Silvani A.  
*Multicomponent Approach to Peptide-Ecdysteroid Conjugates: Creating Diversity at C6 by means of the Ugi Reaction .*  
**Synthesis** 2016;48:3907-16. 2,652
285. **Mainardi C**, **Tumino M**, **Gazzola MV**, Rampazzo A, Scarpa M, **Messina C**.  
*TCRa $\beta$  CD19 depletion in allogeneic haematopoietic stem cell transplantation performed for Hurler syndrome.*  
**Bone Marrow Transplant.** 2016;51(3):438-9. 3,636
286. **Manara E**, **Basso G**, **Zampini M**, **Buldini B**, **Tregnago C**, Rondelli R, Masetti R, **Bisio V**, **Frison M**, **Polato K**, Cazzaniga G, Menna G, Fagioli F, Merli P, Biondi A, Pession A, Locatelli F, **Pigazzi M**.  
*Characterization of children with FLT3-ITD acute myeloid leukemia: a report from the AIEOP AML-2002 study group.*  
**Leukemia.** 2016 Jul 15. doi: 10.1038/leu.2016.177. [Epub ahead of print] 12,104
287. Manara R, Talenti G, Rampazzo P, Ermani M, **Montanaro M**, Baracchini C, Teso S, **Basso G**, **Sainati L**, **Colombatti R**.  
*Longitudinal evaluation of cerebral white matter hyperintensities lesion volume in children with sickle cell disease.*  
**Br J Haematol.** 2016 Mar 27. doi: 10.1111/bjh.13962. [Epub ahead of print] 5,812
288. **Martella M**, Quaglia N, Frigo AC, **Basso G**, **Colombatti R**, **Sainati L**. 2,731

*Association between a combination of single nucleotide polymorphisms and large vessel cerebral vasculopathy in African children with sickle cell disease.*  
**Blood Cells Mol Dis.** 2016;61:1-3.

- |      |  |        |
|------|--|--------|
| 289. | Martire B, Panza R, <b>Pillon M</b> & Delvecchio M.<br><i>CHARGE Syndrome and Common Variabile Immunodeficiency: a case report and review of literature.</i><br><b>Pediatr Allergy Immunol.</b> 2016;27(5):546-50.   | 2,676  |
| 290. | Masetti R, Castelli I, Astolfi A, Bertuccio SN, Indio V, Togni M, Belotti T, Serravalle S, Tarantino G, Zecca M, <b>Pigazzi M</b> , <b>Basso G</b> , Pession A, Locatelli F. <i>Genomic complexity and dynamics of clonal evolution in childhood acute myeloid leukemia studied with whole-exome sequencing.</i> <b>Oncotarget.</b> 2016 Jul 22. doi: 10.18632/oncotarget.10778. [Epub ahead of print]   | 5,008  |
| 291. | <b>Maule F</b> , <b>Bresolin S</b> , <b>Rampazzo E</b> , <b>Boso D</b> , Della Puppa A, Esposito G, <b>Porcù E</b> , Mitola S, Lombardi G, <b>Accordi B</b> , <b>Tumino M</b> , <b>Basso G</b> , Persano L.<br><i>Annexin 2A sustains glioblastoma cell dissemination and proliferation.</i><br><b>Oncotarget.</b> 2016 Jul 13:54632-54649. doi: 10.18632/oncotarget.10565. [Epub ahead of print]  | 5,008  |
| 292. | Mediani L, Gibellini F, Bertacchini J, <b>Frasson C</b> , Bosco R, <b>Accordi B</b> , <b>Basso G</b> , Bonora M, Calabò ML, Mattiolo A, Sgarbi G, Baracca A, Pinton P, Riva G, Rampazzo E, Petrizza L, Prodi L, Milani D, Luppi M, Potenza L, De Pol A, Cocco L, Capitani S, Marmiroli S.<br><i>Reversal of the glycolytic phenotype of primary effusion lymphoma cells by combined targeting of cellular metabolism and PI3K/Akt/ mTOR signaling.</i> <b>Oncotarget.</b> 2016;7(5):5521-37.   | 5,008  |
| 293. | Mellgren K, Attarbaschi A, Abla O, Alexander S, Bomken S, Bubanska E, Chiang A, Csóka M, Fedorova A, Kabickova E, Kapuscinska-Kembrowska L, Kobayashi R, Krenova Z, Meyer-Wentrup F, Miakova N, <b>Pillon M</b> , Plat G, Uyttebroeck A, Williams D, Wróbel G, Kontny U; European Intergroup for Childhood Non-Hodgkin Lymphoma (EICNHL) and the international Berlin-Frankfurt-Münster (i-BFM) Group.<br><i>Non-anaplastic peripheral T cell lymphoma in children and adolescents-an international review of 143 cases.</i><br><b>Ann Hematol.</b> 2016;95(8):1295-305. | 3,022  |
| 294. | Messina M, Chiaretti S, Wang J, Fedullo AL, Peragine N, Gianfelici V, Piococchi A, Brugnoletti F, Di Giacomo F, Pauselli S, Holmes AB, Puzzolo MC, Ceglie G, Apicella V, Mancini M, <b>Te Kronnie G</b> , Testi AM, Vitale A, Vignetti M, Guarini A, Rabidan R, Foà R.<br><i>Prognostic and therapeutic role of targetable lesions in B-lineage acute lymphoblastic leukemia without recurrent fusion genes.</i><br><b>Oncotarget.</b> 2016;7(12):13886-901.   | 5,008  |
| 295. | Möricke A, Zimmermann M, Valsecchi MG, Stanulla M, Biondi A, Mann G, Locatelli F, Cazzaniga G, Niggli F, Aricò M, Bartram CR, Attarbaschi A, Silvestri D, Beier R, <b>Basso G</b> , Ratei R, Kulozik AE, Lo Nigro L, Kremens B, Greiner J, Parasole R, Harbott J, Caruso R, von Stackelberg A, Barisone E, Rössig C, Conter V, Schrappe M.<br><i>Dexamethasone vs. prednisone in induction treatment of pediatric ALL: results of the randomized trial AIEOP-BFM ALL 2000.</i><br><b>Blood.</b> 2016;127(17):2101-12.  | 11,847 |
| 296. | Orbach D, Brennan B, De Paoli A, Gallego S, Mudry P, Francotte N, Van Noesel M, Kelsey A, Alaggio R, Ranchère D, De Salvo GL, Casanova M, Bergeron C, Merks JH, Jenney M, Stevens MC, Bisogno G, Ferrari A.<br><i>Conservative strategy in infantile fibrosarcoma is possible: The European paediatric Soft tissue sarcoma Study Group experience.</i><br><b>Eur J Cancer.</b> 2016;57:1-9.  | 6,163  |
| 297. | Oshima K, Khiabanian H, da Silva-Almeida AC, Tzoneva G, Abate F, Ambesi-Impiombato A,  | 9,423  |

- Sanchez-Martin M, Carpenter Z, Penson A, Perez-Garcia A, Eckert C, Nicolas C, Balbin M, Sulis ML, Kato M, Koh K, **Paganin M, Basso G**, Gastier-Foster JM, Devidas M, Loh ML, Kirschner-Schwabe R, Palomero T, Rabidan R, Ferrando AA.  
*Mutational landscape, clonal evolution patterns, and role of RAS mutations in relapsed acute lymphoblastic leukemia.*  
**Proc Natl Acad Sci U S A.** 2016;113(40):11306-11.
298. **Paganin M, Buldini B, Germano G, Segnfreddo E, Meglio AD, Magrin E, Grillo F, Pigazzi M, Rizzari C, Cazzaniga G, Khiabanian H, Palomero T, Rabidan R, Ferrando AA, Basso G.**  
**A Case of T-cell Acute Lymphoblastic Leukemia Relapsed As Myeloid Acute Leukemia.**  
**Pediatr Blood Cancer.** 2016;63(9):1660-3. 2,634
299. Palanichamy JK, Tran TM, Howard JM, Contreras JR, Fernando TR, Sterne-Weiler T, Katzman S, Toloue M, Yan W, **Basso G, Pigazzi M**, Sanford JR, Rao DS. 12,575  
**RNA-binding protein IGF2BP3 targeting of oncogenic transcripts promotes hematopoietic progenitor proliferation.**  
**J Clin Invest.** 2016;126(4):1495-511.
300. Palmi C, Savino AM, Silvestri D, **Bronzini I, Cario G, Paganin M, Buldini B**, Galbiati M, Muckenthaler MU, Bugarin C, Mina PD, Nagel S, Barisone E, Casale F, Locatelli F, Nigro LL, Micalizzi C, Parasole R, Pession A, Putti MC, Santoro N, Testi AM, Ziino O, Kulozik AE, Zimmermann M, Schrappe M, Villa A, Gaipa G, **Basso G**, Biondi A, Valsecchi MG, Stanulla M, Conter V, **Kronnie GT**, Cazzaniga G. 5,008  
**CRLF2 over-expression is a poor prognostic marker in children with high risk T-cell acute lymphoblastic leukemia.**  
**Oncotarget.** 2016 Jul 15. doi: 10.18632/oncotarget.10610. [Epub ahead of print]
301. Panciera T, Azzolin L, Fujimura A, Di Biagio D, **Frasson C, Bresolin S**, Soligo S, **Basso G**, Bicciato S, Rosato A, Cordenonsi M, Piccolo S. 22,387  
**Induction of Expandable Tissue-Specific Stem/Progenitor Cells through Transient Expression of YAP/TAZ.**  
**Cell Stem Cell.** 2016 Sep 9. pii: S1934-5909(16)30256-9. doi: 10.1016/j.stem.2016.08.009. [Epub ahead of print]
302. **Pillon M, Mussolin L, Carraro E**, Conter V, Aricò M, Vinti L, Garaventa A, Piglione M, Buffardi S, Sala A, Santoro N, Lo Nigro L, Mura R, Tondo A, Casale F, Farruggia P, Pierani P, Cesaro S, d'Amore ES, **Basso G**. 5,812  
**Detection of prognostic factors in children and adolescents with Burkitt and Diffuse Large B-Cell Lymphoma treated with the AIEOP LNH-97 protocol.**  
**Br J Haematol.** 2016 Jul 8. doi: 10.1111/bjh.14240. [Epub ahead of print]
303. Pillozzi S, Masselli M, Gasparoli L, D'Amico M, Polletta L, Veltroni M, Favre C, **Basso G**, Bechetti A, Arcangeli A. 4,411  
**Macrolide antibiotics exert antileukemic effects by modulating the autophagic flux through inhibition of hERG1 potassium channels.**  
**Blood Cancer J.** 2016;6:e423.
304. Pinazza M, **Borga C**, Agnusdei V, Minuzzo S, Fossati G, **Paganin M, Michielotto B**, De Paoli A, **Basso G**, Amadori A, **Te Kronnie G**, Indraccolo S. 5,378  
**An immediate transcriptional signature associated with response to the histone deacetylase inhibitor Givinostat in T acute lymphoblastic leukemia xenografts.**  
**Cell Death Dis.** 2016;6:e2047.
305. **Pistolatto F**, Bremer-Hoffmann S, **Basso G**, Cano SS, Elio I, Vergara MM, Giampieri F, Battino M. 3,197  
**Targeting Glioblastoma with the Use of Phytocompounds and Nanoparticles.**  
**Target Oncol.** 2016;11(1):1-16.

306. Pithan P.M., Decker D., Sutero Sardo M., **Viola G.**, Ihmels H.  
*Synthesis and Fluorosolvatochromism of 3-Arylnaphtho[1,2-b]quinolizinium derivatives.*  
**Beilstein J. Org. Chem.** 2016;12:854-62. 2,697
307. Pizzi M, Fuligni F, Santoro L, Sabattini E, Ichino M, De Vito R, Zucchetta P, **Colombatti R**, **Sainati L**, Gamba P, Alaggio R.  
*Spleen histology in children with sickle cell disease and hereditary spherocytosis: hints on disease pathophysiology.*  
**Human Pathology.** 2016 Oct 19. pii: S0046-8177(16)30253-2. 2,791
308. **Pomari E**, Basso G, Bresolin S, Pillon M, Carraro E, d'Amore ES, Viola G, Frasson C, Basso K, Bonvini P, Mussolin L.  
*NPM-ALK expression levels identify two distinct signatures in Anaplastic Large Cell Lymphoma of Childhood.*  
**Leukemia** 2016 Oct 24. doi: 10.1038/leu.2016.292. [Epub ahead of print] 12,104
309. **Porcù E**, Persano L, Ronca R, Mitola S, **Bortolozzi R**, Romagnoli R, Oliva P, **Basso G**, **Viola G**.  
*The Novel Antitubulin Agent TR-764 Strongly Reduces Tumor Vasculature and Inhibits HIF-1 $\alpha$  Activation.*  
**Sci Rep.** 2016;6:27886. 5,228
310. **Porcù E**, Salvador A, Primac I, Mitola S, Ronca R, Ravelli C, **Bortolozzi R**, Vedaldi D, Romagnoli R, **Basso G**, **Viola G**.  
*Vascular disrupting activity of combretastatin analogues.*  
**Vascul Pharmacol.** 2016;83:78-89. 2,500
311. Primerano S, Burnelli R, **Carraro E**, **Pillon M**, Elia C, Farruggia P, Sala A, Vinti L, Buffardi S, **Basso G**, Mascarin M, **Mussolin L**.  
*Kinetics of Circulating Plasma Cell-Free DNA in Paediatric Classical Hodgkin Lymphoma.*  
**J Cancer.** 2016;7(4):364-6. 3,609
312. Romagnoli R, Baraldi PG, Prencipe F, Oliva P, Baraldi S, Tabrizi MA, Lopez-Cara LC, Ferla S, Brancale A, Hamel E, Ronca R, **Bortolozzi R**, **Mariotto E**, **Basso G**, **Viola G**.  
*Design and Synthesis of Potent in Vitro and in Vivo Anticancer Agents Based on 1-(3',4',5'-Trimethoxyphenyl)-2-Aryl-1H-Imidazole.*  
**Sci Rep.** 2016;6:26602. 5,228
313. Schiaffino-Ortega S, Baglioni E, **Mariotto E**, **Bortolozzi R**, Serrán-Aguilera L, Ríos-Marco P, Carrasco-Jimenez MP, Gallo MA, Hurtado-Guerrero R, Marco C, **Basso G**, **Viola G**, Entrena A, López-Cara LC.  
*Design, synthesis, crystallization and biological evaluation of new symmetrical biscationic compounds as selective inhibitors of human Choline Kinase  $\alpha$ 1 (ChoK $\alpha$ 1).* **Sci Rep.** 2016;6:23793. 5,228
314. Schiavinato A, Keene DR, Wohl AP, **Corallo D**, Colombatti A, Wagener R, Paulsson M, Bonaldo P, Sengle G.  
*Targeting of EMILIN-1 and EMILIN-2 to fibrillin microfibrils facilitates their incorporation into the extracellular matrix.*  
**J Invest Dermatol.** 2016;136(6):1150-60. 6,915

315. Schirmer M, **Trentin L**, Queudeville M, Seyfried F, Demir S, Tausch E, Stilgenbauer S, Eckhoff SM, Meyer LH, Debatin KM.  
**Intrinsic and chemo-sensitizing activity of SMAC-mimetics on high-risk childhood acute lymphoblastic leukemia.**  
*Cell Death Dis.* 2016;7:e2052. 5,378
316. Schmiegelow K, Attarbaschi A, Barzilai S, Escherich G, Frandsen TL, Halsey C, Hough R, Jeha S, Kato M, Liang DC, Mikkelsen TS, Möricke A, Niinimäki R, Piette C, **Putti MC**, Raetz E, Silverman LB, Skinner R, Tuckuviene R, van der Sluis I, Zapotocka E; Ponte di Legno toxicity working group.  
**Consensus definitions of 14 severe acute toxic effects for childhood lymphoblastic leukaemia treatment: a Delphi consensus.**  
*Lancet Oncol.* 2016;17(6):e231-9. 26,509
317. Shiramizu B, **Mussolin L**, Woessmann W, Klapper W. 5,812  
*Paediatric non-Hodgkin lymphoma - perspectives in translational biology.*  
*Br J Haematol.* 2016;173(4):617-24.
318. Spanevello F, Calistri A, Del Vecchio C, Mantelli B, **Frasson C**, **Basso G**, Palù G, Cavazzana M, Parolin C. 5,048  
*Development of lentiviral vectors simultaneously expressing multiple siRNAs against CCR5, vif and tat/rev genes for an HIV-1 gene therapy approach.*  
*Mol Ther Nucleic Acids.* 2016;5:e312.  
-
319. Spinelli C, Strambi S, Rossi L, Bakkar S, Massimino M, Ferrari A, Collini P, Cecchetto G, **Bisogno G**, Inserra A, Bianco F, Miccoli P. 1,994  
**Surgical management of papillary thyroid carcinoma in childhood and adolescence: an Italian multicenter study on 250 patients.**  
*J Endocrinol Invest.* 2016;39(9):1055-9.
320. Svahn J, Bagnasco F, Cappelli E, Onofrillo D, Caruso S, Corsolini F, De Rocco D, Savoia A, Longoni D, **Pillon M**, Marra N, Ramenghi U, Farruggia P, Locasciulli A, Addari C, Cerri C, Mastrodomica E, Casazza G, Verzegnassi F, Riccardi F, Haupt R, Barone A, Cesaro S, Cugno C, Dufour C. 5,000  
*Somatic, hematologic phenotype, long-term outcome and effect of hematopoietic stem cell transplantation. An analysis of 97 Fanconi Anemia patients from the Italian national database on behalf of the Marrow Failure Study Group of the AIEOP (Italian Association of Pediatric Hematology-Oncology).*  
*Am J Hematol.* 2016;91(7):666-71.
321. Tosello V, Bordin F, Yu J, Agnusdei V, Indraccolo S, **Basso G**, Amadori A, Piovan E. 12,104  
**Calcineurin and GSK-3 inhibition sensitizes T-cell acute lymphoblastic leukemia cells to apoptosis through X-linked inhibitor of apoptosis protein degradation.**  
*Leukemia.* 2016;30(4):812-22.
322. Tregnago C, Manara E, Zampini M, Bisio V, Borga C, Bresolin S, Aveic S, Germano G, **Basso G**, Pigazzi M. 12,104  
**CREB engages C/EBP $\delta$  to initiate leukemogenesis.**  
*Leukemia.* 2016;30(9):1887-96.
323. Tremolada M, Bonichini S, **Basso G**, **Pillon M**. 2,463  
**Post-traumatic Stress Symptoms and Post-traumatic Growth in 223 Childhood Cancer Survivors: Predictive Risk Factors.**  
*Front Psychol.* 2016;7:287.
324. Tremolada M, Bonichini S, **Basso G**, **Pillon M**. 3,256  
**Perceived social support and health-related quality of life in AYA cancer survivors and controls.**  
*Psychooncology.* 2016 Jan 26. doi: 10.1002/pon.4072. [Epub ahead of print]

- |      |  |        |
|------|--|--------|
| 325. | Trentin L, Bresolin S, Giarin E, Bardini M, Serafin V, Accordi B, Fais F, Tenca C, De Lorenzo P, Valsecchi MG, Cazzaniga G, <b>Kronnie GT, Basso G.</b><br><i>Deciphering KRAS and NRAS mutated clone dynamics in MLL-AF4 paediatric leukaemia by ultra deep sequencing analysis.</i><br><i>Sci Rep.</i> 2016;6:34449.   | 5,228  |
| 326. | Vitrano A, Calvaruso G, Tesé L, Gioia F, Cassarà F, Campisi S, Butera F, Commendatore V, Rizzo M, Santoro V, Cigna V, Quota A, Bagnato S, Argento C, Fidone C, Schembari D, Gerardi C, Barbiera F, Bellissima G, Giugno G, Polizzi G, Rosso R, Abbate G, Caruso V, Chiodi E, Gamberini MR, Giorgi B, <b>Putti MC</b> , Filosa A, De Ritis MR, Oliva E, Arcadi N, Fustaneo M, Mistretta L, Di Maggio R, Sacco M, Veronica DS, Giangreco A, Maggio A.<br><i>Real-life experience with liver iron concentration R2 MRI measurement in patients with hemoglobinopathies: baseline data from LICNET.</i><br><i>Eur J Haematol.</i> 2016;97(4):361-70. | 2,544  |
| 327. | Völler S, Hempel G, Würthwein G, Boddy AV, Krischke M, André N, D'Incalci M, <b>Bisogno G</b> , Boos J.<br><i>Towards a Model-Based Dose Recommendation for Doxorubicin in Children.</i><br><i>Clin Pharmacokinet.</i> 2016 Sep 19. [Epub ahead of print]  | 4,829  |
|      |  | 12,104 |
| 328. | <b>Bisio V., Zampini M., Tregnago C., Manara E., Salsi V., Di Meglio A., Masetti R., Togni M., Di Giacomo D., Minuzzo S., Leszl A., Zappavigna V., Rondelli R., Mecucci C., Pession A., Locatelli F., Basso G., Pigazzi M.</b><br><i>NUP98-fusion transcripts characterize different biological entities within acute myeloid leukemia: a report from the AIEOP-AML group.</i><br><i>Leukemia</i> Nov 2016. [in press]   |        |
| 329. | <b>Buldini B., Rizzati F., Masetti R., Fagioli F., Menna G., Micalizzi C., Putti M.C., Rizzari C., Santoro N., Zecca M., Disarò S., Rondelli R., Merli P., Pigazzi M., Pession A., Locatelli F. * and Basso B. *</b><br><i>Prognostic significance of flow-cytometry evaluation of minimal residual disease in children with acute myeloid leukemia treated according to the AIEOP-AML 2002/01 study protocol.</i><br><i>Br J Haematol.</i> 2016. [in press]   | 5,812  |

## Publications without IF

1. Gasparetto M, Giordano L, Cananzi M, Beltrame V, **Bisogno G**, Guariso G.  
*Conservative treatment for cystic duct stenosis in a child.*  
*Case Reports Hepatol.* 2013;2013:146261.
2. Tremolada M, Bonichini S, Weisner TS, **Basso G** and **Pillon M.**  
*Parental Narratives of Children with Leukemia in the Second Week after the Diagnosis: The Ecocultural Family Interview-Cancer.*  
*J Ped Onc* 2013;1:119-28.
3. Cavaliere E, Alaggio R, Castagnetti M, Scarzello G, **Bisogno G.**  
*Prostatic stromal sarcoma in an adolescent: the role of chemotherapy.*  
*Rare Tumors.* 2014;6(4):5607.
4. Mussolin L, Pillon M, Basso G.  
*La malattia minima (disseminata e residua) può essere un utile marcatore di prognosi nei linfomi non-Hodgkin pediatrici?*  
*Clinical Management Issues (CMI)* 2014; 8(2):11-18.

5. Rizzari C, **Putti MC**, Colombini A, Casagranda S, Ferrari GM, Papayannidis C, Iacobucci I, Abbenante MC, Sartor C, Martinelli G.  
**Rationale for a pediatric-inspired approach in the adolescent and young adult population with acute lymphoblastic leukemia, with a focus on asparaginase treatment.**  
*Hematol Rep.* 2014;6(3):5554.
6. Cesaro S, Tridello G, **Pillon M**, Calore E, Abate D, **Tumino M**, Carucci N, Varotto S, Cannata E, Pegoraro A, Barzon L, Palù G, **Messina C**.  
*A Prospective Study on the Predictive Value of Plasma BK Virus-DNA Load for Hemorrhagic Cystitis in Pediatric Patients After Stem Cell Transplantation.*  
*J Pediatric Infect Dis Soc.* 2015;4(2):134-42.
7. Nicchia E, Greco C, De Rocco D, Pecile V, D'Eustacchio A, Cappelli E, Corti P, Marra N, Ramenghi U, **Pillon M**, Farruggia P, Dufour C, Pallavicini A, Torelli L, Savoia A.  
*Identification of point mutations and large intragenic deletions in Fanconi anemia using next-generation sequencing technology.*  
*Mol Genet Genomic Med.* 2015;3(6):500-12.
8. Pashankar F, **Bisogno G**, Ribeiro R, Messinger Y, Schultz KA, Rodriguez-Galindo C.  
*The Role of Registries and Tumor Banking in Rare Pediatric Tumors.*  
*Curr Pediatr Rep.* 2015;3:128-36 .
9. Piccin A, Murphy C, Eakins E, Kunde J, Corvetta D, Di Pierro A, Negri G, Guido M, **Sainati L**, Mc Mahon C, Smith OP, Murphy W.  
*Circulating microparticles, protein C, free protein S and endothelial vascular markers in children with sickle cell anaemia.*  
*J Extracell Vesicles.* 2015;4:28414.
10. **Colombatti R, Sainati L**.  
*Management of Children With Sickle Cell Disease in Europe: Current Situation and Future Perspectives.*  
*EMJ Hematol.* 2016;4(1):129-35
11. Farruggia P, Di Cataldo A, Pinto RM, Palmisani E, Macaluso A, Valvo LL, Cantarini ME, Tornesello A, Corti P, Fioredda F, **Varotto S**, Martire B, Moroni I, Puccio G, Russo G, Dufour C, **Pillon M**.  
*Pearson Syndrome: A Retrospective Cohort Study from the Marrow Failure Study Group of A.I.E.O.P. (Associazione Italiana Emato-Oncologia Pediatrica).*  
*JIMD Rep.* 2016;26:37-43.

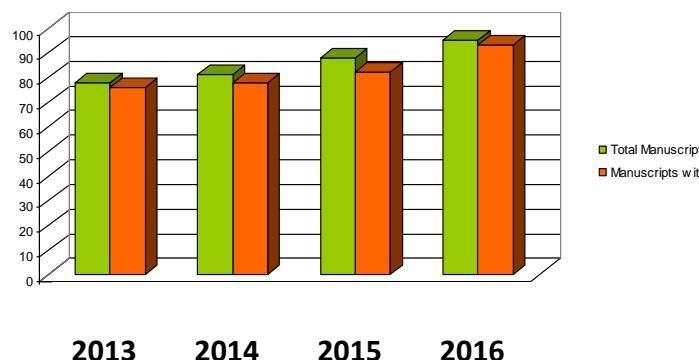
## Book chapters

- 341 Bertozi I, Putti MC, Randi ML.  
*Case 6 – Erythrocytosis in a child with heterozygous VHL mutation.*  
**Congenital Erythrocytosis and Hereditary Thrombocytosis. Clinical presentation, diagnosis, treatment and follow-up. A practical guide with clinical cases 2015.**  
EU Framework Programme Horizon 2020
- 342 Persano L, Della Puppa A, Porcù E, Maule F, and Viola G.  
*Glioblastoma Cancer Stem Cells.* In: Babashah S. (Ed.) *Cancer Stem Cells: Emerging Concepts and Future Perspectives in Translational Oncology.*  
Springer International Publishing. 2015;11:273-97.

## PAPERS AND IMPACT FACTOR DISTRIBUTION IN 2013-2016

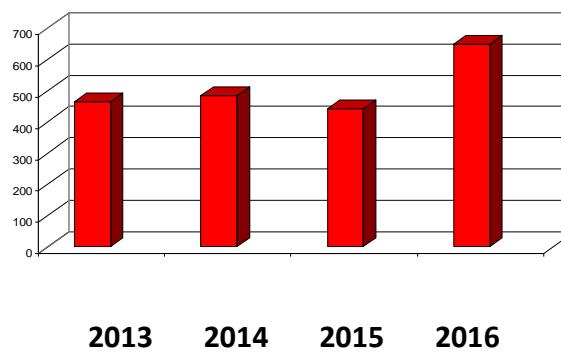
	2013	2014	2015	2016
<b>Manuscripts with IF</b>	<b>76</b>	<b>78</b>	<b>82</b>	<b>93</b>
<b>Manuscripts without IF</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>2</b>
<b>Book chapters</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Total IF</b>	464,232	484,597	441,906	649,421
<b>IF/Papers</b>	<b>6,108315</b>	<b>6,212782</b>	<b>5,389097</b>	<b>6,983021</b>

**Publications 2013-2016**



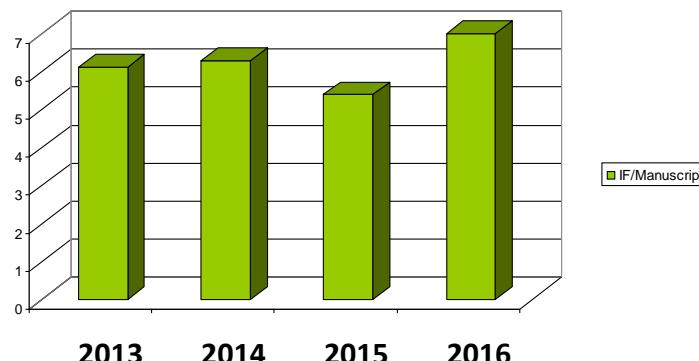
2013      2014      2015      2016

**Total IF**



2013      2014      2015      2016

**IF/Publications**



2013      2014      2015      2016