

# SPOG publications in 2020

Below is a list of the publications that appeared in national and international scientific journals in 2020 and in which people from the SPOG network were actively involved.

	Authors/title/journal	Publications in peer reviewed journals and cited in PubMed	JIF
1	<b>Adam C</b> , Deffert C, Leyvraz C, Primi MP, Simon JP, <b>Beck Popovic M</b> , Bénard J, Bouthors T, Girardin C, Streuli I, Vulliamoz N, <b>Gumy Pause F</b> . Use and effectiveness of sperm cryopreservation for adolescents and young adults: A 37-year bicentric experience. <i>J Adolesc Young Adult Oncol</i> . (2020). doi: 10.1089/jayao.2020.0121.		1.465
2	Aguadé-Gorgorió J, McComb S, Eckert C, Guinot A, Marovca B, Mezzatesta C, Jenni S, Abdul L, Schrappe M, Dobay MP, Stanulla M, von Stackelberg A, Cario G, <b>Bourquin JP, Bornhauser BC</b> . TNFR2 is required for RIP1-dependent cell death in human leukemia. <i>Blood Adv</i> . (2020); 4(19), 4823-4833. doi: 10.1182/bloodadvances.2019000796.		4.910
3	Alijaj N, Moutel S, Gouveia ZL, Gray M, Roveri M, <b>Dzhumashev D</b> , Weber F, Meier G, Luciani P, <b>Rössler JK, Schäfer BW</b> , Perez F, <b>Bernasconi M</b> . Novel FGFR4-Targeting single-domain antibodies for multiple targeted therapies against rhabdomyosarcoma. <i>Cancers (Basel)</i> . (2020); 12(11), 3313. doi: 10.3390/cancers12113313.		6.126
4	Amoroso L, Castel V, Bisogno G, Casanova M, Marquez-Vega C, Chisholm JC, Doz F, Moreno L, Ruggiero A, <b>Gerber NU</b> , Fagioli F, Hingorani P, Melcón SG, Slepetic R, Chen N, le Bruchec Y, Simcock M, Vassal G. Phase II results from a phase I/II study to assess the safety and efficacy of weekly nab-paclitaxel in paediatric patients with recurrent or refractory solid tumours: A collaboration with the European Innovative Therapies for Children with Cancer Network. <i>Eur J Cancer</i> . (2020); 135, 89-97. doi: 10.1016/j.ejca.2020.04.031.		7.725
5	An S, Camarillo JM, Huang TY, Li D, Morris JA, Zoltek MA, Qi J, Behbahani M, Kambhampati M, Kelleher NL, <b>Nazarian J</b> , Thomas PM, Saratsis AM. Histone tail analysis reveals H3K36me2 and H4K16ac as epigenetic signatures of diffuse intrinsic pontine glioma. <i>J Exp Clin Cancer Res</i> . (2020); 39(1), 261. doi: 10.1186/s13046-020-01773-x.		7.068
6	Andersson NG, Labarque V, Letelier A, Mancuso ME, Bühlren M, Fischer K, <b>Kartal-Kaess M</b> , Koskenvuo M, Mikkelsen T, Ljung R, PedNet study group. Novel F8 and F9 gene variants from the PedNet hemophilia registry classified according to ACMG/AMP guidelines. <i>Hum Mutat</i> . (2020); 41(12), 2058-2072. doi: 10.1002/humu.24117.		4.124
7	Ardura-García C, Mouzon R, Pedersen E, <b>Ott M</b> , Mallet M, Goutaki M, <b>Kuehni CE</b> . Paediatric cohort studies on lower respiratory diseases and their reporting quality: systematic review of the year 2018. <i>Eur Respir J</i> . (2020); doi: 10.1183/13993003.00168-2020.		12.339
8	Avila ML, Amiri N, Pullenayegum E, Blanchette V, Imbach P, <b>Kühne T</b> . Long-term outcomes after splenectomy in children with immune thrombocytopenia: an update on the registry data from the Intercontinental Cooperative ITP Study Group. <i>Haematologica</i> . (2020); 105(11), 2682-2685. doi: 10.3324/haematol.2019.236737.		7.116
9	Azorsa DO, Bode PK, <b>Wachtel M</b> , Cheuk ATC, Meltzer PS, Vokuhl C, Camenisch U, Khov HL, Bode B, <b>Schäfer BW</b> , Khan J. Immunohistochemical detection of PAX-FOXO1 fusion proteins in alveolar rhabdomyosarcoma using breakpoint specific monoclonal antibodies. <i>Mod Pathol</i> . (2020). doi: 10.1038/s41379-020-00719-0.		5.988
10	Baenziger J, Hetherington K, Wakefield CE, Carlson L, McGill BC, Cohn RJ, <b>Michel G</b> , Sansom-Daly UM. Understanding parents' communication experiences in childhood cancer: a qualitative exploration and model for future research. <i>Support Care Cancer</i> . (2020); 28(9), 4467-76. doi: 10.1007/s00520-019-05270-6.		2.635
11	Baenziger J, Roser K, Mader L, Harju E, <b>Ansari M, Waespe N, Scheinmann K, Michel G</b> . Post-traumatic stress in parents of long-term childhood cancer survivors compared to parents of the Swiss general population. <i>J Psychosoc Oncol Res Pract</i> . (2020); 2(3). Doi: 10.1097/OR9.0000000000000024.		No JIF available
12	Bailey CP, Figueroa M, Gangadharan A, Yang Y, Romero MM, Kennis BA, Yadavilli S, Henry V, Collier T, Monje M, Lee DA, Wang L, <b>Nazarian J</b> , Gopalakrishnan V, Zaky W, Becher OJ, Chandra J. Pharmacologic inhibition of lysine-specific demethylase 1 as a therapeutic and immune-sensitization strategy in pediatric high-grade glioma. <i>Neuro Oncol</i> . (2020); 22(9), 1302-1314. doi: 10.1093/neuonc/naaa058.		10.247
13	Balduzzi A, Bönig H, Jarisch A, <b>Nava T, Ansari M</b> , Cattoni A, Prunotto G, Lucchini G, Krivan G, Matic T, Kalwak K, Yesilipek A, Ifversen M, Svec P, Buechner J, Vetterranta K, Meisel R, Lawitschka A, Peters C, Gibson B, Dalissier A, Corbacioglu S, Willasch A, Dalle JH, Bader P, EBMT Pediatric Diseases Working Party. ABO incompatible graft management in pediatric transplantation. <i>Bone Marrow Transplant</i> . (2021); 56(1), 84-90. doi: 10.1038/s41409-020-0981-7. Epub 2020 Jun 27.		4.725
14	<b>Baleyrier F</b> , Bernard F, <b>Ansari M</b> . The possibilities of immunotherapy for children with primary immunodeficiencies associated with cancers. <i>Biomolecules</i> . (2020); 10(8), 1112. doi: 10.3390/biom10081112.		4.082

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15	Bartkevics M, Hennig B, <b>Güngör T, Ammann RA</b> , Kadner A. Prolonged pediatric extracorporeal membrane oxygenation support with cardiopulmonary failure in juvenile myelomonocytic leukemia. <i>Case Rep Hematol.</i> (2020); 13, 5696380. doi: 10.1155/2020/5696380.	No JIF available
16	<b>Baumgartner M</b> , Eggerth A, Ziegl A, Hayn D, Schreier G. Experimenting with generative adversarial networks to expand sparse physiological time-series data. <i>Stud Health Technol Inform.</i> (2020); 271, 248-255. doi: 10.3233/SHTI200103.	0.44
17	Benzing V, Spitzhüttl J, Siegart V, Schmid J, <b>Grotzer M</b> , Heinks T, Roebers C, Steinlin M, <b>Leibundgut K</b> , Schmidt M, Everts R. Effects of cognitive training and exergaming in pediatric cancer survivors – a randomized clinical trial. <i>Med Sci Sports Exerc.</i> (2020); 52(11), 2293-2302. doi: 10.1249/MSS.0000000000002386.	4.029
18	Berthold F, Faldum A, Ernst A, Boos J, Dilloo D, Eggert A, Fischer M, Frühwald M, Henze G, Klingebiel T, Kratz C, Kremens B, Krug B, Leuschner I, Schmidt M, Schmidt R, Schumacher-Kuckelkorn R, von Schweinitz D, <b>Schilling FH</b> , Theissen J, Volland R, Hero B, Simon T. Extended induction chemotherapy does not improve the outcome for high-risk neuroblastoma patients: results of the randomized open-label GPOH trial NB2004-HR. <i>Ann Oncol.</i> (2020); 31(3), 422-429. doi: 10.1016/j.annonc.2019.11.011.	18.274
19	Bonner ER, Waszak SM, <b>Grotzer M, Mueller S, Nazarian J</b> . Mechanisms of imipridones in targeting mitochondrial metabolism in cancer cells. <i>Neuro Oncol.</i> (2020). doi: 10.1093/neuonc/noaa283.	10.274
20	Bono GLP, Lehner M, <b>Schilling FH</b> , Stahr N, Nowack M, Szavay PO. Complete resection of a large mediastinal calcifying fibrous tumor. <i>Eur J Pediatr Surg.</i> (2020); 8(1), e48-e51. doi: 10.1055/s-0040-1713135.	1.919
21	<b>Bornhauser B</b> , Cario G, Rinaldi A, Risch T, Rodriguez Martinez V, Schütte M, Warnatz HJ, Scheidegger N, Mirkowska P, Temperli M, Möller C, Schumich A, Dworzak M, Attarbaschi A, Brüggemann M, Ritgen M, Mejstrikova E, Hofmann A, Buldini B, Scarpato P, Basso G, Maglia O, Gaipa G, Skoblyn TL, Te Kronnie G, Vendramini E, Panzer-Grümayer R, Barz MJ, Marovca B, Hauri-Hohl M, <b>Niggli FK</b> , Eckert C, Schrappe M, Stanulla M, Zimmermann M, Wollscheid B, Yaspo ML, <b>Bourquin JP</b> . The hematopoietic stem cell marker VNN2 is associated with chemoresistance in pediatric B-cell precursor ALL. <i>Blood Adv.</i> (2020); 4(17), 4052-4064. doi: 10.1182/bloodadvances.2019000938.	4.910
22	<b>Brack E, Wachtel M</b> , Wolf A, Kaech A, Ziegler U, <b>Schäfer BW</b> . Fenretinide induces a new form of dynamin-dependent cell death in pediatric sarcoma. <i>Cell Death Differ.</i> (2020); 27(8), 2500-2516. doi: 10.1038/s41418-020-0518-z.	10.717
23	<b>Brack E</b> , Wagner S, <b>Stutz-Grunder E</b> , Agyeman PKA, <b>Ammann RA</b> . Temperatures, diagnostics and treatment in pediatric cancer patients with fever in neutropenia, NCT01683370. <i>Sci Data.</i> (2020); 7(1), 156. doi: 10.1038/s41597-020-0504-9.	5.541
24	Bradford KL, Liu S, Krajcinovic M, <b>Ansari M</b> , Garabedian E, Tse J, Wang X, Shaw KL, Gaspar HB, Candotti F, Kohn DB. Busulfan pharmacokinetics in adenosine deaminase-deficient severe combined immunodeficiency gene therapy. <i>Biol Blood Marrow Transplant.</i> (2020); 26(10), 1819-1827. doi: 10.1016/j.bbmt.2020.07.004.	3.853
25	Bremer J, Kottke R, Johann PD, von Hoff K, <b>Brazzola P, Grotzer MA</b> , Kool M, Rushing E, <b>Gerber NU</b> . A single supratentorial high-grade neuroepithelial tumor with two distinct BCOR mutations, exceptionally long complete remission and survival. <i>Pediatr Blood Cancer.</i> (2020); 67(7). doi: 10.1002/pbc.28384.	2.355
26	Brill R, Uller W, Huf V, Müller-Wille R, Schmid I, Pohl A, Häberle B, Perkowski S, Funke K, Till AM, Lauten M, Neumann J, Güttel C, Heid E, Ziermann F, Schmid A, Hüsemann D, Meyer L, Sporns PB, Schinner R, Schmidt VF, Ricke J, <b>Rössler J</b> , Kapp FG, Wohlgemuth WA, Wildgruber M. Additive value of transarterial embolization to systemic sirolimus treatment in kaposiform hemangioendothelioma. <i>Int J Cancer.</i> (2020). doi: 10.1002/ijc.33406.	5.145
27	Bruns D, Gawehn E, Kumar KS, Schneider P, <b>Baumgartner M</b> , Schneider G. Identification of synthetic activators of cancer cell migration by hybrid deep learning. <i>Chembiochem.</i> (2020); 21(4), 500-507. doi: 10.1002/cbic.201900346.	2.576
28	Calaminus G, Schneider DT, von Schweinitz D, Jürgens H, Infed N, Schönberger S, Olson TA, Albers P, Vokuhl C, Stein R, Looijenga L, Sehouli J, Metzelder M, Claviez A, Dworzak M, Eggert A, Fröhlich B, <b>Gerber NU</b> , Kratz CP, Faber J, Klingebiel T, Harms D, Göbel U. Age-dependent presentation and clinical course of 1465 patients aged 0 to less than 18 years with ovarian or testicular germ cell tumors; data of the MAKEI 96 protocol revisited in the light of prenatal germ cell biology. <i>Cancers (Basel).</i> (2020); 12(3), 611. doi: 10.3390/cancers12030611.	6.126
29	Cam M, Charan M, Welker AM, Dravid P, Studebaker AW, Leonard JR, Pierson CR, Nakano I, Beattie CE, Hwang EI, Kambhampati M, <b>Nazarian J</b> , Finlay JL, Cam H. Np73/ETS2 complex drives glioblastoma pathogenesis- targeting downstream mediators by rebastinib prolongs survival in preclinical models of glioblastoma. <i>Neuro Oncol.</i> (2020); 22(3), 345-356. doi: 10.1093/neuonc/noz190.	10.247
30	Cario G, Leoni V, Conter V, Attarbaschi A, Zaliova M, Sramkova L, Cazzaniga G, Fazio G, Sutton R, Elitzur S, Israeli S, Lauten M, Locatelli F, Basso G, Buldini B, Bergmann AK, Lentès J, Steinemann D, Göhring G, Schlegelberger B, Haas OA, Schewe D, Buchmann S, Moericke A, White D, Revesz T, Stanulla M, Mann G, <b>Bodmer N</b> , Arad-Cohen N, Zuna J, Valsecchi MG, Zimmermann M, Schrappe M, Biondi A. Relapses and treatment-related events contributed equally to poor prognosis in children with ABL-class fusion positive B-cell acute lymphoblastic leukemia treated according to AIEOP-BFM protocols. <i>Haematologica.</i> (2020); 105(7), 1887-1894. doi: 10.3324/haematol.2019.231720.	7.116
31	Carlhan-Ledermann A, Laubscher B, Steinlin M, Ulrich CT, Verma RK, <b>Rizzi M</b> , Maduri R, Grunt S. Spinal epidural hematoma without significant trauma in children: two case reports and review of the literature. <i>BMC Pediatr.</i> (2020); 20(1), 77. doi: 10.1186/s12887-020-1957-x.	1.909

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32	Cesaro S, Pillon M, Sauer M, Smiers F, Faraci M, Diaz de Heredia C, Wynn R, Greil J, Locatelli F, Veys P, Uyttebroeck A, Ljungman P, Chevalier P, <b>Ansari M</b> , Badell I, <b>Güngör T</b> , Salim R, Tischer J, Tecchio C, Russell N, Chybicka A, Styczynski J, Kriván G, Smith O, Stein J, Afanasyev B, Pochon C, Menconi MC, Bosman P, Mauro M, Tridello G, Peffault de Latour R, Dufour C. Long-term outcome after allogeneic hematopoietic stem cell transplantation for Shwachman-Diamond syndrome: a retrospective analysis and a review of the literature by the Severe Aplastic Anemia Working Party of the European Society for Blood and Marrow Transplantation (SAAWP-EBMT). <i>Bone Marrow Transplant.</i> (2020); 55(9), 1796-1809. doi: 10.1038/s41409-020-0863-z.	4.725
33	Chastkofsky MI, Pituch KC, Katagi H, Zannikou M, Ilut L, Xiao T, Han Y, Sonabend AM, Curiel DT, Bonner ER, <b>Nazarian J</b> , Horbinski CM, James CD, Saratsis AM, Hashizume R, Lesniak MS, Balyasnikova IV. Mesenchymal stem cells successfully deliver oncolytic virotherapy to diffuse intrinsic pontine glioma. <i>Clin Cancer Res.</i> (2020). doi: 10.1158/1078-0432.CCR-20-1499.	10.107
34	Cehade H, Cachat F, <b>Beck Popovic M</b> , Rotman S, Diezi L, <b>Albisetti M</b> , Alberio L, Young G, <b>Rizzi M</b> . Emicizumab-induced seronegative full-house lupus nephritis in a child. <i>Pediatrics.</i> (2020); 146(5). doi: 10.1542/peds.2020-0123.	5.359
35	<b>Choucair ML</b> , Brisse HJ, Fréneaux P, Desjardins L, Dorfmueller G, Puget S, Dendale R, Chevrier M, Doz F, Lumbroso-Le Rouic L, Aerts I. Management of advanced uni- or bilateral retinoblastoma with macroscopic optic nerve invasion. <i>Pediatr Blood Cancer.</i> (2020); 67(1). doi: 10.1002/pbc.27998.	2.355
36	Christen S, Roser K, Mulder RL, Ilic A, Lie HC, Loonen JJ, Mellblom AV, Kremer LCM, Hudson MM, Constine LS, Skinner R, <b>Scheinemann K</b> , Gilleland Marchak J, <b>Michel G</b> . Recommendations for the surveillance of cancer-related fatigue in childhood, adolescent, and young adult cancer survivors: a report from the International late effects of Childhood Cancer Guideline Harmonization Group. <i>J Cancer Surviv.</i> (2020); 14(6), 923-938. doi: 10.1007/s11764-020-00904-9.	3.296
37	Clemens E, Broer L, Langer T, Uitterlinden AG, de Vries ACH, van Grotel M, Pluijm SFM, Binder H, Byrne J, Broeder EVD, Crocco M, Grabow D, Kaatsch P, Kaiser M, Kenborg L, Winther JF, Rechnitzer C, Hasle H, Kepak T, van der Kooi AF, Kremer LC, Kruseova J, <b>Kuehni CE</b> , van der Pal H, Parfitt R, Deuster D, Matulat P, Spix C, Tillmanns A, Tissing WJE, Maier L, Am Zehnhoff-Dinnesen A, Zolk O, van den Heuvel-Eibrink MM, PanCare Lc. Genetic variation of cisplatin-induced ototoxicity in non-cranial-irradiated pediatric patients using a candidate gene approach: The International PanCareLIFE Study. <i>Pharmacogenomics J.</i> (2020); 20(2), 294-305. doi: 10.1038/s41397-019-0113-1.	2.910
38	Coleman C, Stoller S, <b>Grotzer M</b> , <b>Guerreiro Stücklin A</b> , <b>Nazarian J</b> , <b>Mueller S</b> . Pediatric hemispheric high-grade glioma: targeting the future. <i>Cancer Metastasis Rev.</i> (2020); 39(1), 245-260. doi: 10.1007/s10555-020-09850-5.	6.400
39	Coste A, Bailey HD, <b>Kartal-Kaess M</b> , <b>Renella R</b> , Berthet A, <b>Spycher BD</b> . Parental occupational exposure to pesticides and risk of childhood cancer in Switzerland: a census-based cohort study. <i>BMC Cancer.</i> (2020); 20(1), 819. doi: 10.1186/s12885-020-07319-w.	3.150
40	Cruzeiro GAV, Lira RCP, de Almeida Magalhães T, Scrideli CA, Valera ET, <b>Baumgartner M</b> , Tone LG. CTGF expression is indicative of better survival rates in patients with medulloblastoma. <i>Cancer Gene Ther.</i> (2020); 27(5), 378-382. doi: 10.1038/s41417-019-0100-3.	4.534
41	<b>Dantonello T</b> , <b>Kartal-Kaess M</b> , Aebi C, Suter-Riniker F, Busch J, Kubetzko S, <b>Bourquin JP</b> , <b>Rössler J</b> . SARS-CoV-2 infection during induction chemotherapy in a child with high-risk T-Cell Acute Lymphoblastic Leukemia (T-ALL). <i>J Pediatr Hematol Oncol.</i> (2020). doi: 10.1097/MPH.0000000000001943.	1.016
42	Daurat M, Nguyen C, Gil SD, Sol V, Chateix V, Charnay C, Raehm L, El Cheikh K, Morere A, <b>Bernasconi M</b> , <b>Timpanaro A</b> , Garcia M, Cunin F, <b>Rössler J</b> , Durand JO, Gary-Bobo M. The mannose 6-phosphate receptor targeted with porphyrin-based periodic mesoporous organosilica nanoparticles for rhabdomyosarcoma theranostics. <i>Biomater Sci.</i> (2020); 8(13), 3678-3684. doi: 10.1039/d0bm00586j.	6.183
43	De Clercq E, Rost M, <b>Gumy Pause F</b> , <b>Diesch T</b> , Espelli V, Elger BS. Moving beyond the friend-foe myth: a scoping review of the use of social media in adolescent and young adult oncology. <i>J Adolesc Young Adult Oncol.</i> (2020); 9(5), 561-571. doi: 10.1089/jayao.2019.0168.	1.465
44	De Clercq E, Rost M, <b>von der Weid NX</b> , <b>Ansari M</b> , Elger BS. To be or not to be in the social media arena? The perspective of healthcare providers working within adolescent and young adult oncology in Switzerland. <i>Int J Adolesc Med Health.</i> (2020). doi: 10.1515/ijamh-2020-0137.	No JIF available
45	<b>Denzler S</b> , <b>Ott M</b> , <b>Scheinemann K</b> . Aftercare of childhood cancer survivors in Switzerland: protocol for a prospective multicenter observational study. <i>JMIR Res Protoc.</i> (2020); 9(8), e18898. doi: 10.2196/18898.	No JIF available
46	Diaz Martinez JP, Robinson PD, Phillips B, Lehrnbecher T, <b>Koenig C</b> , Fisher B, Egan G, Dupuis LL, <b>Ammann RA</b> , Alexander S, Cabral S, Tomlinson G, Sung L. Conventional compared to network meta-analysis to evaluate antibiotic prophylaxis in patients with cancer and hematopoietic stem cell transplantation recipients. <i>BMJ Evid Based Med.</i> (2020). doi: 10.1136/bmjebm-2020-111362.	No JIF available
47	Dietzsch S, Braesigk A, Seidel C, Remmele J, Kitzing R, Schlender T, Mynarek M, Geismar D, Jablonska K, Schwarz R, Pazos M, Walser M, Frick S, Gurtner K, Matuschek C, Harrabi SB, Glück A, Lewitzki V, Dieckmann K, Benesch M, <b>Gerber NU</b> , Rutkowski S, Timmermann B, Kortmann RD. Pretreatment central quality control for craniospinal irradiation in non-metastatic medulloblastoma: First experiences of the German radiotherapy quality control panel in the SIOP PNET5 MB trial. <i>Strahlenther Onkol.</i> (2020). doi: 10.1007/s00066-020-01707-8.	2.899

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48	Dietzsch S, Placzek F, Pietschmann K, <b>von Bueren AO</b> , Matuschek C, Glück A, Guckenberger M, Budach V, Welzel J, Pöttgen C, Schmidberger H, Heinzlmann F, Paulsen F, Escudero MP, Schwarz R, Hornung D, Martini C, Grosu AL, Stueben G, Jablonska K, Dunst J, Stranzl-Lawatsch H, Dieckmann K, Timmermann B, Pietsch T, Warmuth-Metz M, Bison B, Kwiecien R, Benesch M, <b>Gerber NU</b> , <b>Grotzer M</b> , Pfister SM, Clifford SC, von Hoff K, Klagges S, Rutkowski S, Kortmann RD, Mynarek M. Evaluation of prognostic factors and role of participation in a randomized trial or a prospective registry in pediatric and adolescent nonmetastatic medulloblastoma – a report from the HIT 2000 Trial. <i>Adv Radiat Oncol.</i> (2020); 5(6), 1158-1169. doi: 10.1016/j.adro.2020.09.018.	1.95
49	Dilo A, Daali Y, Desmeules J, Chalandon Y, Uppugunduri CRS, <b>Ansari M</b> . Comparing dried blood spots and plasma concentrations for Busulfan therapeutic drug monitoring in children. <i>Ther Drug Monit.</i> (2020); 42(1), 111-117. doi: 10.1097/FTD.0000000000000673.	2.073
50	Donovan LK, Delaidelli A, Joseph SK, Bielamowicz K, Fousek K, Holgado BL, Alex Manno A, Srikanthan D, Gad AZ, Van Ommeren R, Przelicki D, Richman C, Ramaswamy V, Daniels C, Pallota JG, Douglas T, Joynt ACM, Haapasalo J, Nor C, Vladoiu MC, Kuzan-Fischer CM, Garzia L, Mack SC, Varadharajan S, Baker ML, Hendrikse L, Ly M, Kharas K, Balin P, Wu X, Qin L, Huang N, <b>Guerreiro Stücklin A</b> , Morrissy AS, Cavalli FMG, Luu B, Suarez R, De Antonellis P, Michealraj A, Rastan A, Hegde M, Komosa M, Sirbu O, Kumar SA, Abdullaev Z, Faria CC, Yip S, Hukin J, Tabori U, Hawkins C, Aldape K, Daugaard M, Maris JM, Sorensen PH, Ahmed N, Taylor MD. Locoregional delivery of CAR T cells to the cerebrospinal fluid for treatment of metastatic medulloblastoma and ependymoma. <i>Nat med.</i> (2020); 26(5), 720-731. doi: 10.1038/s41591-020-0827-2.	36.130
51	Drexler B, Zurbriggen F, <b>Diesch T</b> , Viollier R, Halter JP, Heim D, Holbro A, Infanti L, Buser A, Gerull S, Medinger M, Tichelli A, Paulsen M, Benes V, Stanulla M, Schrappe M, Cario G, Escherich G, Bakharevich K, Kirschner-Schwabe R, Eckert C, Loukanov T, Gorenflo M, Waszak SM, <b>Bourquin JP</b> , Muckenthaler MU, Korbel JO, Kulozik AE. Chromatin accessibility landscape of pediatric T-lymphoblastic leukemia and human T-cell precursors. <i>EMBO Mol Med.</i> (2020); 12(9), doi: 10.15252/emmm.202012104.	2.904
52	Ebel F, Thieringer FM, Kunz C, Klein-Franke A, <b>Scheinemann K</b> , Guzman R, Soleman J. Melanotic neuroectodermal tumor of infancy to the skull: case-based review. <i>Childs Nerv Syst.</i> (2020); 36(4), 679-688. doi: 10.1007/s00381-020-04509-6.	1.298
53	Erarslan-Uysal B, Kunz JB, Rausch T, Richter-Pecha ska P, van Belzen IA, Frisimantas V, <b>Bornhauser B</b> , Ordoñez-Rueada D, Paulsen M, Benes V, Stanulla M, Schrappe M, Cario G, Escherich G, Bakharevich K, Kirschner-Schwabe R, Eckert C, Loukanov T, Gorenflo M, Waszak SM, <b>Bourquin JP</b> , Muckenthaler MU, Korbel JO, Kulozik AE. Chromatin accessibility landscape of pediatric T-lymphoblastic leukemia and human T-cell precursors. <i>EMBO Mol Med.</i> (2020); 12(9), doi: 10.15252/emmm.202012104.	8.821
54	Feijen EAM, van Dalen EC, van der Pal HJH, Reulen RC, Winter DL, Keuhni CE, Morsellino V, Alessi D, Allodji RS, Byrne J, Bardi E, Jakab Z, Grabow D, Garwicz S, Haddy N, Jankovic M, Kaatsch P, Levitt GA, Ronckers CM, <b>Schindera C</b> , Skinner R, Zalatel L, Hjorth L, Tissing WJE, De Vathaire F, Hawkins MM, Kremer LC, PanCareSurFup consortium. Increased risk of cardiac ischaemia in a pan-European cohort of 36 205 childhood cancer survivors: a PanCareSurFup study. <i>Heart.</i> (2020); 107(1), 33-40. doi: 10.1136/heartjnl-2020-316655.	5.213
55	Flach J, Shumilov E, Joncourt R, Porret N, <b>Tchinda J</b> , Legros M, Scarpelli I, Hewer E, Novak U, Schoumans J, Bacher U, Pabst T. Detection of rare reciprocal RUNX1 rearrangements by next-generation sequencing in acute myeloid leukemia. <i>Genes Chromosomes Cancer.</i> (2020); 59(4), 268-274. doi: 10.1002/gcc.22829.	3.444
56	Fonseca A, Afzal S, Bowes L, Crooks B, Larouche V, Jabado N, Perreault S, Johnston DL, Zelcer S, Fleming A, <b>Scheinemann K</b> , Silva M, Vanan MI, Mpofo C, Wilson B, Eisenstat DD, Lafay-Cousin L, Hukin J, Hawkins C, Bartels U, Bouffet E. Pontine gliomas a 10-year population-based study: a report from the Canadian Paediatric Brain Tumour Consortium (CPBTC). <i>J Neurooncol.</i> (2020); 149(1), 45-54. doi: 10.1007/s11060-020-03568-8.	3.267
57	Frühwald MC, Hasselblatt M, Nemes K, Bens S, Steinbügl M, Johann PD, Kerl K, Hauser P, Quiroga E, Solano-Paez P, Biassoni V, Gil-da-Costa MJ, Perek-Polnik M, van de Wetering M, Sumerauer D, Pears J, Stabell N, Holm S, <b>Hengartner H</b> , <b>Gerber NU</b> , <b>Grotzer M</b> , Boos J, Ebinger M, Tippelt S, Paulus W, Furtwängler R, Hernáiz-Driever P, Reinhard H, Rutkowski S, Schlegel PG, Schmid I, Kortmann RD, Timmermann B, Warmuth-Metz M, Kordes U, Gerss J, Nysom K, Schneppenheim R, Siebert R, Kool M, Graf N. Age and DNA methylation subgroup as potential independent risk factors for treatment stratification in children with atypical teratoid/rhabdoid tumors. <i>Neuro Oncol.</i> (2020); 22(7), 1006-1017. doi: 10.1093/neuonc/noz244.	10.247
58	Fukuoka K, Mamatjan Y, Tatevossian R, Zapotocky M, Ryall S, <b>Guerreiro Stücklin A</b> , Bennett J, Nobre LF, Arnoldo A, Luu B, Wen J, Zhu K, Leon A, Torti D, Pugh TJ, Hazrati LN, Laperriere N, Drake J, Rutka JT, Dirks P, Kulkarni AV, Taylor MD, Bartels U, Huang A, Zadeh G, Aldape K, Ramaswamy V, Bouffet E, Snuderl M, Ellison D, Hawkins C, Tabori U. Clinical impact of combined epigenetic and molecular analysis of pediatric low-grade gliomas. <i>Neuro Oncol.</i> (2020); 22(10), 1474-1483. doi: 10.1093/neuonc/noaa077.	10.247
59	Garvayo M, Cossu G, Broome M, Maeder P, <b>Renella R</b> , Maduri R, Daniel RT, Messerer M. Pediatric cranial osteoblastoma: Technical note of surgical treatment and review of the literature. <i>Neurochirurgie.</i> (2020). doi: 10.1016/j.neuchi.2020.05.010.	1.214

- 60 Global Retinoblastoma Study Group, Fabian ID, Abdallah E, Abdullahi SU, Abdulqader RA, Adamou Boubacar S, Ademola-Popoola DS, Adio A, Afshar AR, Aggarwal P, Aghaji AE, Ahmad A, Akib MNR, Al Harby L, Al Ani MH, Alakbarova A, Portabella SA, Al-Badri SAF, Alcasabas APA, Al-Dahmash SA, Alejos A, Alemany-Rubio E, Alfa Bio AI, Alfonso Carreras Y, Al-Haddad C, Al-Hussaini HHY, Ali AM, Alia DB, Al-Jadiry MF, Al-Jumaily U, Alkatan HM, All-Eriksson C, Al-Mafrachi AARM, Almeida AA, Alsawidi KM, Al-Shaheen AASM, Al-Shammary EH, Amiruddin PO, Antonino R, Astbury NJ, Atalay HT, Atchaneeyasakul LO, Atsiaya R, Attaseth T, Aung TH, Ayala S, Baizakova B, Balaguer J, Balayeva R, Balwierz W, Barranco H, Bascaran C, **Beck Popovic M**, Benavides R, Benmiloud S, Bennani Guebessi N, Berete RC, Berry JL, Bhaduri A, Bhat S, Biddulph SJ, Biewald EM, Bobrova N, Boehme M, Boldt HC, Bonanomi MTBC, Bornfeld N, Bouda GC, Bouguila H, Boumedane A, Brennan RC, Brichard BG, Buaboonnang J, Calderón-Sotelo P, Calle Jara DA, Camuglia JE, Cano MR, Capra M, Cassoux N, Castela G, Castillo L, Català-Mora J, Chantada GL, Chaudhry S, Chaugule SS, Chauhan A, Chawla B, Chernodrinska VS, Chiwanga FS, Chuluunbat T, Cieslik K, Cockcroft RL, Comsa C, Correa ZM, Correa Llano MG, Corson TW, Cowan-Lyn KE, Csóka M, Cui X, Da Gama IV, Dangboon W, Das A, Das S, Davanzo JM, Davidson A, De Potter P, Delgado KQ, Demirci H, Desjardins L, Diaz Coronado RY, Dimaras H, Dodgshun AJ, Donaldson C, Donato Macedo CR, Dragomir MD, Du Y, Du Bruyn M, Edison KS, Eka Sutyanawan IW, El Kettani A, Elbahi AM, Elder JE, Elgalaly D, Elhaddad AM, Elhassan MMA, Elzembely MM, Essuman VA, Evina TGA, Fadoo Z, Fandiño AC, Faranoush M, Fasina O, Fernández DDPG, Fernández-Teijeiro A, Foster A, Frenkel S, Fu LD, Fuentes-Alabi SL, Gallie BL, Gandiwa M, Garcia JL, García Aldana D, Gassant PY, Geel JA, Ghassemi F, Girón AV, Gizachew Z, Goenz MA, Gold AS, Goldberg-Lavid M, Gole GA, Gomel N, Gonzalez E, Gonzalez Perez G, González-Rodríguez L, Garcia Pacheco HN, Graells J, Green L, Gregersen PA, Grigorovski NDAK, Guedenon KM, Gunasekera DS, Gündüz AK, Gupta H, Gupta S, Hadjistilianou T, Hamel P, Hamid SA, Hamzah N, Hansen ED, Harbour JW, Hartnett ME, Hasanreisoglu M, Hassan S, Hassan S, Hederova S, Hernandez J, Hernandez LMC, Hessissen L, Hordofa DF, Huang LC, Hubbard GB, Hummlen M, Husakova K, Hussein Al-Janabi AN, Ida R, Ilic VR, Jairaj V, Jeeva I, Jenkinson H, Ji X, Jo DH, Johnson KP, Johnson WJ, Jones MM, Kabesha TBA, Kabore RL, Kaliki S, Kalinaki A, Kantar M, Kao LY, Kardava T, Kebudi R, Kepak T, Keren-Froim N, Khan ZJ, Khaqan HA, Khauv P, Kheir WJ, Khetan V, Khodabande A, Khotenashvili Z, Kim JW, Kim JH, Kiratli H, Kivelä TT, Klett A, Komba Palet JEK, Krivaitiene D, Kruger M, Kulvichit K, Kuntorini MW, Kyara A, Lachmann ES, Lam CPS, Lam GC, Larson SA, Latinovic S, Laurenti KD, Le BHA, Lecuona K, Leverant AA, Li C, Limbu B, Long QB, López JP, Lukamba RM, Lumbroso L, Luna-Fineman S, Lutfi D, Lysytsia L, Magrath GN, Mahajan A, Majeed AR, Maka E, Makan M, Makimbetov EK, Manda C, Martín Begue N, Mason L, Mason JO 3rd, Matende IO, Materin M, Mattosinho CCDS, Matua M, Mayet I, Mbumba FB, McKenzie JD, Medina-Sanson A, Mehrvar A, Mengesha AA, Menon V, Mercado GJVD, Mets MB, Midenia E, Mishra DKC, Mndeme FG, Mohamedani AA, Mohammad MT, Moll AC, Montero MM, Morales RA, Moreira C, Mruthyunjaya P, Msina MS, Msukwa G, Mudaliar SS, Muma KI, Munier FL, Murgoi G, Murray TG, Musa KO, Mushtaq A, Mustak H, Muyen OM, Naidu G, Nair AG, Naumenko L, Ndoeye Roth PA, Nancy YM, Neroev V, Ngo H, Nieves RM, Nikitovic M, Nkanga ED, Nkumbe H, Nuruddin M, Nyaywa M, Obono-Obiang G, Oguego NC, Olechowski A, Oliver SCN, Osei-Bonsu P, Ossandon D, Paez-Escamilla MA, Pagarra H, Painter SL, Paintsil V, Paiva L, Pal BP, Palanivelu MS, Papyun R, Parrozzani R, Parulekar M, Pascual Morales CR, Paton KE, Pawinska-Wasikowska K, Pe'er J, Peña A, Peric S, Pham CTM, Philbert R, Plager DA, Pochop P, Polania RA, Polyakov VG, Pompe MT, Pons JJ, Prat D, Prom V, Purwanto I, Qadir AO, Qayyum S, Qian J, Rahman A, Rahman S, Rahmat J, Rajkarnikar P, Ramanjulu R, Ramasubramanian A, Ramirez-Ortiz MA, Raobela L, Rashid R, Reddy MA, Reich E, Renner LA, Reynders D, Ribadu D, Riheia MM, Ritter-Sovinz P, Rojanaporn D, Romero L, Roy SR, Saab RH, Saakyan S, Sabhan AH, Sagoo MS, Said AMA, Saiju R, Salas B, San Román Pacheco S, Sánchez GL, Sayalith P, Scanlan TA, Scheffler AC, Schoeman J, Sedaghat A, Seregard S, Seth R, Shah AS, Shakoor SA, Sharma MK, Sherief ST, Shetye NG, Shields CL, Siddiqui SN, Sidi Cheikh S, Silva S, Singh AD, Singh N, Singh U, Singha P, Sitorus RS, Skalet AH, Soebagjo HD, Sorochnytska T, Ssali G, Stacey AW, Staffieri SE, Stahl ED, Stathopoulos C, Stirn Kranjc B, Stones DK, Strahlendorf C, Suarez MEC, Sultana S, Sun X, Sundry M, Superstein R, Supriyadi E, Surukrattanaskul S, Suzuki S, Svojgr K, Sylla F, Tamamyam G, Tan D, Tandili A, Tarrillo Leiva FF, Tashvighi M, Tateshi B, Tehuteru ES, Teixeira LF, Teh KH, Theophile T, Toledano H, Trang DL, Traoré F, Trichaiyaporn S, Tuncer S, Tyau-Tyau H, Umar AB, Unal E, Uner OE, Urbak SF, Ushakova TL, Usmanov RH, Valeina S, van Hoefen Wijsard M, Varadisai A, Vasquez L, Vaughan LO, Veleva-Krasteva NV, Verma N, Victor AA, Viksnins M, Villacis Chafila EG, Vishnevskia-Dai V, Vora T, Wachtel AE, Wackernagel W, Waddell K, Wade PD, Wali AH, Wang YZ, **Weiss A**, Wilson MW, Wime ADC, Wiwatwongwana A, Wiwatwongwana D, Wolley Dod C, Wongwai P, Xiang D, Xiao Y, Yam JC, Yang H, Yanga JM, Yaqub MA, Yarovaya VA, Yarovoy AA, Ye H, Yousef YA, Yuliawati P, Zapata López AM, Zein E, Zhang C, Zhang Y, Zhao J, Zheng X, Zhilyaeva K, Zia N, Ziko OAO, Zondervan M, Bowman R. Global Retinoblastoma presentation and analysis by national income level. *JAMA Oncol.* (2020); 6(5), 685-695. doi: 10.1001/jamaoncol.2019.6716.
- 61 Gryder BE, **Wachtel M**, Chang K, El Demerdash O, Aborenden NG, Mohammed W, Ewert W, Pomella S, Rota R, Wei JS, Song Y, Stanton BZ, **Schäfer B**, Vakoc CR, Khan J. Miswired enhancer logic drives a cancer of the muscle lineage. *iScience.* (2020); 23(5), 101103. doi: 10.1016/j.isci.2020.101103.
- 62 **Guerreiro Stücklin A, Mueller S**. Opportunities for the treatment of NF1-associated low-grade gliomas: how to decide on the best treatment options for patients? *Neuro Oncol.* (2020); 22(10), 1415-1416. doi: 10.1093/neuonc/noaa201.
- 63 Haeberle B, Rangaswami A, Krailo M, Czauderna P, Hiyama E, Maibach R, Lopez-Terrada D, Aronso DC, Alaggio R, **Ansari M**, Malogolowkin MH, Perilongo G, O'Neill AF, Trobaugh-Lotrario AD, Watanabe K, Schmid I, von Schweinitz D, Ranganathan S, Yoshimura K, Hishiki T, Tanaka Y, Piao J, Feng Y, Rinaldi E, Saraceno D, Derosa M, Meyers RL. The importance of age as prognostic factor for the outcome of patients with hepatoblastoma: analysis from the Children's Hepatic tumors International Collaboration (CHIC) database. *Pediatr Blood Cancer.* (2020); 67(8). doi: 10.1002/pbc.28350.
- 64 Hendriks MJ, Harju E, **Michel G**. The unmet needs of childhood cancer survivors in long-term follow-up care: a qualitative study. *Psychooncology.* (2020); doi: 10.1002/pon.5593.

Authors/title/journal	Publications in peer reviewed journals and cited in PubMed	JIF
65 Hettmer S, Dachy G, Seitz G, Agaimy A, Duncan C, Jongmans M, Hirsch S, Kventsel I, Kordes U, de Krijger RR, Metzler M, Michaeli O, Nemes K, Poluha A, Ripperger T, Russo A, Smetsers S, Sparber-Sauer M, <b>Stutz-Grunder E</b> , Bourdeaut F, Kratz CP, Demoulin JB. Genetic testing and surveillance in infantile myofibromatosis: a report from the SIOPE Host Genome Working Group. <i>Fam Cancer</i> . (2020). doi: 10.1007/s10689-020-00204-2.		1.760
66 Holmes K, Pötschger U, Pearson ADJ, Sarnacki S, Cecchetto G, Gomez-Chacon J, Squire R, Freud E, Bysiek A, Matthyssens LE, Metzelder M, Monclair T, Stenman J, Rygl M, Rasmussen L, Joseph JM, Irtan S, Avanzini S, Godzinski J, Björnland K, Elliott M, Luksch R, Castel V, Ash S, Balwierz W, Laureys G, Ruud E, Papadakis V, Malis J, Owens C, Schroeder H, <b>Beck Popovic M</b> , Trahair T, Forjaz de Lacerda A, Ambros PF, Gaze MN, McHugh K, Valteau-Couanet D, Ladenstein RL; International Society of Paediatric Oncology Europe Neuroblastoma Group (SIOPEN). Influence of surgical excision on the survival of patients with stage 4 high-risk neuroblastoma: a report from the HR-NBL1/SIOPEN Study. <i>J Clin Oncol</i> . (2020); 38(25), 2902-2915. doi: 10.1200/JCO.19.03117.		32.956
67 Hrusak O, Kalina T, Wolf J, Balduzzi A, Provenzi M, Rizzari C, Rives S, Del Pozo Carlavilla M, Alonso MEV, Dominguez-Pinilla N, <b>Bourquin JP</b> , Schmiegelow K, Attarbaschi A, Grillner P, Mellgren K, van der Werff Ten Bosch J, Pieters R, Brozou T, Borkhardt A, Escherich G, Lauten M, Stanulla M, Smith O, Yeoh AEJ, Elitzur S, Vora A, Li CK, Ariffin H, Kolenova A, Dallapozza L, Farah R, Lazic J, Manabe A, Styczynski J, Kovacs G, Ottoffy G, Felice MS, Buldini B, Conter V, Stary J, Schrappe M. Flash survey on severe acute respiratory syndrome coronavirus-2 infections in paediatric patients on anticancer treatment. <i>Eur J Cancer</i> . (2020); 132, 11-16. doi: 10.1016/j.ejca.2020.03.021.		7.275
68 Huang Y, <b>Bourquin JP</b> . Targeting the oncogenic activity of TCF3-HLF in leukemia. <i>Mol Cell Oncol</i> . (2020); 7(3), 1709391. doi: 10.1080/23723556.2019.1709391.		1.47
69 Huang Y, Marovca B, Dettwiler S, Bode PK, <b>Bornhauser B</b> , <b>Bourquin JP</b> . Rapid generation of leukemogenic chromosomal translocations in vivo using CRISPR/Cas9. <i>Hemasphere</i> . (2020); 4(5), e456. doi: 10.1097/HS9.0000000000000456.		No JIF available
70 Ijaz H 1, Koptyra M, Gaonkar KS, Rokita JL, Baubet VP, Tauhid L, Zhu Y, Brown M, Lopez G, Zhang B, Diskin SJ, Vaksman Z, Children's Brain Tumor Tissue Consortium; Mason JL, Appert E, Lilly J, Lulla R, De Raedt T, Heath AP, Felmeister A, Raman P, <b>Nazarian J</b> , Santi MR, Storm PB, Resnick A, Waanders AJ, Kristina A Cole KA. Pediatric high-grade glioma resources from the Children's Brain Tumor Tissue Consortium. <i>Neuro Oncol</i> . (2020); 22(1), 163-165. doi: 10.1093/neuonc/noz192.		8.770
71 Jünger ST, Andreiulo F, Mynarek M, Dörner E, Zur Mühlen A, Rutkowski S, <b>von Bueren AO</b> , Pietsch T. Ependymomas in infancy: underlying genetic alterations, histological features, and clinical outcome. <i>Childs Nerv Syst</i> . (2020); 36(11), 2693-2700. doi: 10.1007/s00381-020-04655-x.		1.298
72 Jünger ST, Andreiulo F, Mynarek M, Wohlers I, Rahmann S, Klein-Hitpass L, Dörner E, Zur Mühlen A, Velez-Char N, von Hoff K, Warmuth-Metz M, Kortmann RD, Timmermann B, <b>von Bueren AO</b> , Rutkowski S, Pietsch T. CDKN2A deletion in supratentorial ependymoma with RELA alteration indicates a dismal prognosis: a retrospective analysis of the HIT ependymoma trial cohort. <i>Acta Neuropathol</i> . (2020); 140(3), 405-407. doi: 10.1007/s00401-020-02169-z.		6.270
73 Kambhampati M, Panditharatna E, Yadavilli S, Saoud K, Lee S, Eze A, Almira-Suarez MI, Hancock L, Bonner ER, Gittens J, Stampar M, Gaonkar K, Resnick AC, Kline C, Ho CY, Waanders AJ, Georgescu MM, Rance NE, Kim Y, Johnson C, Rood BR, Kilburn LB, Hwang EI, <b>Mueller S</b> , Packer RJ, Bornhorst M, <b>Nazarian J</b> . Harmonization of postmortem donations for pediatric brain tumors and molecular characterization of diffuse midline gliomas. <i>Sci Rep</i> . (2020); 10(1), 10954. doi: 10.1038/s41598-020-67764-2.		3.998
74 Kelley LM, Schlegel M, Hecker-Nolting S, Kevric M, Haller B, Rössig C, Reichardt P, Kager L, <b>Kühne T</b> , Gosheger G, Windhager R, Specht K, Rechl H, Tunn P-U, Baumhoer D, Wirth T, Werner M, von Kalle T, Nathrath M, Burdach S, Bielack S, von Luettichau I. Pathological fracture and prognosis of high-grade osteosarcoma of the extremities: an analysis of 2,847 consecutive Cooperative Osteosarcoma Study Group (COSS) patients. <i>Journal of Clinical Oncology</i> . (2020); 38(8), 823-833. doi: 10.1200/JCO.19.00827.		32.956
75 Keskin T, Bakaric A, Waszyk P, Boulay G, Torsello M, Cornaz-Buros S, Chevalier N, Geiser T, Martin P, Volorio A, Iyer S, Kulkarni A, Letovanec I, Cherix S, Cote GM, Choy E, Digkila A, Montemurro M, Chebib I, Nielsen PG, Carcaboso AM, Mora J, <b>Renella R</b> , Suvà ML, Fusco C, Provero P, Rivera MN, Riggi N, Stamenkovic I. LIN28B underlies the pathogenesis of a subclass of ewing sarcoma LIN28B control of EWS-FLI1 stability. <i>Cell Rep</i> . (2020); 30(13), 4567-4583. doi: 10.1016/j.celrep.2019.12.053.		8.109
76 <b>Koenig C</b> , <b>Bodmer N</b> , Agyeman PKA, <b>Niggli FK</b> , <b>Adam C</b> , <b>Ansari M</b> , <b>Eisenreich B</b> , Keller N, <b>Leibundgut K</b> , Nadal D, <b>Rössler J</b> , <b>Scheinemann K</b> , Simon A, Teuffel O, <b>von der Weid NX</b> , <b>Zeller M</b> , Zimmermann K, <b>Ammann RA</b> . 39-0°C versus 38-5°C ear temperature as fever limit in children with neutropenia undergoing chemotherapy for cancer: a multicentre, cluster-randomised, multiple-crossover, non-inferiority trial. <i>Lancet Child Adolesc Health</i> . (2020); 4(7), 495-502. doi: 10.1016/S2352-4642(20)30092-4.		8.543
77 <b>Koenig C</b> , <b>Schneider C</b> , Morgan JE, <b>Ammann RA</b> , Sung L, Phillips B. Association of time to antibiotics and clinical outcomes in patients with fever and neutropenia during chemotherapy for cancer: a systematic review. <i>Support Care Cancer</i> . (2020); 28(3), 1369-1383. doi: 10.1007/s00520-019-04961-4.		2.635
78 Konstantinou G, Schuhmacher D, <b>Ammann RA</b> , <b>Diesch T</b> , <b>Kuehni CE</b> , <b>Spycher BD</b> , Swiss Paediatric Oncology Group, Swiss National Cohort Study Group. Bayesian spatial modelling of childhood cancer incidence in Switzerland using exact point data: a nationwide study during 1985-2015. <i>Int J Health Geogr</i> . (2020); 19(1), 15. doi: 10.1186/s12942-020-00211-7.		3.239

Authors/title/journal	Publications in peer reviewed journals and cited in PubMed	JIF
79	Ladenstein R, Pötschger U, Valteau-Couanet D, Luksch R, Castel V, Ash S, Laureys G, Brock P, Michon JM, Owens C, Trahair T, Chi Fung Chan G, Ruud E, Schroeder H, <b>Beck Popovic M</b> , Schreier G, Loibner H, Ambros P, Holmes K, Castellani MR, Gaze MN, Garaventa A, Pearson ADJ, Lode HN. Investigation of the role of dinutuximab beta-based immunotherapy in the SIOPEN High-Risk Neuroblastoma 1 Trial (HR-NBL1). <i>Cancers (Basel)</i> . (2020); 12(2), 309. doi: 10.3390/cancers12020309.	6.126
80	Langer T, Clemens E, Broer L, Maier L, Uitterlinden AG, de Vries ACH, van Grotel M, Pluijm SFM, Binder H, Mayer B, von dem Knesebeck A, Byrne J, van Dulmen-den Broeder E, Crocco M, Grabow D, Kaatsch P, Kaiser M, Spix C, Kenborg L, Winther JF, Rechnitzer C, Hasle H, Kepak T, van der Kooi AF, Kremer LC, Kruseova J, Bielack S, Sorg B, Hecker-Nolting S, <b>Kuehni CE, Ansari M</b> , Kompis M, van der Pal H, Parfitt R, Deuster D, Matulat P, Tillmanns A, Tissing WJE, Beck JD, Elsner S, Am Zehnhoff-Dinnesen A, van den Heuvel-Eibrink MM, Zolk O. Usefulness of current candidate genetic markers to identify childhood cancer patients at risk for platinum-induced ototoxicity: Results of the European PanCareLIFE cohort study. <i>Eur J Cancer</i> . (2020); 138, 212-224. doi: 10.1016/j.ejca.2020.07.019.	7.275
81	Langer T, Clemens E, Broer L, Maier L, Uitterlinden AG, de Vries ACH, van Grotel M, Pluijm SFM, Binder H, Mayer B, von dem Knesebeck A, Byrne J, van Dulmen-den Broeder E, Crocco M, Grabow D, Kaatsch P, Kaiser M, Spix C, Kenborg L, Winther JF, Rechnitzer C, Hasle H, Kepak T, van der Kooi AF, Kremer LC, Kruseova J, Bielack S, Sorg B, Hecker-Nolting S, <b>Kuehni CE, Ansari M</b> , Kompis M, van der Pal H, Parfitt R, Deuster D, Matulat P, Tillmanns A, Tissing WJE, Beck JD, Elsner S, Am Zehnhoff-Dinnesen A, van den Heuvel-Eibrink MM, Zolk O. Association of candidate pharmacogenetic markers with platinum-induced ototoxicity: PanCareLIFE dataset. <i>Data Brief</i> . (2020); 32. doi: 10.1016/j.dib.2020.106227.	0.97
82	Laurent AP, Siret A, Ignacimouttou C, Panchal K, Diop M, Jenni S, Tsai YC, Roos-Weil D, Aid Z, Prade N, Lagarde S, Plassard D, Pierron G, Daudigeos E, Lecluse Y, Droin N, <b>Bornhauser BC</b> , Cheung LC, Crispino JD, Gaudry M, Bernard OA, Macintyre E, Barin Bonnigal C, Kotecha RS, Georger B, Ballerini P, <b>Bourquin JP</b> , Delabesse E, Mercher T, Malinge S. Constitutive activation of RAS/MAPK pathway cooperates with Trisomy 21 and is therapeutically exploitable in down syndrome B-cell leukemia. <i>Clin Cancer Res</i> . (2020); 26(13), 3307-3318. doi: 10.1158/1078-0432.CCR-19-3519.	10.107
83	Léauté-Labrèze C, Baselga Torres E, Weibel L, Boon LM, El Hachem M, van der Vleuten C, <b>Rössler J</b> , Troilius Rubin A. The infantile hemangioma referral score: a validated tool for physicians. <i>Pediatrics</i> . (2020); 145(4). doi: 10.1542/peds.2019-1628.	5.359
84	Lee S, Kambhampati M, Suarez MIA, Ho CY, Panditharatna E, Berger SI, Turner J, Van Mater D, Kilburn L, Packer RJ, Myseros JS, Vilain E, <b>Nazarian J</b> , Bornhorst M. Somatic mosaicism of IDH1 R132H predisposes to anaplastic astrocytoma: a case of two siblings. <i>Front Oncol</i> . (2020); 9, 1507. doi: 10.3389/fonc.2019.01507.	4.848
85	Lehal R, Zaric J, Vigolo M, Urech C, Frismantas V, Zangger N, Cao L, Berger A, Chicote I, Loubéry S, Choi SH, Koch U, Blacklow SC, Palmer HG, <b>Bornhauser B</b> , González-Gaitán M, Arsenijevic Y, Zoete V, Aster JC, <b>Bourquin JP</b> , Radtke F. Pharmacological disruption of the Notch transcription factor complex. <i>Proc Natl Acad Sci U S A</i> . (2020); 117 (28), 16292-16301. doi: 10.1073/pnas.1922606117.	9.412
86	Lehrnbecher T, Fisher BT, Phillips B, Alexander S, <b>Ammann RA</b> , Beauchemin M, Carlesse F, Castagnola E, Davis BL, Dupuis LL, Egan G, Groll AH, Haeusler GM, Santolaya M, Steinbach WJ, van de Wetering M, Wolf J, Cabral S, Robinson PD, Sung L. Guideline for antibacterial prophylaxis administration in pediatric cancer and hematopoietic stem cell transplantation. <i>Clin Infect Dis</i> . (2020); 71(1), 226-236. doi: 10.1093/cid/ciz1082.	8.313
87	Lipp A, <b>Adam C</b> , Brouland JP, Messerer M, Armengaud JB, Asner S, Poloni C, <b>Beck Popovic M</b> , Roulet-Perez E, Lebon S. Clinical Reasoning: Rapidly progressive gait disorder and cranial nerves involvement in a 9-year-old boy. <i>Neurology</i> . (2020); 94(3). doi: 10.1212/WNL.0000000000008826.	8.770
88	Locatelli F, Zugmaier G, Mergen N, Bader P, Jeha S, Schlegel PG, <b>Bourquin JP</b> , Handgretinger R, Brethon B, Rossig C, Chen-Santel C. Blinatumomab in pediatric patients with relapsed/refractory acute lymphoblastic leukemia: results of the RIALTO trial, an expanded access study. <i>Blood Cancer J</i> . (2020); 10(7), 77. doi: 10.1038/s41408-020-00342-x.	8.023
89	Manzella G, Schreck LD, <b>Breunis WB</b> , Molenaar J, Merks H, Barr FG, Sun W, Römmele M, Zhang L, <b>Tchinda J</b> , Ngo QA, Bode P, Delattre O, Surdez D, Rekihi B, <b>Niggli FK, Schäfer BW, Wachtel M</b> . Phenotypic profiling with a living biobank of primary rhabdomyosarcoma unravels disease heterogeneity and AKT sensitivity. <i>Nat Commun</i> . (2020); 11(1), 4629. doi: 10.1038/s41467-020-18388-7.	12.121
90	Marques JG, Gryder BE, Pavlovic B, Chung Y, Ngo QA, Frommelt F, Gstaiger M, Song Y, Benischke K, Laubscher D, <b>Wachtel M</b> , Khan J, <b>Schäfer BW</b> . NuRD subunit CHD4 regulates super-enhancer accessibility in rhabdomyosarcoma and represents a general tumor dependency. <i>Elife</i> . (2020); 9, e54993. doi: 10.7554/eLife.54993.	7.080
91	<b>Mattiello V, Schmutz M, Hengartner H, von der Weid NX, Renella R</b> , SPOG Pediatric Hematology Working Group. Diagnosis and management of iron deficiency in children with or without anemia: consensus recommendations of the SPOG Pediatric Hematology Working Group. <i>Eur J Pediatr</i> . (2020); 179(4), 527-545. doi: 10.1007/s00431-020-03597-5.	2.305
92	Mauracher AA, Eekels JJM, Woytschak J, van Drogen A, Bosch A, Prader S, Felber M, Heeg M, Opitz L, Trück J, Schroeder S, Adank E, Klocperk A, Haralambieva E, Zimmermann D, Tantou S, Kotsonis K, Stergiou A, Kanariou MG, Ehl S, Boyman O, Sediva A, <b>Renella R, Schmutz M</b> , Vavassori S, Pachlopnik Schmid J. Erythropoiesis defect observed in STAT3 GOF patients with severe anemia. <i>J Allergy Clin Immunol</i> . (2020); 145(4), 1297-1301. doi: 10.1016/j.jaci.2019.11.042.	10.228
93	Mazzei-Abba A, Folly CL, Coste A, Wakeford R, Little MP, Raaschou-Nielsen O, Kendall G, Hémon D, Nikkilä A, Spix C, Auvinen A, <b>Spycher BD</b> . Epidemiological studies of natural sources of radiation and childhood cancer: current challenges and future perspectives. <i>J Radiol Prot</i> . (2020); 40(1), R1-R23. doi: 10.1088/1361-6498/ab5a38.	1.261

Authors /title /journal	Publications in peer reviewed journals and cited in PubMed	JIF
94	Melchior P, Dzierma Y, Rube C, Graf N, Leo Kager L, Dieckmann K, <b>Kroiss S</b> , Hubertus J, Warmann S, Schenk JP, Leuschner I, Nemes K, Meier CM, Vokuhl C, Frühwald M, Furtwängler R. Local stage dependent necessity of radiation therapy in Rhabdoid Tumors of the Kidney (RTK). <i>Int J Radiat Oncol Biol Phys.</i> (2020); 108(3), 667-675. doi: 10.1016/j.ijrobp.2020.04.046.	5.859
95	Mezzatesta C, Abdul L, Guinot A, Eckert C, Schewe D, Zaliova M, Vinti L, Marovca B, Tsai YC, Jenni S, Aguade-Gorgorio J, von Stackelberg A, Schrappe M, Locatelli F, Stanulla M, Cario G, <b>Bourquin JP, Bornhauser BC</b> . Repurposing anthelmintic agents to eradicate resistant leukemia. <i>Blood Cancer J.</i> (2020); 10(6), 72. doi: 10.1038/s41408-020-0339-9.	8.023
96	Michaud PA, <b>Diezi M</b> , Guihard L, Jacot-Guillarmod M, Kleist P, Sprumont D, Wenger P. Including adolescents of childbearing potential in clinical trials with possible exposure to teratogenic medication: a challenge for paediatricians and researchers. <i>Swiss Med Wkly.</i> (2020); 150. doi: 10.4414/smww.2020.20333.	1.822
97	<b>Michel G</b> , Brinkman TM, Wakefield CE, Grootenhuis M. Psychological outcomes, health-related quality of life, and neurocognitive functioning in survivors of childhood cancer and their parents. <i>Pediatr Clin North Am.</i> (2020); 67(6), 1103-1134. doi: 10.1016/j.pcl.2020.07.005.	2.042
98	Morland B, Kepak T, Dallorso S, Sevilla J, Murphy D, Luksch R, Yaniv I, Bader P, <b>Rössler J</b> , Bisogno G, Maecker-Kolhoff B, Lang P, Zwaan CM, Sumerauer D, Kriván G, Bernard J, Liu Q, Doyle E, Locatelli F. Plerixafor combined with standard regimens for hematopoietic stem cell mobilization in pediatric patients with solid tumors eligible for autologous transplants: two-arm phase I/II study (MOZAIC). <i>Bone Marrow Transplant.</i> (2020); 55(9), 1744-1753. doi: 10.1038/s41409-020-0836-2.	4.725
99	Moussaoui D, Bénard J, Yaron M, Bernard F, <b>Adam C</b> , Vulliemoz N, Bouthors T, Andrey V, <b>Ansari M</b> , Girardin C, <b>Gumy Pause F</b> . Hypergonadotropic hypogonadism after ovarian tissue cryopreservation on a 13-year-old female: A case report and review of the literature. <i>J Gynecol Obstet Hum Reprod.</i> (2020); 50(2), 102029. doi: 10.1016/j.jogoh.2020.102029.	1.232
100	Msallem B, <b>Klein-Franke A</b> , Lopez-Ruiz ME, Leiggenger CS, Augello M. Facial swelling in a toddler due to a metastatic high-risk neuroblastoma. <i>J Dent Child (Chic).</i> (2020); 87(3). 166-170.	0.350
101	<b>Mueller S</b> , Taitt JM, Villanueva-Meyer JE, Bonner ER, Nejo T, Lulla RR, Goldman S, Banerjee A, Chi SN, Whipple NS, Crawford JR, Gauvain K, Nazemi KJ, Watchmaker PB, Almeida ND, Okada K, Salazar AM, Gilbert RD, <b>Nazarian J</b> , Molinaro AM, Butterfield LH, Prados MD, Okada H. Mass cytometry detects H3.3K27M-specific vaccine responses in diffuse midline glioma. <i>J Clin Invest.</i> (2020); 130(12), 6325-6337. doi: 10.1172/JCI140378.	11.864
102	Mynarek M, von Hoff K, Pietsch T, Ottensmeier H, Warmuth-Metz M, Bison B, Pfister S, Korshunov A, Sharma T, Jaeger N, Ryzhova M, Zheludkova O, Golanov A, Rushing EJ, Hasselblatt M, Koch A, Schüller U, von Deimling A, Sahn F, Sill M, Riemenschneider MJ, Dohmen H, Monoranu CM, Sommer C, Staszewski O, Mawrin C, Schittenhelm J, Brück W, Filipiński K, Hartmann C, Meinhardt M, Pietschmann K, Haberler C, Slavc I, <b>Gerber NU, Grotzer M</b> , Benesch M, Schlegel PG, Deinlein F, <b>von Bueren AO</b> , Friedrich C, Juhnke BO, Obrecht D, Fleischhack G, Kwicien R, Faldum A, Kortmann RD, Kool M, Rutkowski S. Nonmetastatic medulloblastoma of early childhood: results from the prospective clinical trial HIT-2000 and an extended validation cohort. <i>J Clin Oncol.</i> (2020); 38(18), 2028-2040. doi: 10.1200/JCO.19.03057.	32.956
103	<b>Nava T, Ansari M</b> , Dalle JH, Diaz de Heredia C, <b>Güngör T</b> , Arjona E, Falkenberg U, Bertaina A, Gibson B, Jarisch A, Balduzzi A, Bonig H, Kriván G, Vettenranta K, Matic T, Buechner J, Kalwak K, Lawitschka A, Yesilipek A, Iucchini G, Peters C, Turkiewicz D, Niinimäki R, <b>Diesch T</b> , Lehrnbecher T, Sedlacek P, Hutt D, Dalissier A, Wachowiak J, Yaniv I, Stein J, Yalçın K, Sisinni L, Deiana M, Ifversen M, Kuhlen M, Meisel R, Bakhtiar S, Cesaro S, Willasch A, Corbacioglu S, Bader P. Supportive care during pediatric hematopoietic stem cell transplantation: beyond infectious diseases. A report from workshops on supportive care of the Pediatric Diseases Working Party (PDWP) of the European Society for Blood and Marrow Transplantation (EBMT). <i>Bone Marrow Transplant.</i> (2020); 55(6), 1126-1136. doi: 10.1038/s41409-020-0818-4.	4.725
104	Norsker FN, Pedersen C, Armstrong GT, Robison LL, McBride ML, Hawkins M, <b>Kuehni CE</b> , de Vathaire F, Berbis J, Kremer LC, Haupt R, Kenborg L, Winther JF. Late effects in childhood cancer survivors: early studies, survivor cohorts, and significant contributions to the field of late effects. <i>Pediatr Clin North Am.</i> (2020); 67(6), 1033-1049. doi: 10.1016/j.pcl.2020.07.002.	2.042
105	Olijnik AA, Roy NBA, Scott C, Marsh JA, Brown J, Lauschke K, Ask K, Roberts N, Downes DJ, Broluh S, Johnson E, Xella B, Proven M, Hipkiss R, Ryan K, Frisk P, Mäkk J, Stattin EM, Sadasivam N, McIlwaine L, Hill QA, <b>Renella R</b> , Hughes JR, Gibbons RJ, Groth A, McHugh PJ, Higgs DR, Buckle VJ, Babbs C. Genetic and functional insights into CDA-I prevalence and pathogenesis. <i>J Med Genet.</i> (2020). doi: 10.1136/jmedgenet-2020-106880.	4.943
106	Ommer J, Selve JL, <b>Wachtel M</b> , O'Brien EM, Laubscher D, Roemmele M, Kasper S, Delattre O, Surdez D, Petts G, Kelsey A, Shipley J, <b>Schäfer BW</b> . Aurora A Kinase Inhibition destabilizes PAX3-FOXO1 and MYCN and synergizes with Navitoclax to induce rhabdomyosarcoma cell death. <i>Cancer Res.</i> (2020); 80(4), 832-842. doi: 10.1158/0008-5472.CAN-19-1479.	9.727
107	Ottensmeier H, Schlegel PG, Eyrich M, Wolff JE, Juhnke BO, von Hoff K, Fraheek S, Schmidt R, Faldum A, Fleischhack G, <b>von Bueren AO</b> , Friedrich C, Resch A, Warmuth-Metz M, Krauss J, Kortmann RD, Bode U, Kühl J, Rutkowski S. Treatment of children under 4 years of age with medulloblastoma and ependymoma in the HIT2000/HIT-REZ 2005 trials: Neuropsychological outcome 5 years after treatment. <i>PLoS One.</i> (2020); 15(1), e0227693. doi: 10.1371/journal.pone.0227693.	2.740
108	<b>Oth M, Denzler S, Koenig C</b> , Koehler H, <b>Scheinemann K</b> . Transition from pediatric to adult follow-up care in childhood cancer survivors – a systematic review. <i>J Cancer Surviv.</i> (2020). doi: 10.1007/s11764-020-00920-9.	3.296
109	<b>Oth M, Denzler S</b> , Schmid S, Setz B, <b>Scheinemann K</b> . Perception of inpatient oncologic rehabilitation in children, adolescents and young adults diagnosed with cancer in Switzerland. <i>Klin Padiatr.</i> (2020); 232(6), 294-299. doi: 10.1055/a-1210-2599.	0.822

Authors/title/journal	Publications in peer reviewed journals and cited in PubMed	JIF
110	<b>Othth M</b> , Greiner-Lang J, <b>Scheinemann K</b> . Médecine intégrative en oncologie pédiatrique (Integrative medicine in pediatric oncology). <i>Rev Med Suisse</i> . (2020); 16(716), 2293-2296. PMID: 33237649.	0.121
111	<b>Othth M</b> , <b>Schindera C</b> , <b>Güngör T</b> , <b>Ansari M</b> , <b>Scheinemann K</b> , Belle FN, Latzin P, <b>von der Weid NX</b> , <b>Kuehni CE</b> , Swiss Pediatric Oncology Group (SPOG). Transplant characteristics and self-reported pulmonary outcomes in Swiss childhood cancer survivors after hematopoietic stem cell transplantation-a cohort study. <i>Bone Marrow Transplant</i> . (2020). doi: 10.1038/s41409-020-01137-1.	4.725
112	Pérez Marín M, Decosterd LA, Andre P, Buclin T, Mercier T, Murray K, <b>Rizzi M</b> , Meylan P, Jatón-Ogay K, Opota O, Gengler C, Perez MH, Natterer J, Asner SA. Compassionate use of letermovir in a 2-year-old immunocompromised child with resistant cytomegalovirus disease. <i>J Pediatric Infect Dis Soc</i> . (2020); 9(1), 96-99. doi: 10.1093/jpids/piz033.	2.212
113	Petralia F, Tignor N, Reva B, Koptyra M, Chowdhury S, Rykunov D, Krek A, Ma W, Zhu Y, Ji J, Calinawan A, Whiteaker JR, Colaprico A, Stathias V, Omelchenko T, Song X, Raman P, Guo Y, Brown MA, Ivey RG, Szpyt J, Guha Thakurta S, Gritsenko MA, Weitz KK, Lopez G, Kalayci S, Gü mü ZH, Yoo S, da Veiga Leprevost F, Chang HY, Krug K, Katsnelson L, Wang Y, Kennedy JJ, Voytovich UJ, Zhao L, Gaonkar KS, Ennis BM, Zhang B, Baubert V, Tauhid L, Lilly JV, Mason JL, Farrow B, Young N, Leary S, Moon J, Petyuk VA, <b>Nazarian J</b> , Adappa ND, Palmer JN, Lober RM, Rivero-Hinojosa S, Wang LB, Wang JM, Broberg M, Chu RK, Moore RJ, Monroe ME, Zhao R, Smith RD, Zhu J, Robles AI, Mesri M, Boja E, Hiltke T, Rodriguez H, Zhang B, Schadt EE, Mani DR, Ding L, Iavarone A, Wiznerowicz M, Schürer S, Chen XS, Heath AP, Rokita JL, Nesvizhskii AI, Fenyo D, Rodland KD, Liu T, Gygi SP, Paulovich AG, Resnick AC, Storm PB, Rood BR, Wang P; Children's Brain Tumor Network; Clinical Proteomic Tumor Analysis Consortium. Integrated proteogenomic characterization across major histological types of pediatric brain cancer. <i>Cell</i> . (2020); 183(7), 1962-1985.e31. doi: 10.1016/j.cell.2020.10.044.	38.637
114	Reulen RC, Wong KF, Bright CJ, Winter DL, Alessi D, Allodji RM, Bagnasco F, Bardi E, Bautz A, Byrne J, Feijen EA, Fidler-Benaoudia MM, Diallo I, Garwicz S, Grabow D, Gudmundsdottir T, Guha J, Haddy N, Hogsholt S, Jankovic M, Kaatsch P, Kaiser M, Kuonen R, Linge H, Ofstaas H, Ronckers CM, Hau EM, Skinner R, van Leeuwen FE, Teepen JC, Veres C, Zrafi W, Debiche G, Llanas D, Terenziani M, Vu-Bezin G, Wesenberg F, Wiebe T, Sacerdote C, Jakab Z, Haupt R, Lahteenmaki PM, Zdravec Zaletel L, <b>Kuehni CE</b> , Winther JF, de Vathaire F, Kremer LC, Hjorth L, Hawkins MM. Risk of digestive cancers in a cohort of 69 460 five-year survivors of childhood cancer in Europe: the PanCareSurFup study. <i>Gut</i> . (2020). doi: 10.1136/gutjnl-2020-322237.	19.819
115	Richter GHS, Hensel T, Schmidt O, Saratov V, von Heyking K, Becker-Dettling F, Prexler C, Yen HY, Steiger K, Fulda S, Dirksen U, Weichert W, Wang S, Burdach S, <b>Schäfer BW</b> . Combined inhibition of epigenetic readers and transcription initiation targets the EWS-ETS transcriptional program in Ewing Sarcoma. <i>Cancers (Basel)</i> . (2020); 12(2), 304. doi: 10.3390/cancers12020304.	6.126
116	La Starza R, Cambò B, Pierini A, Bornhauser B, Anna Montanaro A, <b>Bourquin JP</b> , Mecucci C, Roti G. Venetoclax and bortezomib in relapsed/refractory early T-cell precursor acute lymphoblastic leukemia. <i>JCO Precis Oncol</i> . (2020), 3, doi: 10.1200/PO.19.00172.	No JIF available
117	Robin SKD, <b>Ansari M</b> , Uppugunduri CRS. Spectrophotometric screening for potential inhibitors of cytosolic glutathione-S-transferases. <i>J Vis Exp</i> . (2020); 10(164). doi: 10.3791/61347.	1.163
118	Rubio-San-Simón A, André N, Cefalo MG, Aerts I, Castañeda A, Benezech S, Makin G, van Eijkelenburg N, Nysom K, Marshall L, Gambart M, Hladun R, Rossig C, Bergamaschi L, Fagioli F, Carpenter B, Ducassou S, Owens C, Øra I, Ribelles AJ, De Wilde B, Guerra-García P, Strullu M, Rizzari C, Ek T, Hettmer S, <b>Gerber NU</b> , Rawlings C, <b>Diezi M</b> , Palmu S, Ruggiero A, Verdú J, de Rojas T, Vassal G, Georger B, Moreno L, Bautista F. Impact of COVID-19 in paediatric early-phase cancer clinical trials in Europe: a report from the Innovative Therapies for Children with Cancer (ITCC) consortium. <i>Eur J Cancer</i> . (2020); 141, 82-91. doi: 10.1016/j.ejca.2020.09.024.	7.275
119	Ryall S, Zapotocky M, Fukuoka K, Nobre L, <b>Guerreiro Stü cklein A</b> , Bennett J, Siddaway R, Li C, Pajovic S, Arnoldo A, Kowalski PE, Johnson M, Sheth J, Lassaletta A, Tatevossian RG, Orisme W, Qaddoumi I, Surrey LF, Li MM, Waanders AJ, Gilheeny S, Rosenblum M, Bale T, Tsang DS, Laperriere N, Kulkarni A, Ibrahim GM, Drake J, Dirks P, Taylor MD, Rutka JT, Laughlin S, Shroff M, Shago M, Hazrati LN, D'Arcy C, Ramaswamy V, Bartels U, Huang A, Bouffet E, Karajannis MA, Santi M, Ellison DW, Tabori U, Hawkins C. Integrated molecular and clinical analysis of 1,000 pediatric Low-Grade Gliomas. <i>Cancer Cell</i> . (2020); 37(4), 569-583. doi: 10.1016/j.ccell.2020.03.011.	26.602
120	Sanders AD, Meiers S, Ghareghani M, Porubsky D, Jeong H, van Vliet MACC, Rausch T, Richter-Pecha ska P, Kunz JB, Jenni S, Bolognini D, Longo GMC, Raeder B, Kinanen V, Zimmermann J, Benes V, Schrappe M, Mardin BR, Kulozik AE, <b>Bornhauser B</b> , <b>Bourquin JP</b> , Marschall T, Korb J. Single-cell analysis of structural variations and complex rearrangements with tri-channel processing. <i>Nat Biotechnol</i> . (2020); 38(3), 343-354. doi: 10.1038/s41587-019-0366-x.	36.558
121	Saratsis AM, Kambhampati M, Snyder K, Yadavilli S, Devaney JM, Harmon B, Hall J, Raabe EH, An P, Weingart M, Rood BR, Magge SN, MacDonald TJ, Packer RJ, <b>Nazarian J</b> . Correction to: Comparative multidimensional molecular analyses of pediatric diffuse intrinsic pontine glioma reveals distinct molecular subtypes. <i>Acta Neuropathol</i> . (2020); 140(2), 247. doi: 10.1007/s00401-020-02162-6.	14.251
122	Scheler M, Lehrnbecher T, Groll AH, Volland R, Laws H-J, <b>Ammann RA</b> , Agyeman PKA, Attarbaschi A, Lux M, Simon A. Management of children with fever and neutropenia: results of a survey in 51 pediatric cancer centers in Germany, Austria, and Switzerland. <i>Infection</i> . (2020); 48(4), 607-618. doi: 10.1007/s15010-020-01462-z.	3.040
123	<b>Schindera C</b> , <b>Kuehni CE</b> , Pavlovic M, Haegler-Laube ES, Rhyner D, <b>Waespe N</b> , <b>Rössler J</b> , Suter T, <b>von der Weid NX</b> . Diagnosing preclinical cardiac dysfunction in Swiss childhood cancer survivors: protocol for a single-center cohort study. <i>JMIR Res Protoc</i> . (2020); 9(6), e17724. doi: 10.2196/17724.	No JIF available

Authors/title/journal	Publications in peer reviewed journals and cited in PubMed	JIF
124	<b>Schindera C</b> , Usemann J, Zuercher SJ, Jung R, Kasteler R, Frauchiger B, Naumann G, Rueegg CS, Latzin P, <b>Kuehni CE, von der Weid NX</b> . Pulmonary dysfunction after treatment for childhood cancer: Comparing multiple-breath washout with spirometry. <i>Ann Am Thorac Soc.</i> (2020). doi: 10.1513/AnnalsATS.202003-2110C.	4.836
125	<b>Schindera C, Weiss A</b> , Hagenbuch N, <b>Otth M, Diesch T, von der Weid NX, Kuehni CE</b> , Swiss Pediatric Oncology Group (SPOG). Physical activity and screen time in children who survived cancer: A report from the Swiss Childhood Cancer Survivor Study. <i>Pediatr Blood Cancer.</i> (2020); 67(2), e28046. doi: 10.1002/pbc.28046.	2.355
126	<b>Schmugge M, Mattiello V, Hengartner H, von der Weid NX, Renella R</b> , SPOG Pediatric Hematology Working Group. Comment on: Intravenous ferric carboxymaltose for iron deficiency anemia or iron deficiency without anemia after poor response to oral iron treatment: Benefits and risks in a cohort of 144 children and adolescents. <i>Pediatr Blood Cancer.</i> (2020); e28726. doi: 10.1002/pbc.28726.	2.355
127	Schönholzer MT, Migliavacca J, Alvarez E, Santhana Kumar K, Neve A, Gries A, Ma M, <b>Grotzer M, Baumgartner M</b> . Real-time sensing of MAPK signaling in medulloblastoma cells reveals cellular evasion mechanism counteracting dasatinib blockade of ERK activation during invasion. <i>Neoplasia.</i> (2020); 22(10), 470-483. doi: 10.1016/j.neo.2020.07.006.	5.696
128	Schyrff F, Dolci M, Nydegger M, Canellini G, Andreu-Ullrich H, Joseph JM, <b>Diezi M, Cachat F, Rizzi M, Renella R</b> . Perioperative care of children with sickle cell disease: A systematic review and clinical recommendations. <i>Am J Hematol.</i> (2020); 95(1), 78-96. doi: 10.1002/ajh.25626.	6.973
129	Scott C, Downes DJ, Brown JM, Beagrie R, Olijnik AA, Gosden M, Schwessinger R, Fisher CA, Rose A, Ferguson DJP, Johnson E, Hill QA, Okoli S, <b>Renella R</b> , Ryan K, Brand M, Hughes J, Roy NBA, Higgs DR, Babbs C, Buckle VJ. Recapitulation of erythropoiesis in congenital dyserythropoietic anaemia type I (CDA-I) identifies defects in differentiation and nucleolar abnormalities. <i>Haematologica.</i> (2020). doi: 10.3324/haematol.2020.260158.	7.116
130	Sieewart V, Benzing V, Spitzhuetl J, Schmidt M, <b>Grotzer M</b> , Steinlin M, <b>Leibundgut K</b> , Roebbers C, Everts R. Cognition, psychosocial functioning, and health-related quality of life among childhood cancer survivors. <i>Neuropsychol Rehabil.</i> (2020); 1-24. doi: 10.1080/09602011.2020.1844243.	2.556
131	Simon A, Lehrnbecher T, Groll AH, Laws H-J, <b>Ammann RA</b> . Step-down and move forward. <i>Pediatr Blood Cancer.</i> (2020); 67(7), e28342. doi: 10.1002/pbc.28342.	2.355
132	Sparber-Sauer M, Koscielniak E, Vokuhl C, Schmid I, Bien E, Seitz G, Hallmen E, von Kalle T, Scheer M, Münter M, Bielack SS, <b>Niggli FK</b> , Ljungman G, Fuchs J, Hettmer S, <b>Rössler J</b> , Klingebiel T; CWS Study Group. Endothelial cell malignancies in infants, children and adolescents: Treatment results of three Cooperative Weichteilsarkom Studiengruppe (CWS) trials and one registry. <i>Pediatr Blood Cancer.</i> (2020); 67(3), e28095. doi: 10.1002/pbc.28095.	2.355
133	Spitzhuetl JS, Kronbichler M, Kronbichler L, Benzing V, Sieewart V, Pastore-Wapp M, Kiefer C, Slavova N, <b>Grotzer M</b> , Roebbers CM, Steinlin M, <b>Leibundgut K</b> , Everts R. Impact of non-CNS childhood cancer on resting-state connectivity and its association with cognition. <i>Brain Behav.</i> (2020); e01931. doi: 10.1002/brb3.1931.	2.091
134	Stathopoulos C, Bartolini B, Marie G, <b>Beck Popovic M</b> , Saliou G, Munier FL. Risk factors for acute choroidal ischemia after intra-arterial melphalan for retinoblastoma: the role of the catheterization approach. <i>Ophthalmology.</i> (2020). doi: 10.1016/j.optha.2020.09.021.	8.470
135	Strahm B, Loewecke F, Niemeyer CM, Albert M, <b>Ansari M</b> , Bader P, Bertrand Y, Burkhardt B, Da Costa LM, Ferster A, Fischer A, <b>Güngör T</b> , Gruhn B, Hainmann I, Kapp F, Lang P, Müller I, Schulz A, Szvetnik E, Wlodarski M, Noellke P, Leblanc T, Dalle JH. Favorable outcomes of hematopoietic stem cell transplantation in children and adolescents with Diamond Blackfan anemia. <i>Blood Adv.</i> (2020); 4(8), 1760-1769. doi: 10.1182/bloodadvances.2019001210.	4.91
136	Tarabay A, Maduri R, <b>Rizzi M</b> , Barges-Coll J, Truttmann AC, Messerer M. Midline spinous process splitting laminoplasty in a newborn with thoracolumbar epidural hematoma: a bone-sparing procedure based on anatomy and embryology. <i>Childs Nerv Syst.</i> (2020); 36(12), 3103-3108. doi: 10.1007/s00381-020-04611-9.	1.298
137	Tuma J, <b>Baumgartner M</b> , Moch H, Serra A. CME Sonography 89: Differential Diagnosis of Kidney Masses. <i>Praxis (Bern 1994).</i> (2020); 109(2), 71-77. doi: 10.1024/1661-8157/a003423.	0.08
138	Tuma J, <b>Baumgartner M</b> , Moch H, Serra A. CME Sonography 89/Answers: Differential Diagnosis of Kidney Masses. <i>Praxis (Bern 1994).</i> (2020); 109(3), 223-224. doi: 10.1024/1661-8157/a003424.	0.08
139	Uden T, Bertaina A, Abrahamsson J, <b>Ansari M</b> , Balduzzi A, <b>Bourquin JP</b> , Gerhardt C, Bierings M, Hasle H, Lankester A, Mischke K, Moore AS, Nivison-Smith I, Pieczonka A, Peters C, Sedlacek P, Reinhardt D, Stein J, Versluys B, Wachowiak J, Willems L, Zimmermann M, Locatelli F, Sauer MG. Outcome of children relapsing after first allogeneic haematopoietic stem cell transplantation for acute myeloid leukaemia: a retrospective I-BFM analysis of 333 children. <i>Br J Haematol.</i> (2020); 189(4), 745-750. doi: 10.1111/bjh.16441.	5.518
140	Van Gool SW, Makalowski J, Bonner ER, Feyen O, Domogalla MP, Prix L, Schirmacher V, <b>Nazarian J</b> , Stuecker W. Addition of multimodal immunotherapy to combination treatment strategies for children with DIPG: a single institution experience. <i>Medicines (Basel).</i> (2020); 7(5), 29. doi: 10.3390/medicines7050029.	No JIF available
141	Visscher H, <b>Otth M</b> , Feijen EAML, Nathan PC, <b>Kuehni CE</b> . Cardiovascular and pulmonary challenges after treatment of childhood cancer. <i>Pediatr Clin North Am.</i> (2020); 67(6), 1155-1170. doi: 10.1016/j.pcl.2020.07.007.	2.042

Authors/title/journal	Publications in peer reviewed journals and cited in PubMed	JIF
142	Vitanza NA, Biery MC, Myers C, Ferguson E, Zheng Y, Girard EJ, Przystal JM, Park G, Noll A, Pakiam F, Winter CA, Morris SM, Sarthy J, Cole BL, Leary SES, Crane C, Lieberman NAP, <b>Mueller S, Nazarian J</b> , Gottardo R, Brusniak MY, Mhyre AJ, Olson JM. Optimal therapeutic targeting by HDAC inhibition in biopsy-derived treatment-naïve diffuse midline glioma models. <i>Neuro Oncol.</i> (2020); noaa249. doi: 10.1093/neuonc/noaa249.	10.247
143	Waszak SM, Robinson GW, Gudenas BL, Smith KS, Forget A, Kojic M, Garcia-Lopez J, Hadley J, Hamilton KV, Indersie E, Buchhalter I, Kerssemakers J, Jager N, Sharma T, Rausch T, Kool M, Sturm D, Jones DTW, Vasilyeva A, Tatevossian RG, Neale G, Lombard B, Loew D, Nakitandwe J, Rusch M, Bowers DC, Bendel A, Partap S, Chintagumpala M, Crawford J, Gottardo NG, Smith A, Dufour C, Rutkowski S, Eggen T, Wesenberg F, Kjaerheim K, Feychting M, Lantering B, Schuz J, Johansen C, Andersen TV, Roosli M, <b>Kuehni CE, Grotzer M</b> , Remke M, Puget S, Pajtler KW, Milde T, Witt O, Ryzhova M, Korshunov A, Orr BA, Ellison DW, Brugieres L, Lichter P, Nichols KE, Gajjar A, Wainwright BJ, Ayrault O, Korbel JO, Northcott PA, Pfister SM. Germline elongator mutations in Sonic Hedgehog medulloblastoma. <i>Nature.</i> (2020); 580(7803), 396-401. doi: 10.1038/s41586-020-2164-5.	42.778
144	Willasch AM, Peters C, Sedláček P, Dalle JH, Kitra-Roussou V, Yesilipek A, Wachowiak J, Lankester A, Prete A, Hamidieh AA, Ifversen M, Buechner J, Kriván G, Hamladji RM, Diaz-de-Heredia C, Skorobogatova E, <b>Michel G</b> , Locatelli F, Bertaina A, Veys P, Dupont S, Or R, <b>Güngör T</b> , Aleinikova O, Sufliarska S, Sundin M, Rascon J, Kaare A, Nemet D, Fagioli F, Klingebiel T, Styczynski J, Bierings M, Nagy K, Abecasis M, Afanasyev B, <b>Ansari M</b> , Vettenranta K, Alseraihy A, Chybicka A, Robinson S, Bertrand Y, Kupesz A, Ghavamzadeh A, Campos A, Pichler H, Dalissier A, Labopin M, Corbacioglu S, Balduzzi A, Galimard JE and Peter Bader, on behalf of the EBMT Paediatric Diseases Working Party. Myeloablative conditioning for allo-HSCT in pediatric ALL: FTBI or chemotherapy? – A multicenter EBMT-PDWP study. <i>Bone Marrow Transplant.</i> (2020); 55(8), 1540-1551. doi: 10.1038/s41409-020-0854-0.	4.725
145	Wolfs TFW, Attarbaschi A, Balduzzi A, Bernardo ME, Bomken S, Borkhardt A, <b>Bourquin JP</b> , Dufour C, Gennery A, Grainger J, Hasle H, Hrusak O, Izraeli S, Mechinaud F, Trka J, Vormoor J. COVID-19 – Impact on childhood haematology patients. <i>Hemasphere.</i> (2020); 4(5), e465. doi: 10.1097/HS9.0000000000000465.	No JIF available
146	Wrona D, Pastukhov O, Pritchard RS, Raimondi F, <b>Tchinda J</b> , Jinek M, Siler U, Reichenbach J. CRISPR-directed therapeutic correction at the NCF1 locus is challenged by frequent incidence of chromosomal deletions. <i>J. Mol Ther Methods Clin Dev.</i> (2020); 17, 936-943. doi: 10.1016/j.omtm.2020.04.015.	4.533
147	Yang CL, Serra-Roma A, Gualandi M, <b>Bodmer N, Niggli FK</b> , Schulte JH, Bode PK, Shakhova O. Lineage-restricted sympathoadrenal progenitors confer neuroblastoma origin and its tumorigenicity. <i>Oncotarget.</i> (2020); 11(24), 2357-2371. doi: 10.18632/oncotarget.27636.	3.765
148	Zaliova M, Potuckova E, Lukes J Jr, Winkowska L, Starkova J, Janotova I, Sramkova L, Sary J, Zuna J, Stanulla M, Zimmermann M, Bornhauser B, <b>Bourquin JP</b> , Eckert C, Cario G, Trka J. Frequency and prognostic impact of ZEB2 H1038 and 1072 mutations in childhood B-other acute lymphoblastic leukemia. <i>Haematologica.</i> (2020); doi: 10.3324/haematol.2020.249094.	7.116
<b>Total JIF</b>		<b>973.466</b>

The Journal Impact Factor (JIF) of a specialist journal measures how often other journals cite an article from it in relation to the total number of articles published in it. It is a measure of the recognition of the quality of published research results.

### Publications in not peer reviewed journals or not cited in PubMed

**Bodmer N, Scheidegger N:** Was gibt es Neues bei akuten Leukämien im Kindesalter. *Paediatrica.* (2020); 31(1).

**Denzler S, Otth M, Scheinemann K:** Spätfolgen und Langzeit-Nachsorge nach einer Krebserkrankung im Kindes- und Jugendalter. *Paediatrica.* (2020); 31(1).

**Guerreiro Stücklin A, Scheinemann K:** ZNS Tumore im Kindes- und Jugendalter. *Paediatrica.* (2020); 31(1).

Mueller T, **Guerreiro Stücklin A**, Postlmayr A, Metzger S, **Gerber NU**, Kline C, **Grotzer M, Nazarian J, Mueller S:** Advances in Targeted Therapies for Pediatric Brain Tumors. *Curr Treat Options Neurol.* (2020); 22(43).

**Otth M, Pfeiffer V, Kuehni CE, Scheinemann K:** Kinderkrebs in der Schweiz. *Paediatrica.* (2020); 31(1).

**Scheinemann K:** Editorial. *Paediatrica.* (2020); 31(1).

**Scheinemann K:** Krebsprädispositionssyndrome. *Paediatrica.* (2020); 31(1).

**Schilling FH**, Reimann C, Stahr N, Szavay P: Pediatric carcinomas – Two case reports. Rare entities – network approach necessary. *Swiss Cancer Bulletin.* (2020); 40, 247-250.

Solari S, Grandoni F, Alberio L, **Renella R**, Gavillet M. Transfusion-dependent haemolytic anaemia. *Forum Med Suisse.* (2020); 20(4344), 608-611.

### Book chapters and others

**Diesch T** (2020). Kann Speichel das Blutbild ersetzen? In: Filippi A, Waltimo T (Hrsg.); Speichel. Springer. Kap. 29.

**Schifferli A, von der Weid NX** (2020). Thromboseprophylaxe und Gerinnungsprobleme in der Kindertraumatologie. In: Engelhardt M, Rasche MJ (Hrsg.); Orthopädie und Unfallchirurgie. Springer Nature. 1–9.