

## Verzeichnis der Veröffentlichungen Stand 17.11.2023

Name	Originalarbeiten	Originalarbeiten Erst- oder Letztautor	Originalarbeiten Koautor	Impact factor (alle 186 Arbeiten)	Hirsch index
Christian P. Kratz	115 IF: 1327	35 IF: 378	80 IF: 949	1.693	59 Zitationen: 15893

**Original papers and research letters with original data, first, last author IF: 378**

- Kratz C**, Mauz-Korholz C, Kruck H, Korholz D, Göbel U. Detection of antiphospholipid antibodies in children and adolescents. *Pediatr Hematol Oncol* 1998;15:325-332. 1,076
- Kratz CP**, Emerling BM, Donovan S, Laig-Webster M, Taylor BR, Thompson P, Jensen S, Banerjee A, Bonifas J, Makalowski W, Green ED, Le Beau MM, Shannon KM. Candidate gene isolation and comparative analysis of a commonly deleted segment of 7q22 implicated in myeloid malignancies. *Genomics* 2001;77:171-180. 6,105
- Kratz CP**, Emerling BM, Bonifas J, Wang W, Le Beau MM, Shannon KM. Genomic structure of the PIK3CG gene on chromosome 7q22 and evaluation as a candidate myeloid tumor suppressor. *Blood* 2002;99:373-374. 22,113
- Kratz CP**, Abd El-Monheim A, Manke EM, Rister M, Rogge T, Niemeyer CM. Retrospective analysis of the clinical course of 12 children given the diagnosis essential thrombocythemia. *Klin Pädiatr* 2004;216:349-355. 1,349
- Kratz CP**, Niemeyer CM, Castleberry RP, Cetin M, Bergsträsser E, Emanuel PD, Hasle H, Kardos G, Klein C, Kojima S, Sary J, Trebo M, Zecca M, Gelb BD, Tartaglia M, and Loh ML. The mutational spectrum of PTPN11 in juvenile myelomonocytic leukemia and Noonan syndrome/myeloproliferative disease. *Blood* 2005;106:2183-2185. 22,113
- Schubbert S, Zenker M, Rowe SL, Böll S, Klein C, Bollag G, van der Burgt I, Musante L, Wehner LE, Nguyen H, West B, Rauch A, Niemeyer CM, Shannon KM, **Kratz CP**. Germline KRAS mutations cause Noonan syndrome. *Nat Genet* 2006;38:331-336. 38,333
- Kratz CP**, Böll S, Kontny U, Schrappe M, Niemeyer CM, Stanulla M. Mutational screen reveals a novel JAK2 mutation, L611S, in a child with acute lymphoblastic leukemia. *Leukemia* 2006;20:381-383. 8,665
- Reimann C, Arola M, Bierings M, Karow A, van den Heuvel-Eibrink MM, Hasle H, Niemeyer CM, **Kratz CP**. A novel somatic K-Ras mutation in juvenile myelomonocytic leukaemia. *Leukemia* 2006; 20:1637-1638. 8,665
- Ortmann CA, Niemeyer CM, Wawer W, Horneff S, Ebell W, Baumann I, **Kratz CP**. TERC mutations in children with refractory cytopenia. 2006. *Haematologica* 2006;91:707-708. 9,941
- Kratz CP**, Steinemann D, Niemeyer CM, Schlegelberger B, Koscielniak E, Kontny U, Zenker M. Uniparental disomy at chromosome 11p15.5 followed by HRAS mutations in embryonal rhabdomyosarcoma: Lessons from Costello syndrome. *Hum Mol Gen* 2007;16:374-379. 5,100
- Kratz CP**, Niemeyer CM, Thomas C, Bauhuber S, Matejas V, Bergstrasser E, Flotho C, Flores NJ, Haas O, Hasle H, van den Heuvel-Eibrink MM, Kucherlapati RS, Lang P, Roberts AE, Sary J, Strahm B, Swanson KD, Trebo M, Zecca M, Neel B, Locatelli F, Loh ML, Zenker M. Mutation analysis of Son of Sevenless in juvenile myelomonocytic leukemia. *Leukemia* 2007;21:1108-1109. 8,665
- Karow A, Steinemann D, Göhring G, Hasle H, Greiner J, Harila-Saari A, Flotho C, Zenker M, Schlegelberger B, Niemeyer CM, **Kratz CP**. Clonal duplication of a germline PTPN11 mutation due to acquired uniparental

- disomy in acute lymphoblastic leukemia blasts from a patient with Noonan syndrome. *Leukemia* 2007;21:1303-1305.
13. Hindersin S, Niemeyer CM, Germing U, Göbel U, **Kratz CP**. Mutation analysis of CUTL1 in childhood myeloid neoplasias with monosomy 7. *Leukemia Research* 2007;9:1331-1332. 2,319
  14. **Kratz CP**, Niemeyer CM, Karow A, Volz-Fleckenstein M, Schmitt-Gräff A, Strahm B. Congenital transfusion dependent anemia and thrombocytopenia with myelodysplasia due to a recurrent GATA1G208R germline mutation. *Leukemia* 2008;22:432-434. 8,665
  15. **Kratz CP**, Niemeyer CM, Jüttner E, Kartal M, Weninger A, Schmitt-Gräff A, Kontny U, Lauten M, Utzolino S, Rådecke J, Fonatsch C, Wimmer K. Childhood T-cell non-Hodgkin lymphoma, colorectal carcinoma, and brain tumor in association with café-au-lait spots caused by a novel homozygous PMS2 mutation. *Leukemia* 2008; 22:1078-1078. 8,665
  16. **Kratz CP**, Holter S, Etzler J, Lauten M, Pollett A, Niemeyer CM, Gallinger S, Wimmer K. Rhabdomyosarcoma in patients with constitutional mismatch-repair-deficiency syndrome (Mutation Report). *J Med Genet* 2009;46:418-420. 4,943
  17. **Kratz CP**, Zampino G, Kriek M, Kant SG, Leoni C, Pantaleoni F, Oudesluys-Murphy AM, Di Rocco C, Kloska SP, Tartaglia M, Zenker M. Craniosynostosis in patients with Noonan syndrome caused by germline KRAS mutations. *Am J Med Genet A* 2009;149A:1036-1040. 2,125
  18. **Kratz CP**, Rapisuwon S, Reed H, Hasle H, Rosenberg PS. Cancer in Noonan, Costello, cardiofaciocutaneous and LEOPARD syndromes. *Am J Med Genet C Semin Med Genet*. 2011 May 15;157C(2):83-9. 7,101
  19. **Kratz CP**, Greene MH, Bratslavsky G, Shi J. A stratified genetic risk assessment for testicular cancer. *Int J Androl* 2011;34:e98-102. 3,106
  20. **Kratz CP**, Han SS, Rosenberg PS, Berndt SI, Burdett L, Yeager M, Korde LA, Mai PL, Pfeiffer R, Greene MH. Variants in or near KITLG, BAK1, DMRT1, and TERT-CLPTM1L predispose to familial testicular germ cell tumour. *J Med Genet* 2011;48:473-476. 4,943
  21. Schumacher FR,\* Wang Z,\* Skotheim RI,\* Koster R,\* Chung CC,\* Hildebrandt MA,\* **Kratz CP**,\* Bakken AC, Bishop DT, Cook MB, Erickson RL, Fosså SD, Greene MH, Jacobs KB, Kanetsky PA, Kolonel LN, Loud JT, Korde LA, Le Marchand L, Lewinger JP, Lothe RA, Pike MC, Rahman N, Rubertone MV, Schwartz SM, Siegmund KD, Skinner EC, Turnbull C, Van Den Berg DJ, Wu X, Yeager M, Nathanson KL, Chanock SJ, Cortessis VK, McGlynn KA. Testicular germ cell tumor susceptibility associated with the UCK2 locus on chromosome 1q23. *Hum Mol Genet* 2013;22:2748-2753. 5,1  
(\*shared first authors)
  22. Chung CC,\* Kanetsky PA,\* Wang Z,\* Hildebrandt MA,\* Koster R,\* Skotheim RI,\* **Kratz CP**,\* Turnbull C, Cortessis VK, Bakken AC, Bishop DT, Cook MB, Erickson RL, Fosså SD, Jacobs KB, Korde LA, Kraggerud SM, Lothe RA, Loud JT, Rahman N, Skinner EC, Thomas DC, Wu X, Yeager M, Schumacher FR, Greene MH, Schwartz SM, McGlynn KA, Chanock SJ, Nathanson KL. Meta-analysis identifies four new loci associated with testicular germ cell tumor. *Nat Genet* 2013;45:680-685. (\*shared first authors) 38,333
  23. **Kratz CP**, Edelman DC, Wang Y, Meltzer PS, Greene MH. Genetic and epigenetic analysis of monozygotic twins discordant for testicular cancer. *Int J Mol Epidemiol Genet*. 2014;5:135-139. 1,329
  24. **Kratz CP**, Franke L, Peters H, Kohlschmidt N, Kazmierczak B, Finckh U, Bier A, Eichhorn B, Blank C, Kraus C, Kohlhase J, Pauli S, W Gabriele, Kutsche K, Auber B, Christmann A, Bachmann N, Mitter D, Cremer FW, Mayer K, Daumer-Haas C, Nevinny-Stickel-Hinzpeter C, Oeffner F, Schlüter G, Gencik M, Überlacker B, Lissewski C, Schanze I, Greene MH, Spix C, Zenker M. 5,791

- Cancer Spectrum and Frequency among Children with Noonan, Costello, and Cardio-Facio-Cutaneous Syndromes. *Br J Cancer* 2015;112:1392-1397.
25. Schütte P, Möricke A, Zimmermann M, Bleckmann K, Reismüller B, Attarbaschi A, Mann G, Bodmer N, Niggli F, Schrappe M, Stanulla M, **Kratz CP**. Preexisting conditions in pediatric ALL patients: Spectrum, frequency and clinical impact. *Eur J Med Genet.* 2016;59:143-151. 2,022
  26. Cöktü S, Spix C, Kaiser M, Beygo J, Kleinle S, Bachmann N, Kohlschmidt N, Prawitt D, Beckmann A, Klaes R, Nevinny-Stickel-Hinzpeter C, Döhnert S, Kraus C, Kadgien G, Vater I, Biskup S, Kutsche M, Kohlhase J, Eggermann T, Zenker M, **Kratz CP**. Cancer incidence and spectrum among children with genetically confirmed Beckwith-Wiedemann spectrum in Germany: a retrospective cohort study. *Br J Cancer.* 2020;123:619-623. 5,791
  27. Winter G, Kirschner-Schwabe R, Groeneveld-Krentz S, Escherich G, Möricke A, von Stackelberg A, Stanulla M, Bailey S, Richter L, Steinemann D, Ripperger T, Escudero A, Farah R, Lohi O, Wadt K, Jongmans M, van Engelen N, Eckert C, **Kratz CP**. Clinical and genetic characteristics of children with acute lymphoblastic leukemia and Li-Fraumeni syndrome. *Leukemia.* 2021;35(5):1475-1479. 8,665
  28. Schwermer M, Behnert A, Dörgeloh B, Ripperger T, **Kratz CP**. Effective identification of cancer predisposition syndromes in children with cancer employing a questionnaire. *Fam Cancer.* 2021;20(4):257-262. 2,375
  29. Nguyen TMK, Behnert A, Pietsch T, Vokuhl C, **Kratz CP**. Proportion of children with cancer that have an indication for genetic counseling and testing based on the cancer type irrespective of other features. *Fam Cancer.* 2021;20(4):273-277. 2,375
  30. Behrens YL, Göhring G, Bawadi R, Cöktü S, Reimer C, Hoffmann B, Sänger B, Käfer S, Thol F, Erlacher M, Niemeyer CM, Baumann I, Kalb R, Schindler D, **Kratz CP**. A novel classification of hematologic conditions in patients with Fanconi anemia. *Haematologica.* 2021;106(11):3000-3003. 9,941
  31. **Kratz CP**, Freycon C, Maxwell KN, Nichols KE, Schiffman JD, Evans DG, Achatz MI, Savage SA, Weitzel JN, Garber JE, Hainaut P, Malkin D. Analysis of the Li-Fraumeni Spectrum Based on an International Germline TP53 Variant Data Set: An International Agency for Research on Cancer TP53 Database Analysis. *JAMA Oncol.* 2021 Dec 1;7(12):1800-1805. doi: 10.1001/jamaoncol.2021.4398. PMID: 34709361; PMCID: PMC8554692. 31,8
  32. Dutzmann CM, Spix C, Popp I, Kaiser M, Erdmann F, Erlacher M, Dörk T, Schindler D, Kalb R, **Kratz CP**. Cancer in Children With Fanconi Anemia and Ataxia-Telangiectasia-A Nationwide Register-Based Cohort Study in Germany. *J Clin Oncol.* 2022 Jan 1;40(1):32-39. doi: 10.1200/JCO.21.01495. Epub 2021 Oct 1. PMID: 34597127; PMCID: PMC8683217. 44,5
  33. **Kratz CP**, Smirnov D, Autry R, Jäger N, Waszak SM, Großhennig A, Berutti R, Wendorff M, Hainaut P, Pfister SM, Prokisch H, Ripperger T, Malkin D. Heterozygous BRCA1/2 and Mismatch Repair Gene Pathogenic Variants in Children and Adolescents with Cancer. *J Natl Cancer Inst.* 2022 Nov 14;114(11):1523-1532. 11,816
  34. Penkert J, Strüwe FJ, Dutzmann CM, Doergeloh BD, Montellier E, Freycon C, Keymling M, Schlemmer HP, Sänger B, Hoffmann B, Gerasimov T, Blattmann C, Fetscher S, Frühwald M, Hettmer S, Kordes U, Ridola V, Kroiss Benninger S, Mastronuzzi A, Schott S, Nees J, Prokop A, Redlich A, Seidel MG, Zimmermann S, Pajtler KW, Pfister SM, Hainaut P, **Kratz CP**. Genotype-Phenotype Associations within the Li-Fraumeni Spectrum – A Report from the German Registry. *J Hematol Oncol.* 2022 Aug 16;15(1):107. 23,17
  35. Farina J, Struwe FJ, Schott S, de Zwaan M, **Kratz CP**. Willingness of individuals with Li-Fraumeni syndrome to participate in a cancer prevention trial – a survey study. *Familial Cancer.* In Press 2,446

36. Emerling BM, Bonifas J, **Kratz CP**, Donovan S, Taylor BR, Green ED, Le Beau MM, Shannon KM. MLL5, a homolog of *Drosophila trithorax* located within a segment of chromosome band 7q22 implicated in myeloid leukemia. *Oncogene* 2002;21:4849-4854. 7,971
37. Zhang Q, Zhao B, Li W, Oiso N, Novak EK, Rusiniak ME, O'Brien EP, Zhang Y, Roe BA, Elliot RW, Eicher E, Liang P, **Kratz C**, Legius E, Spritz RA, Copeland NG, Jenkins NA, Swank RT. Ruby-eye-2 (*ru2*) and ruby-eye encode mouse orthologs of genes mutated in human Hermansky-Pudlak syndrome types 5 and 6. *Nat Genet* 2003;33:145-153. 38,333
38. Side LE, Curtiss NP, Teel K, **Kratz C**, Wang PW, Larson RA, Le Beau MM, Shannon KM. RAS, FLT3, and TP53 mutations in therapy-related myeloid malignancies with abnormalities of chromosomes 5 and 7. *Genes Chromosomes Cancer* 2004;39:217-223. 4,041
39. Germeshausen M, Schulze H, **Kratz C**, Wilkens L, Repp R, Shannon K, Welte K, Ballmaier M. An acquired G-CSF receptor mutation results in increased proliferation of CMML cells from a patient with severe congenital neutropenia. *Leukemia* 2005;19:611-617. 8,665
40. Curtiss NP, Bonifas JM, Lauchle JO, Balkman JD, **Kratz CP**, Emerling BM, Green ED, Le Beau MM, Shannon KM. Isolation and analysis of candidate myeloid tumor suppressor genes from a commonly deleted segment of 7q22. *Genomics* 2005;85:600-607. 6,205
41. Abd El-moneim A, **Kratz CP**, Böll S, Rister M, Pahl HL, Niemeyer CM. Essential versus reactive thrombocytopenia in children: Retrospective analyses of 12 cases. *Pediatric Blood Cancer* 2007;49:52-55. 3,167
42. Zenker M, Lehmann K, Schulz AL, Barth H, Hansmann D, Koenig R, Korinthenberg R, Kreiss-Nachtsheim M, Meinecke P, Morlot S, Mundlos S, Quante AS, Raskin S, Schnabel D, Wehner LE, **Kratz CP**, Horn D, Kutsche K. Expansion of the genotypic and phenotypic spectrum in patients with KRAS germline mutations. *J Med Genet* 2006;44:131-135. 4,943
43. Flotho F, Steinemann D, Mullighan CG, Neale G, Mayer K, **Kratz C**, Schlegelberger B, Downing JR, Niemeyer CM. Genome-wide single nucleotide polymorphism analysis in juvenile myelomonocytic leukemia identifies uniparental disomy surrounding the NF1 locus in cases associated with neurofibromatosis but not in cases with mutant RAS or PTPN11. *Oncogene* 2007;26:5816-5821. 7,971
44. van der Burgt I, Kupsy W, Stassou S, Nadroo A, Barroso C, Diem A, **Kratz CP**, Dvorsky R, Ahmadian MR, Zenker M. Myopathy caused by HRAS germline mutations - implications for disturbed myogenic differentiation in the presence of constitutive H-Ras activation. *J Med Genet* 2007;44:459-462. 4,943
45. Zenker M, Horn D, Wiczorek D, Allanson J, Pauli S, van der Burgt I, Doerr HG, Gaspar H, Hofbeck M, Gillissen-Kaesbach G, Koch A, Meinecke P, Nowak A, Rauch A, Reif S, von Schnakenburg C, Seidel H, Wehner LE, Zweier C, Bauhuber S, Matejas V, **Kratz CP**, Thomas C, Kutsche K. SOS1 is the second most common Noonan gene but plays no major role in cardio-facio-cutaneous syndrome. *J Med Genet* 2007;44:651-656. 4,943
46. Schubbert S, Bollag G, Lyubynska N, Nguyen H, **Kratz CP**, Zenker M, Niemeyer CM, Molven A, Shannon K. Biochemical and Functional Characterization of Germline KRAS Mutations. *Mol Cell Biol* 2007;27:7765-7770. 3,735
47. Zecca M, Bergamaschi G, **Kratz C**, Bergsträßer E, Danesino C, De Filippi P, Hasle H, Lisini D, Locatelli F, Pession A, Sainati L, Starý J, Trebo M, van den Heuvel-Eibrink M, Wójcik D, Niemeyer CM. JAK2 V617F mutation is a rare event in juvenile myelomonocytic leukemia. *Leukemia* 2007;21:367-369. 8,665

48. de Vries ACH, Stam RW, **Kratz CP**, Zenker M, Niemeyer CM, van den Heuvel-Eibrink MM. Mutation analysis of the BRAF oncogene in juvenile myelomonocytic leukaemia. *Haematologica* 2007; 2:1574-1575. 9,941
49. de Vries ACH, Stam RW, Schneider P, Niemeyer CM, van Wering E, Hass O, **Kratz CP**, den Boer ML, Pieters R, van den Heuvel-Eibrink MM. Role of mutation independent constitutive activation of FLT3 in juvenile myelomonocytic leukemia. *Haematologica* 2007; 92:1557-1560. 9,941
50. Péron S, Metin A, Gardès P, Alyanakian MA, Sheridan E, **Kratz CP**, Fischer A, Durandy A. Human PMS2 deficiency is associated with impaired immunoglobulin class switch recombination. *J Exp Med* 2008;205:2465-2472. 11,743
51. Pfister S, Janzarik WG, Remke M, Ernst A, Werft W, Becker N, Toedt G, Wittmann A, **Kratz C**, Olbrich H, Ahmadi R, Thieme B, Joos S, Radlwimmer B, Kulozik A, Pietsch T, Herold-Mende C, Gnekow A, Reifenberger G, Korshunov A, Scheurlen W, Omran H, Lichter P. BRAF gene duplication constitutes a mechanism of MAPK pathway activation in low-grade astrocytomas. *J Clin Invest* 2008;118:1739-1749. 11,864
52. Etzler J, Peyrl A, Zatkova A, Schildhaus HU, Ficek A, Merkelbach-Bruse S, **Kratz CP**, Attarbaschi A, Hainfellner JA, Yao S, Messiaen L, Slavc I, Wimmer K. RNA-based mutation analysis identifies an unusual MSH6 splicing defect and circumvents PMS2 pseudogene interference. *Hum Mutat* 2008;29:299-305. 5,359
53. Archambeault S, Flores NJ, Yoshimi A, **Kratz CP**, Reising M, Fischer A, Noellke P, Locatelli F, Sedlacek P, Flotho C, Zecca M, Emanuel PD, Castleberry RP, Niemeyer CM, Bader P, Loh ML. Development of an allele-specific minimal residual disease assay for patients with juvenile myelomonocytic leukemia. *Blood* 2008;111:1124-1127. 22,113
54. Flotho C, **Kratz CP**, Bergsträsser E, Hasle H, Stary J, Trebo M, van den Heuvel-Eibrink MM, Wójcik D, Zecca M, Locatelli F, Niemeyer CM. Genotype-phenotype correlation in cases of juvenile myelomonocytic leukemia with clonal RAS mutations. *Blood* 2008; 111:966-967. 22,113
55. Yang Z, Kondo T, Voorhorst CS, Nabinger SC, Ndong L, Yin F, Chan EM, Yu M, Würstlin O, **Kratz CP**, Niemeyer CM, Flotho C, Hashino E, Chan RJ. Increased c-Jun expression and reduced GATA2 expression promote aberrant monocytic differentiation induced by activating PTPN11 mutants. *Mol Cell Biol* 2009;29:4376-4393. 3,753
56. Boztug K, Appaswamy G, Ashikov A, Schäffer AA, Salzer U, Diestelhorst J, Germeshausen M, Brandes G, Lee-Gossler J, Noyan F, Gatzke AK, Minkov M, Greil J, **Kratz C**, Petropoulou T, Pellier I, Bellanné-Chantelot C, Rezaei N, Mönkemöller K, Irani-Hakimeh N, Bakker H, Gerardy-Schahn R, Zeidler C, Grimbacher B, Welte K, Klein C. A novel syndrome with congenital neutropenia and mutations in G6PC3. *N Engl J Med* 2009;360:32-43. 74,699
57. Allanson JE, Bohring A, Dörr HG, Dufke A, Gillissen-Kaesbach G, Horn D, König R, **Kratz CP**, Kutsche K, Pauli S, Raskin S, Rauch A, Turner A, Wieczorek D, Zenker M. The face of Noonan syndrome: Does phenotype predict genotype. *Am J Med Genet A* 2010;152A:1960-1966. 2,125
58. Cirstea IC, Kutsche K, Dvorsky R, Gremer L, Carta C, Horn D, Roberts AE, Lepri F, Merbitz-Zahradnik T, König R, **Kratz CP**, Pantaleoni F, Dentici ML, Joshi VA, Kucherlapati RS, Mazzanti L, Mundlos S, Patton MA, Silengo MC, Rossi C, Zampino G, Digilio C, Stuppia L, Seemanova E, Pennacchio LA, Gelb BD, Dallapiccola B, Wittinghofer A, Ahmadian MR, Tartaglia M, Zenker M. A restricted spectrum of NRAS mutations causes Noonan syndrome. *Nat Genet* 2010;42:27-29. 38,333
59. Savoia A, Germeshausen M, De Rocco D, Henschel B, **Kratz CP**, Kuhlen M, Rath B, Steuhl KP, Wermes C, Ballmaier M. MYH9-related disease: Report 2,904

- on five German families and description of a novel mutation. *Ann Hematol* 2010;89:1057-1059.
60. Dührsen U, **Kratz CP**, Flotho C, Lauenstein T, Bommer M, König E, Brittinger G, Heimpel H. Long-term outcome of hemizygous and heterozygous carriers of a germline GATA1G208R mutation. *Ann Hematol* 2011;90:301-306. 1,043
  61. Gremer L, Merbitz-Zahradnik T, Dvorsky R, Cirstea IC, **Kratz CP**, Zenker M, Wittinghofer A, Ahmadian MR. Germline KRAS mutations cause aberrant biochemical and physical properties leading to developmental disorders. *Hum Mutat* 2011;32:33-43. 5,359
  62. Peters JA, Kenen R, Hoskins LM, Glenn GM, **Kratz C**, Greene MH. Close ties: an exploratory Colored Eco-Genetic Relationship Map (CEGRM) study of social connections of men in Familial Testicular Cancer (FTC) families. *Hered Cancer Clin Pract* 2012;10:2. 0,839
  63. Jacobs KB, Yeager M, Zhou W, Wacholder S, Wang Z, Rodriguez-Santiago B, Hutchinson A, Deng X, Liu C, Horner MJ, Cullen M, Epstein CG, Burdett L, Dean MC, Chatterjee N, Sampson J, Chung CC, Kovaks J, Gapstur SM, Stevens VL, Teras LT, Gaudet MM, Albanes D, Weinstein SJ, Virtamo J, Taylor PR, Freedman ND, Abnet CC, Goldstein AM, Hu N, Yu K, Yuan JM, Liao L, Ding T, Qiao YL, Gao YT, Koh WP, Xiang YB, Tang ZZ, Fan JH, Aldrich MC, Amos C, Blot WJ, Bock CH, Gillanders EM, Harris CC, Haiman CA, Henderson BE, Kolonel LN, Le Marchand L, McNeill LH, Rybicki BA, Schwartz AG, Signorello LB, Spitz MR, Wiencke JK, Wrensch M, Wu X, Zanetti KA, Ziegler RG, Figueroa JD, Garcia-Closas M, Malats N, Marenne G, Prokunina-Olsson L, Baris D, Schwenn M, Johnson A, Landi MT, Goldin L, Consonni D, Bertazzi PA, Rotunno M, Rajaraman P, Andersson U, Beane Freeman LE, Berg CD, Buring JE, Butler MA, Carreon T, Feychting M, Ahlbom A, Gaziano JM, Giles GG, Hallmans G, Hankinson SE, Hartge P, Henriksson R, Inskip PD, Johansen C, Landgren A, McKean-Cowdin R, Michaud DS, Melin BS, Peters U, Ruder AM, Sesso HD, Severi G, Shu XO, Visvanathan K, White E, Wolk A, Zeleniuch-Jacquotte A, Zheng W, Silverman DT, Kogevinas M, Gonzalez JR, Villa O, Li D, Duell EJ, Risch HA, Olson SH, Kooperberg C, Wolpin BM, Jiao L, Hassan M, Wheeler W, Arslan AA, Bueno-de-Mesquita HB, Fuchs CS, Gallinger S, Gross MD, Holly EA, Klein AP, LaCroix A, Mandelson MT, Petersen G, Boutron-Ruault MC, Bracci PM, Canzian F, Chang K, Cotterchio M, Giovannucci EL, Goggins M, Hoffman Bolton JA, Jenab M, Khaw KT, Krogh V, Kurtz RC, McWilliams RR, Mendelsohn JB, Rabe KG, Riboli E, Tjønneland A, Tobias GS, Trichopoulos D, Elena JW, Yu H, Amundadottir L, Stolzenberg-Solomon RZ, Kraft P, Schumacher F, Stram D, Savage SA, Mirabello L, Andrulis IL, Wunder JS, Patiño García A, Sierrasesúmaga L, Barkauskas DA, Gorlick RG, Purdue M, Chow WH, Moore LE, Schwartz KL, Davis FG, Hsing AW, Berndt SI, Black A, Wentzensen N, Brinton LA, Lissowska J, Peplonska B, McGlynn KA, Cook MB, Graubard BI, **Kratz CP**, Greene MH, Erickson RL, Hunter DJ, Thomas G, Hoover RN, Real FX, Fraumeni JF Jr, Caporaso NE, Tucker M, Rothman N, Pérez-Jurado LA, Chanock SJ. Detectable clonal mosaicism and its relationship to aging and cancer. *Nat Genet* 2012;44:651-658. 38,333
  64. Mirabello L, **Kratz CP**, Savage SA, Greene MH. Promoter methylation of candidate genes associated with familial testicular cancer. *Int J Mol Epidemiol Genet* 2012;3:213-227. 2,350
  65. Gu F, Pfeiffer RM, Bhattacharjee S, Han SS, Taylor PR, Berndt S, Yang H, Sigurdson AJ, Toro J, Mirabello L, Greene MH, Freedman ND, Abnet CC, Dawsey SM, Hu N, Qiao YL, Ding T, Brenner AV, Garcia-Closas M, Hayes R, Brinton LA, Lissowska J, Wentzensen N, **Kratz C**, Moore LE, Ziegler RG, Chow WH, Savage SA, Burdette L, Yeager M, Chanock SJ, Chatterjee N, Tucker MA, Goldstein AM, Yang XR. Common genetic variants in the 9p21

- region and their associations with multiple tumours. *Br J Cancer* 2013;108:1378-1386.
66. Azevedo MF, Horvath A, Bornstein ER, Almeida MQ, Xekouki P, Faucz FR, Gourgari E, Nadella K, Remmers EF, Quezado M, de Alexandre RB, **Kratz CP**, Nesterova M, Greene MH, Stratakis CA. Cyclic AMP and c-KIT signaling in familial testicular germ cell tumor predisposition. *J Clin Endocrinol Metab* 2013;98:E1393-1400. 5,605
  67. Fargo JH, **Kratz CP**, Giri N, Savage SA, Wong C, Backer K, Alter BP, Glader B. Erythrocyte adenosine deaminase: diagnostic value for Diamond-Blackfan anaemia. *Br J Haematol* 2013;160:547-554. 5,518
  68. Mueller CM, Korde LA, McMaster ML, Peters JA, Bratslavsky G, Watkins RJ, Ling A, **Kratz CP**, Wulfsberg EA, Rosenberg PS, Greene MH. Familial testicular germ cell tumor: no associated syndromic pattern identified. *Hered Cancer Clin Pract* 2014;12:3. 0,839
  69. Germeshausen M, Deerberg S, Peter Y, Reimer C, **Kratz CP**, Ballmaier M. The spectrum of ELANE mutations and their implications in severe congenital and cyclic neutropenia. *Hum Mutat.* 2013;34:905-914. 5,359
  70. Wang Z, Zhu B, Zhang M, Parikh H, Jia J, Chung CC, Sampson JN, Hoskins JW, Hutchinson A, Burdette L, Ibrahim A, Hautman C, Raj PS, Abnet CC, Adjei AA, Ahlbom A, Albanes D, Allen NE, Ambrosone CB, Aldrich M, Amiano P, Amos C, Andersson U, Andriole G Jr, Andrulis IL, Arici C, Arslan AA, Austin MA, Baris D, Barkauskas DA, Bassig BA, Beane Freeman LE, Berg CD, Berndt SI, Bertazzi PA, Biritwum RB, Black A, Blot W, Boeing H, Boffetta P, Bolton K, Boutron-Ruault MC, Bracci PM, Brennan P, Brinton LA, Brotzman M, Bueno-de-Mesquita HB, Buring JE, Butler MA, Cai Q, Cancel-Tassin G, Canzian F, Cao G, Caporaso NE, Carrato A, Carreon T, Carta A, Chang GC, Chang IS, Chang-Claude J, Che X, Chen CJ, Chen CY, Chen CH, Chen C, Chen KY, Chen YM, Chokkalingam AP, Chu LW, Clavel-Chapelon F, Colditz GA, Colt JS, Conti D, Cook MB, Cortessis VK, Crawford ED, Cussenot O, Davis FG, De Vivo I, Deng X, Ding T, Dinney CP, Di Stefano AL, Diver WR, Duell EJ, Elena JW, Fan JH, Feigelson HS, Feychting M, Figueroa JD, Flanagan AM, Fraumeni JF Jr, Freedman ND, Fridley BL, Fuchs CS, Gago-Dominguez M, Gallinger S, Gao YT, Gapstur SM, Garcia-Closas M, Garcia-Closas R, Gastier-Foster JM, Gaziano JM, Gerhard DS, Giffen CA, Giles GG, Gillanders EM, Giovannucci EL, Goggins M, Gokgoz N, Goldstein AM, Gonzalez C, Gorlick R, Greene MH, Gross M, Grossman HB, Grubb R 3rd, Gu J, Guan P, Haiman CA, Hallmans G, Hankinson SE, Harris CC, Hartge P, Hattinger C, Hayes RB, He Q, Helman L, Henderson BE, Henriksson R, Hoffman-Bolton J, Hohensee C, Holly EA, Hong YC, Hoover RN, Hosgood HD 3rd, Hsiao CF, Hsing AW, Hsiung CA, Hu N, Hu W, Hu Z, Huang MS, Hunter DJ, Inskip PD, Ito H, Jacobs EJ, Jacobs KB, Jenab M, Ji BT, Johansen C, Johansson M, Johnson A, Kaaks R, Kamat AM, Kamineni A, Karagas M, Khanna C, Khaw KT, Kim C, Kim IS, Kim JH, Kim YH, Kim YC, Kim YT, Kang CH, Jung YJ, Kitahara CM, Klein AP, Klein R, Kogevinas M, Koh WP, Kohno T, Kolonel LN, Kooperberg C, **Kratz CP**, Krogh V, Kunitoh H, Kurtz RC, Kurucu N, Lan Q, Lathrop M, Lau CC, Lecanda F, Lee KM, Lee MP, Le Marchand L, Lerner SP, Li D, Liao LM, Lim WY, Lin D, Lin J, Lindstrom S, Linet MS, Lissowska J, Liu J, Ljungberg B, Lloreta J, Lu D, Ma J, Malats N, Mannisto S, Marina N, Mastrangelo G, Matsuo K, McGlynn KA, McKean-Cowdin R, McNeill LH, McWilliams RR, Melin BS, Meltzer PS, Mensah JE, Miao X, Michaud DS, Mondul AM, Moore LE, Muir K, Niwa S, Olson SH, Orr N, Panico S, Park JY, Patel AV, Patino-Garcia A, Pavanello S, Peeters PH, Peplonska B, Peters U, Petersen GM, Picci P, Pike MC, Porru S, Prescott J, Pu X, Purdue MP, Qiao YL, Rajaraman P, Riboli E, Risch HA, Rodabough RJ, Rothman N, Ruder AM, Ryu JS, Sanson M, Schned A, Schumacher FR, Schwartz AG, Schwartz KL, 5,100

- Schwenn M, Scotlandi K, Seow A, Serra C, Serra M, Sesso HD, Severi G, Shen H, Shen M, Shete S, Shiraishi K, Shu XO, Siddiq A, Sierrasesumaga L, Sierrri S, Loon Sihoe AD, Silverman DT, Simon M, Southey MC, Spector L, Spitz M, Stampfer M, Stattin P, Stern MC, Stevens VL, Stolzenberg-Solomon RZ, Stram DO, Strom SS, Su WC, Sund M, Sung SW, Swerdlow A, Tan W, Tanaka H, Tang W, Tang ZZ, Tardon A, Tay E, Taylor PR, Tettey Y, Thomas DM, Tirabosco R, Tjonneland A, Tobias GS, Toro JR, Travis RC, Trichopoulos D, Troisi R, Truelove A, Tsai YH, Tucker MA, Tumino R, Van Den Berg D, Van Den Eeden SK, Vermeulen R, Vineis P, Visvanathan K, Vogel U, Wang C, Wang C, Wang J, Wang SS, Weiderpass E, Weinstein SJ, Wentzensen N, Wheeler W, White E, Wiencke JK, Wolk A, Wolpin BM, Wong MP, Wrensch M, Wu C, Wu T, Wu X, Wu YL, Wunder JS, Xiang YB, Xu J, Yang HP, Yang PC, Yatabe Y, Ye Y, Yeboah ED, Yin Z, Ying C, Yu CJ, Yu K, Yuan JM, Zanetti KA, Zeleniuch-Jacquotte A, Zheng W, Zhou B, Mirabello L, Savage SA, Kraft P, Chanock SJ, Yeager M, Landi MT, Shi J, Chatterjee N, Amundadottir LT. Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. *Hum Mol Genet.* 2014;23:6616-6633.
71. Beier R, Maecker-Kolhoff B, Sykora KW, Chao M, **Kratz C**, Sauer MG. 3,570  
Minimal antileukaemic treatment followed by reduced-intensity conditioning in three consecutive children with Fanconi anaemia and AML. *Bone Marrow Transplant* 2015;50:463-464.
72. Chao MM, Kuehl JS, Strauss G, Hanenberg H, Schindler D, Neitzel H, 2,904  
Niemeyer C, Baumann I, von Bernuth H, Rascon J, Nagy M, Zimmermann M, **Kratz CP**, Ebell W. Outcomes of mismatched and unrelated donor hematopoietic stem cell transplantation in Fanconi anemia conditioned with chemotherapy only. *Ann Hematol.* 2015;94:1311-1318.
73. Fischer U, Forster M, Rinaldi A, Risch T, Sungalee S, Warnatz HJ, 38,333  
Bornhauser B, Gombert M, Kratsch C, Stütz AM, Sultan M, Tchinda J, Worth CL, Amstislavskiy V, Badarinarayan 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, Ginzler 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 Nv, Vora A, Zaliouva 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;47:1020-1029.
74. Weber ML, Schneider DT, Offenmüller S, Kaatsch P, Einsiedel HG, Benesch 3,167  
M, Claviez A, Ebinger M, Kramm C, **Kratz C**, Lawlor J, Leuschner I, Merkel S, Metzler M, Nustede R, Petsch S, Seeger KH, Schlegel PG, Suttorp M, Zolk O, Brecht IB. Pediatric Colorectal Carcinoma is Associated With Excellent Outcome in the Context of Cancer Predisposition Syndromes. *Pediatr Blood Cancer.* 2016;63:611-617.
75. Paustian L, Chao MM, Hanenberg H, Schindler D, Neitzel H, **Kratz CP**, Ebell 1,076  
W. Androgen therapy in Fanconi anemia: A retrospective analysis of 30 years in Germany. *Pediatr Hematol Oncol.* 2016;33:5-12.
76. Cavé H, Caye A, Strullu M, Aladjidi N, Vignal C, Ferster A, Méchinaud F, 4,349  
Domenech C, Pierri F, Contet A, Cacheux V, Irving J, **Kratz C**, Clavel J, Verloes A. Acute lymphoblastic leukemia in the context of RASopathies. *Eur J Med Genet.* 2016;59:173-178.



77. Vogt J, Wernstedt A, Ripperger T, Pabst B, Zschocke J, **Kratz C**, Wimmer K. PMS2 inactivation by a complex rearrangement involving an HERV retroelement and the inverted 100-kb duplicon on 7p22.1. *Eur J Hum Genet.* 2016 Nov;24(11):1598-1604. 4,349
78. Hinze L, Möricke A, Zimmermann M, Junk S, Cario G, Dagdan E, **Kratz CP**, Conter V, Schrappe M, Stanulla M. Prognostic impact of IKZF1 deletions in association with vincristine-dexamethasone pulses during maintenance treatment of childhood acute lymphoblastic leukemia on trial ALL-BFM 95. *Leukemia.* 2017;31(8):1840-1842. 8,665
79. Campbell BB, Light N, Fabrizio D, Zatzman M, F Fuligni, de Borja R, Davidson S, Edwards M, Elvin J, Hodel KP, W Zahurancik J, Suo Z, Lipman T, Wimmer K, **Kratz CP**, DC Bowers, Laetsch TW, Dunn GP, Tanner J, Grimmer MR, Smirnov I, Larouche V, Samuel D, Bronsema A, Osborn M, Stearns D, Raman P, Cole KA, Storm PB, Oren M, Opocher E, Mason G, Thomas GA, Sabel M, George B, Ziegler DS, Lindhorst S, V Issai M, Constantini S, Toledano H, Elhasid R, Farah R, Dvir R, Dirks P, Huang A, Galati M, Chung B, Ramaswamy V, Irwin MS, Aronson M, Durno C, Taylor MD, Rechavi G, Maris JM, Bouffet E, Hawkins C, Costello JF, Meyn MS, Pursell ZF, Malkin D, Tabori U, Shlien A. The signatures and timing of hypermutation elucidates somatic and germline drivers in cancer. *Cell.* 2017;171(5):1042-1056.e10. 38,637
80. Chao MM, Thomay K, Göhring G, Wlodarski MW, Pastor V, Schlegelberger B, Schindler D, **Kratz CP**, Niemeyer CM. Mutational spectrum of Fanconi anemia associated myeloid neoplasms. *Klin Padiatr.* 2017;229(6):329-334. 1,349
81. Stanulla M, Dagdan E, Zaliova M, Möricke A, Palmi C, Cazzaniga G, Eckert C, Te Kronnie G, Bourquin JP, Bornhauser B, Koehler R, Bartram CR, Ludwig WD, Bleckmann K, Groeneveld-Krentz S, Schewe D, Junk SV, Hinze L, Klein N, **Kratz CP**, Biondi A, Borkhardt A, Kulozik A, Muckenthaler MU, Basso G, Valsecchi MG, Izraeli S, Petersen BS, Franke A, Dörge P, Steinemann D, Haas OA, Panzer-Grümayer R, Cavé H, Houlston RS, Cario G, Schrappe M, Zimmermann M; TRANSCALL Consortium; International BFM Study Group. IKZF1plus Defines a New Minimal Residual Disease-Dependent Very-Poor Prognostic Profile in Pediatric B-Cell Precursor Acute Lymphoblastic Leukemia. *J Clin Oncol.* 2018;36(12):1240-1249. 44,8
82. Gröbner SN, Worst BC, Weischenfeldt J, Buchhalter I, Kleinheinz K, Rudneva VA, Johann PD, Balasubramanian GP, Segura-Wang M, Brabetz S, Bender S, Hutter B, Sturm D, Pfaff E, Hübschmann D, Zipprich G, Heinold M, Eils J, Lawerenz C, Erkek S, Lambo S, Waszak S, Blattmann C, Borkhardt A, Kuhlen M, Eggert A, Fulda S, Gessler M, Wegert J, Kappler R, Baumhoer D, Burdach S, Kirschner-Schwabe R, Kontny U, Kulozik AE, Lohmann D, Hettmer S, Eckert C, Bielack S, Nathrath M, Niemeyer C, Richter GH, Schulte J, Siebert R, Westermann F, Molenaar JJ, Vassal G, Witt H; ICGC PedBrain-Seq Project; ICGC MML-Seq Project, Burkhardt B, **Kratz CP**, Witt O, van Tilburg CM, Kramm CM, Fleischhack G, Dirksen U, Rutkowski S, Frühwald M, von Hoff K, Wolf S, Klingebiel T, Koscielniak E, Landgraf P, Koster J, Resnick AC, Zhang J, Liu Y, Zhou X, Waanders AJ, Zwijnenburg DA, Raman P, Brors B, Weber UD, Northcott PA, Pajtler KW, Kool M, Piro RM, Korbelt JO, Schlesner M, Eils R, Jones DTW, Lichter P, Chavez L, Zapatka M, Pfister SM. The landscape of genomic alterations across childhood cancers. *Nature.* 2018 Mar 15;555(7696):321-327. 42,778
83. Waszak SM, Northcott PA, Buchhalter I, Robinson GW, Sutter C, Groebner S, Grund KB, Brugières L, Jones DTW, Pajtler KW, Morrissy AS, Kool M, Sturm D, Chavez L, Ernst A, Brabetz S, Hain M, Zichner T, Segura-Wang M, Weischenfeldt J, Rausch T, Mardin BR, Zhou X, Baciu C, Lawerenz C, Chan JA, Varlet P, Guerrini-Rousseau L, Fults DW, Grajkowska W, Hauser P, Jabado N, Ra YS, Zitterbart K, Shringarpure SS, De La Vega FM, 33,752

- Bustamante CD, Ng HK, Perry A, MacDonald TJ, Hernáiz Driever P, Bendel AE, Bowers DC, McCowage G, Chintagumpala MM, Cohn R, Hassall T, Fleischhack G, Eggen T, Wesenberg F, Feychting M, Lannering B, Schüz J, Johansen C, Andersen TV, Rööslí M, Kuehni CE, Grotzer M, Kjaerheim K, Monoranu CM, Archer TC, Duke E, Pomeroy SL, Shelagh R, Frank S, Sumerauer D, Scheurlen W, Ryzhova MV, Milde T, **Kratz CP**, Samuel D, Zhang J, Solomon DA, Marra M, Eils R, Bartram CR, von Hoff K, Rutkowski S, Ramaswamy V, Gilbertson RJ, Korshunov A, Taylor MD, Lichter P, Malkin D, Gajjar A, Korbel JO, Pfister SM. Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. *Lancet Oncol.* 2018;19(6):785-798.
84. Gallon R, Mühlegger B, Wenzel SS, Sheth H, Hayes C, Aretz S, Dahan K, Foulkes W, **Kratz CP**, Ripperger T, Azizi AA, Baris Feldman H, Chong AL, Demirsoy U, Florkin B, Imschweiler T, Januszkiewicz-Lewandowska D, Lobitz S, Nathrath M, Pander HJ, Perez-Alonso V, Perne C, Ragab I, Rosenbaum T, Rueda D, Seidel MG, Suerink M, Taeubner J, Zimmermann SY, Zschocke J, Borthwick GM, Burn J, Jackson MS, Santibanez-Koref M, Wimmer K. A sensitive and scalable microsatellite instability assay to diagnose constitutional mismatch repair deficiency by sequencing of peripheral blood leukocytes. *Hum Mutat.* 2019;40:649-655. 5,359
85. Stewart DR, Best AF, Williams GM, Harney LA, Carr AG, Harris AK, **Kratz CP**, Dehner LP, Messinger YH, Rosenberg PS, Hill DA, Schultz KAP. Neoplasm Risk Among Individuals With a Pathogenic Germline Variant in DICER1. *J Clin Oncol.* 2019;37:668-676. 44,8
86. Junk SV, Klein N, Schreek S, Zimmermann M, Mörícke A, Bleckmann K, Alten J, Dagdan E, Cario G, **Kratz CP**, Schrappe M, Stanulla M. TP53, ETV6 and RUNX1 germline variants in a case series of patients developing secondary neoplasms after treatment for childhood acute lymphoblastic leukemia. *Haematologica.* 2019;104:e402-e405. 9,941
87. Ghasemi DR, Sill M, Okonechnikov K, Korshunov A, Yip S, Schutz PW, Scheie D, Kruse A, Harter PN, Kastelan M, Wagner M, Hartmann C, Benzell J, Maass KK, Khasraw M, Sträter R, Thomas C, Paulus W, **Kratz CP**, Witt H, Kawachi D, Herold-Mende C, Sahm F, Brandner S, Kool M, Jones DTW, von Deimling A, Pfister SM, Reuss DE, Pajtler KW. MYCN amplification drives an aggressive form of spinal ependymoma. *Acta Neuropathol.* 2019;138:1075-1089. 18,174
88. González-Acosta M, Marín F, Puliafito B, Bonifaci N, Fernández A, Navarro M, Salvador H, Balaguer F, Iglesias S, Velasco A, Grau Garces E, Moreno V, Gonzalez-Granado LI, Guerra-García P, Ayala R, Florkin B, **Kratz C**, Ripperger T, Rosenbaum T, Januszkiewicz-Lewandowska D, Azizi AA, Ragab I, Nathrath M, Pander HJ, Lobitz S, Suerink M, Dahan K, Imschweiler T, Demirsoy U, Brunet J, Lázaro C, Rueda D, Wimmer K, Capellá G, Pineda M. High-sensitivity microsatellite instability assessment for the detection of mismatch repair defects in normal tissue of biallelic germline mismatch repair mutation carriers. *J Med Genet.* 2020;57:269-273. 4,943
89. 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, Schilling FH, 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. *Ann Oncol.* 2020;31(3):422-429. 2,904
90. Roick J, Berner R, Bernig T, Erdlenbruch B, Escherich G, Faber J, Klein C, Bochennek K, **Kratz C**, Kühr J, Längler A, Lode HN, Metzler M, Müller H, Reinhardt D, Sauerbrey A, Schepper F, Scheurlen W, Schneider D, 2,110

- Schwabe GC, Richter M. Social inequalities in the participation and activity of children and adolescents with leukemia, brain tumors, and sarcomas (SUPATEEN): a protocol for a multicenter longitudinal prospective observational study. *BMC Pediatr.* 2020;31:20:48.
91. Mai PL, Sand SR, Saha N, Oberti M, Dolafi T, DiGianni L, Root EJ, Kong X, Bremer RC, Santiago KM, Bojadzieva J, Barley D, Novokmet A, Ketchum KA, Nguyen N, Jacob S, Nichols KE, **Kratz CP**, Schiffman JD, Evans DG, Achatz MI, Strong LC, Garber JE, Ladwa SA, Malkin D, Weitzel JN. Li-Fraumeni Exploration Consortium Data Coordinating Center: Building an Interactive Web-based Resource for Collaborative International Cancer Epidemiology Research for a Rare Condition. *Cancer Epidemiol Biomarkers Prev.* 2020;29:927-935. 5,057
  92. Calaminus G, Schneider DT, von Schweinitz D, Jürgens H, Infed N, Schönberger S, Olson TA, Albers P, Vokuhl C, Stein R, Looijenga L, Sehoul J, Metzelder M, Claviez A, Dworzak M, Eggert A, Fröhlich B, Gerber NU, **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. *Cancers (Basel).* 2020 Mar 6;12(3):611. doi: 10.3390/cancers12030611. 5,326
  93. Rippinger N, Fischer C, Haun MW, Rhiem K, Grill S, Kiechle M, Cremer FW, Kast K, Nguyen HP, Ditsch N, **Kratz CP**, Vogel J, Speiser D, Hettmer S, Glimm H, Fröhling S, Jäger D, Seitz S, Hahne A, Maatouk I, Sutter C, Schmutzler RK, Dikow N, Schott S. Cancer surveillance and distress among adult pathogenic TP53 germline variant carriers in Germany: A multicenter feasibility and acceptance survey. *Cancer.* 2020;126:4032-4041. 5,742
  94. Himes RW, Chiou EH, Queliza K, Shouval DS, Somech R, Agarwal S, Jajoo K, Ziegler DS, **Kratz CP**, Huang J, Lucas TL, Myers KC, Nelson AS, DiNardo CD, Alter BP, Giri N, Khincha PP, McReynolds LJ, Dufour C, Pierri F, Goldman FD, Sherif Y, Savage SA, Miloh T, Bertuch AA. Gastrointestinal Hemorrhage: A Manifestation of the Telomere Biology Disorders. *J Pediatr.* 2020 Sep 21:S0022-3476(20)31171-9. doi: 10.1016/j.jpeds.2020.09.038. Online ahead of print. 3,890
  95. Frankiewicz A, Peczynski C, Giebel S, Harrington A, Socié G, Niederwieser D, Scheid C, Bornhäuser M, Kröger N, Elmaagacli A, Afanasyev B, Dreger P, Rössig C, Blaise D, **Kratz C**, Yakoub-Agha I, Kremens B, Niemeyer CM, Wulf G, Blau I, Penack O, Greinix H, Basak GW. Association of Country-Specific Socioeconomic Factors With Survival of Patients Who Experience Severe Classic Acute Graft-vs.-Host Disease After Allogeneic Hematopoietic Cell Transplantation. An Analysis From the Transplant Complications Working Party of the EBMT. *Front Immunol.* 2020 Jul 23;11:1537. doi: 10.3389/fimmu.2020.01537. eCollection 2020. 5,085
  96. Suwala AK, Stichel D, Schrimpf D, Kloor M, Wefers AK, Reinhardt A, Maas SLN, **Kratz CP**, Schweizer L, Hasselblatt M, Snuderl M, Abedalthagafi MSJ, Abdullaev Z, Monoranu CM, Bergmann M, Pekrun A, Freyschlag C, Aronica E, Kramm CM, Hinz F, Sievers P, Korshunov A, Kool M, Pfister SM, Sturm D, Jones DTW, Wick W, Unterberg A, Hartmann C, Dodgshun A, Tabori U, Wesseling P, Sahm F, von Deimling A, Reuss DE. Primary mismatch repair deficient IDH-mutant astrocytoma (PMMRDIA) is a distinct type with a poor prognosis. *Acta Neuropathol.* 2020 Nov 20. doi: 10.1007/s00401-020-02243-6. Online ahead of print. 18,174
  97. Stanulla M, Schaeffeler E, Möricke A, Buchmann S, Zimmermann M, Igel S, Schmiegelow K, Flotho C, Hartmann H, Illsinger S, Sauerbrey A, Junk SV, Schütte P, Hinze L, Lauten M, Modlich S, Kolb R, Rössig C, Schwabe G, Gnekow AK, Fleischhack G, Schlegel PG, Schünemann HJ, **Kratz CP**, Cario G, Schrappe M, Schwab M. Hepatic sinusoidal obstruction syndrome and 8,665

- short-term application of 6-thioguanine in pediatric acute lymphoblastic leukemia. *Leukemia*. 2021;35(9):2650-2657.
98. Reschke M, Biewald E, Bronstein L, Brecht IB, Dittner-Moormann S, Driever F, Ebinger M, Fleischhack G, Grabow D, Geismar D, Göricke S, Guberina M, Le Guin CHD, Kiefer T, **Kratz CP**, Metz K, Müller B, Ryl T, Schlamann M, Schlüter S, Schönberger S, Schulte JH, Sirin S, Süsskind D, Timmermann B, Ting S, Wackernagel W, Wieland R, Zenker M, Zeschnigk M, Reinhardt D, Eggert A, Ritter-Sovinz P, Lohmann DR, Bornfeld N, Bechrakis N, Ketteler P. Eye Tumors in Childhood as First Sign of Tumor Predisposition Syndromes: Insights from an Observational Study Conducted in Germany and Austria. *Cancers (Basel)*. 2021 14;13(8):1876. 6,126
  99. Durno C, Ercan AB, Bianchi V, Edwards M, Aronson M, Galati M, Atenafu EG, Abebe-Campino G, Al-Battashi A, Alharbi M, Azad VF, Baris HN, Basel D, Bedgood R, Bendel A, Ben-Shachar S, Blumenthal DT, Blundell M, Bornhorst M, Bronsema A, Cairney E, Rhode S, Caspi S, Chamdin A, Chiaravalli S, Constantini S, Crooks B, Das A, Dvir R, Farah R, Foulkes WD, Frenkel Z, Gallinger B, Gardner S, Gass D, Ghalibafian M, Gilpin C, Goldberg Y, Goudie C, Hamid SA, Hampel H, Hansford JR, Harlos C, Hijiya N, Hsu S, Kamihara J, Kebudi R, Knipstein J, Koschmann C, **Kratz C**, Larouche V, Lassaletta A, Lindhorst S, Ling SC, Link MP, Loret De Mola R, Luiten R, Lurye M, Maciaszek JL, MagimairajanIssai V, Maher OM, Massimino M, McGee RB, Mushtaq N, Mason G, Newmark M, Nicholas G, Nichols KE, Nicolaidis T, Opocher E, Osborn M, Oshrine B, Pearlman R, Pettee D, Rapp J, Rashid M, Reddy A, Reichman L, Remke M, Robbins G, Roy S, Sabel M, Samuel D, Scheers I, Schneider KW, Sen S, Stearns D, Sumerauer D, Swallow C, Taylor L, Thomas G, Toledano H, Tomboc P, Van Damme A, Winer I, Yalon M, Yen LY, Zapotocky M, Zelcer S, Ziegler DS, Zimmermann S, Hawkins C, Malkin D, Bouffet E, Villani A, Tabori U. Survival Benefit for Individuals With Constitutional Mismatch Repair Deficiency Undergoing Surveillance. *J Clin Oncol*. 2021;39(25):2779-2790. 44,8
  100. Venger K, Elbracht M, Carlens J, Deutz P, Zeppernick F, Lassay L, **Kratz C**, Zenker M, Kim J, Stewart DR, Wieland I, Schultz KAP, Schwerk N, Kurth I, Kontny U. Unusual phenotypes in patients with a pathogenic germline variant in DICER1. *Fam Cancer*. 2021 Jul 31. doi: 10.1007/s10689-021-00271-z. Epub ahead of print. PMID: 34331184. 2,375
  101. Rippinger N, Fischer C, Sinn HP, Dikow N, Sutter C, Rhiem K, Grill S, Cremer FW, Nguyen HP, Ditsch N, Kast K, Hettmer S, **Kratz CP**, Schott S. Breast cancer characteristics and surgery among women with Li-Fraumeni syndrome in Germany-A retrospective cohort study. *Cancer Med*. 2021;10(21):7747-7758. 4,452
  102. Bartram T, Schütte P, Möricke A, Houlston RS, Ellinghaus E, Zimmermann M, Bergmann A, Löscher BS, Klein N, Hinze L, Junk SV, Forster M, Bartram CR, Köhler R, Franke A, Schrappe M, **Kratz CP**, Cario G, Stanulla M. Genetic Variation in ABCC4 and CFTR and Acute Pancreatitis during Treatment of Pediatric Acute Lymphoblastic Leukemia. *J Clin Med*. 2021 Oct 20;10(21):4815. doi: 10.3390/jcm10214815. PMID: 34768335. 5,583
  103. Hasselblatt M, Thomas C, Federico A, Nemes K, Johann PD, Bison B, Bens S, Dahlum S, Kordes U, Redlich A, Lessel L, Pajtler KW, Mawrin C, Schüller U, Nolte K, Kramm CM, Hinz F, Sahm F, Giannini C, Penkert J, **Kratz CP**, Pfister SM, Siebert R, Paulus W, Kool M, Frühwald MC. SMARCB1-deficient and SMARCA4-deficient Malignant Brain Tumors With Complex Copy Number Alterations and TP53 Mutations May Represent the First Clinical Manifestation of Li-Fraumeni Syndrome. *Am J Surg Pathol*. 2022 Sep 1;46(9):1277-1283. 6,394
  104. Bielack SS, Blattmann C, Borkhardt A, Csóka M, Hassenpflug W, Kabíčková E, Kager L, Kessler T, **Kratz C**, Kühne T, Kevric M, Lehrnbecher 9,162

- T, Mayer-Steinacker R, Mettmann V, Metzler M, Reichardt P, Rossig C, Sorg B, von Luettichau I, Windhager R, Hecker-Nolting S. Osteosarcoma and causes of death: A report of 1520 deceased patients from the Cooperative Osteosarcoma Study Group (COSS). *Eur J Cancer*. 2022 Sep 30;176:50-57. doi: 10.1016/j.ejca.2022.09.007. Epub ahead of print. PMID: 36191386.
105. Nees J, Kiermeier S, Struwe F, Keymling M, Maatouk I, **Kratz CP**, Schott S. Health Behavior and Cancer Prevention among Adults with Li-Fraumeni Syndrome and Relatives in Germany-A Cohort Description. *Curr Oncol*. 2022 Oct 15;29(10):7768-7778. doi: 10.3390/curroncol29100614. PMID: 36290891; PMCID: PMC9600238. 2,048
106. Bögershausen N, Krawczyk HE, Jamra RA, Lin SJ, Yigit G, Hüning I, Polo AM, Vona B, Huang K, Schmidt J, Altmüller J, Luppe J, Platzter K, Dörgeloh BB, Busche A, Biskup S, Mendes MI, Smith DEC, Salomons GS, Zibat A, Bültmann E, Nürnberg P, Spielmann M, Lemke JR, Li Y, Zenker M, Varshney GK, Hillen HS, **Kratz CP**, Wollnik B. WARS1 and SARS1: two tRNA synthetases implicated in autosomal recessive microcephaly. *Hum Mutat*. 2022 Jul 5. doi: 10.1002/humu.24430. Epub ahead of print. PMID: 35790048. 4,878
107. Guerrini-Rousseau L, Masliah-Planchon J, Waszak SM, Alhopuro P, Benusiglio PR, Bourdeaut F, Brecht IB, Del Baldo G, Dhanda SK, Garrè ML, Gidding CEM, Hirsch S, Hoarau P, Jorgensen M, **Kratz C**, Lafay-Cousin L, Mastronuzzi A, Pastorino L, Pfister SM, Schroeder C, Smith MJ, Vahteristo P, Vibert R, Vilain C, Waespe N, Winship IM, Evans DG, Brugieres L. Cancer risk and tumour spectrum in 172 patients with a germline SUFU pathogenic variation: a collaborative study of the SIOPE Host Genome Working Group. *J Med Genet*. 2022 Jun 29;jmedgenet-2021-108385. doi: 10.1136/jmedgenet-2021-108385. Epub ahead of print. PMID: 35768194. 6,316
108. Gallon R, Phelps R, Hayes C, Brugieres L, Guerrini-Rousseau L, Colas C, Muleris M, Ryan NAJ, Evans DG, Grice H, Jessop E, Kunzemann-Martinez A, Marshall L, Schamschula E, Oberhuber K, Azizi AA, Feldman HB, Beilken A, Brauer N, Brozou T, Dahan K, Demirsoy U, Florkin B, Foulkes W, Januszkiewicz-Lewandowska D, Jones KJ, **Kratz CP**, Lobitz S, Meade J, Nathrath M, Pander HJ, Perne C, Ragab I, Ripperger T, Rosenbaum T, Rueda D, Sarosiek T, Sehested A, Spier I, Suerink M, Zimmermann SY, Zschocke J, Borthwick GM, Wimmer K, Burn J, Jackson MS, Santibanez-Koref M. Constitutional microsatellite instability, genotype, and phenotype correlations in Constitutional Mismatch Repair Deficiency. *Gastroenterology*. 2022 Dec 28:S0016-5085(22)01444-5. doi: 10.1053/j.gastro.2022.12.017. Epub ahead of print. PMID: 36586540. 22.68
109. Junk SV, Schaeffeler E, Zimmermann M, Möricke A, Beier R, Schütte P, Fedders B, Alten J, Hinze L, Klein N, Kulozik A, Muckenthaler MU, Koehler R, Borkhardt A, Vijayakrishnan J, Ellinghaus D, Forster M, Franke A, Wintering A, **Kratz CP**, Schrappe M, Schwab M, Houlston RS, Cario G, Stanulla M. Chemotherapy-related hyperbilirubinemia in pediatric acute lymphoblastic leukemia: a genome-wide association study from the AIEOP-BFM ALL study group. *J Exp Clin Cancer Res*. 2023 Jan 13;42(1):21. doi: 10.1186/s13046-022-02585-x. PMID: 36639636; PMCID: PMC9838013. 12,658
110. Abele M, Grabner L, Blessing T, Block A, Agaimy A, **Kratz C**, Simon T, Calaminus G, Heine S, Corbacioglu S, Christiansen H, Schneider DT, Brecht IB. Epidemiology and Characteristics of Gastric Carcinoma in Childhood-An Analysis of Data from Population-Based and Clinical Cancer Registries. *Cancers (Basel)*. 2023 Jan 3;15(1):317. doi: 10.3390/cancers15010317. PMID: 36612313; PMCID: PMC9818931. 6,639
111. Heinz AT, Ebinger M, Schönstein A, Fuchs J, Timmermann B, Seitz G, Vokuhl C, Münter MW, Pajtler KW, Stegmaier S, von Kalle T, Kratz CP, Rößler J, Ljungman G, Klingebiel T, Koscielniak E, Sparber-Sauer M; 3,838

Cooperative Weichteilsarkom Studiengruppe (CWS). Second-line treatment of pediatric patients with relapsed rhabdomyosarcoma adapted to initial risk stratification: Data of the European Soft Tissue Sarcoma Registry (SoTiSaR). *Pediatr Blood Cancer*. 2023 Apr 17:e30363. doi: 10.1002/pbc.30363. Epub ahead of print. PMID: 37066598.

112. Kolodziejczak AS, Guerrini-Rousseau L, Planchon JM, Ecker J, Selt F, Mynarek M, Obrecht D, Sill M, Autry RJ, Zhao E, Hirsch S, Amouyal E, Dufour C, Ayrault O, Torrejon J, Waszak SM, Ramaswamy V, Pentikainen V, Demir HA, Clifford SC, Schwalbe EC, Massimi L, Snuderl M, Galbraith K, Karajannis MA, Hill K, Li BK, Walsh M, White CL, Redmond S, Loizos L, Jakob M, Kordes UR, Schmid I, Hauer J, Blattmann C, Filippidou M, Piccolo G, Scheurlen W, Farrag A, Grund K, Sutter C, Pietsch T, Frank S, Schewe DM, Malkin D, Ben-Arush M, Sehested A, Wong TT, Wu KS, Liu YL, Carceller F, Mueller S, Stoller S, Taylor MD, Tabori U, Bouffet E, Kool M, Sahm F, von Deimling A, Korshunov A, von Hoff K, **Kratz CP**, Sturm D, Jones DTW, Rutkowski S, van Tilburg CM, Witt O, Bougeard G, Pajtler KW, Pfister SM, Bourdeaut F, Milde T. Clinical outcome of pediatric medulloblastoma patients with Li-Fraumeni syndrome. *Neuro Oncol*. 2023 Jun 28:noad114. doi: 10.1093/neuonc/noad114. Epub ahead of print. PMID: 37379234. 15,9
113. Erlacher M, Andresen F, Sukova M, Stary J, De Moerloose B, Bosch J, VWT, Dworzak M, Seidel MG, Polychronopoulou S, Beier R, **Kratz CP**, Nathrath M, Frühwald MC, Göhring G, Bergmann AK, Mayerhofer C, Lebrecht D, Ramamoorthy S, Yoshimi A, Strahm B, Wlodarski MW, Niemeyer CM. Spontaneous remission and loss of monosomy 7: a window of opportunity for young children with SAMD9L syndrome. *Haematologica*. 2023 Aug 17. doi: 10.3324/haematol.2023.283591. Epub ahead of print. PMID: 37584291. 11,049
114. Pinto EM, Fridman C, Figueiredo BC, Salvador H, Teixeira MR, Pinto C, Pinheiro M, **Kratz CP**, Lavarino C, Legal EAMF, Le A, Kelly G, Koeppe E, Stoffel EM, Breen K, Hahner S, Heinze B, Techavichit P, Krause A, Ogata T, Fujisawa Y, Walsh MF, Rana HQ, Maxwell KN, Garber JE, Rodriguez-Galindo C, Ribeiro RC, Zambetti GP. Multiple TP53 p.R337H haplotypes and implications for tumor susceptibility. *HGG Adv*. 2023 Oct 3:100244. doi: 10.1016/j.xhgg.2023.100244. Epub ahead of print. PMID: 37794678. 4,4
115. Heinz AT, Schönstein A, Ebinger M, Fuchs J, Timmermann B, Seitz G, Vokuhl C, Münter M, Pajtler KW, Stegmaier S, von Kalle T, **Kratz CP**, Ljungman G, Juntti H, Klingebiel T, Koscielniak E, Sparber-Sauer M; Cooperative Weichteilsarkom Studiengruppe. Significance of fusion status, Oberlin risk factors, local and maintenance treatment in pediatric and adolescent patients with metastatic rhabdomyosarcoma: Data of the European Soft Tissue Sarcoma Registry SoTiSaR. *Pediatr Blood Cancer*. 2023 Oct 9:e30707. doi: 10.1002/pbc.30707. Epub ahead of print. PMID: 37814424. 3,838

#### Case reports first- / last author

116. **Kratz C**, Lenard HG, Ruzicka T, Gartner J. Multiple symmetric lipomatosis: an unusual cause of childhood obesity and mental retardation. *Europ J Pediatr Neurol* 2000;4:63-67. 2,496
117. **Kratz CP**, Niehues T, Lyding S, Heusch A, Janßen G, Göbel U. Evans syndrome in a patient with chromosome 22q11.2 deletion syndrome: A case report. *Pediatr Hematol Oncol* 2003;20:167-172. 1,076
118. **Kratz CP**, Schweiger B, Kemperdick H, Göbel U. Childhood multifocal skeletal non-Hodgkin's lymphoma is a differential diagnosis of battered child syndrome. *Pediatr Hematol Oncol* 2003;20:575-577. 1,076

119. **Kratz CP**, Antonietti L, Dole MG, Friebert SE, Shannon KM. Acute myeloid leukemia associated with t(8;21) or trisomy 8 in children with neurofibromatosis, type 1. *J Pediatr Hematol Oncol* 2003;25:343. 0,947
120. **Kratz CP**, Göbel U. Bild des Monats: Okulokutane Hypopigmentierung und thrombozytäre Gerinnungsstörung. *Monatsschrift Kinderheilkunde* 2005;7:683-684. 0,230
121. **Kratz CP**, Rogge T, Kopp M, Baumann I, Niemeyer CM. Myelodysplastic features in an infant with cystic fibrosis presenting with anemia, edema and failure to thrive. *Europ J Pediatr* 2005;164:56-57. 2,240
122. **Kratz CP**, Nathrath M, Freisinger P, Dressel P, Assmuss HP, Klein C, Yoshimi A, Burdach S, Niemeyer CM. Lethal Proliferation of Erythroid Precursors in a Neonate with a Germline PTPN11 Mutation. *Europ J Pediatr* 2006;165:182-185. 2,240
123. Karow A, Waller C, Reimann C, Niemeyer CM, **Kratz CP**. JAK2 mutations other than V617F: A novel mutation and mini review. *Leukemia Research* 2008;32:365-366. 2,319
124. Reimann C, **Kratz C**. Bild des Monats: Schulkind mit anhaltender Thrombozytopenie. *Monatsschr Kinderheilkd* 2008;156:1058–1060. 0,230
125. Chao MM, Todd MA, Kontny U, Neas K, MD, Sullivan MJ, MD, Hunter AG, Picketts DJ, **Kratz CP**. T-cell acute lymphoblastic leukemia in association with Börjeson-Forssman-Lehmann syndrome due to a mutation in PHF6. *Pediatric Blood and Cancer* 2010;55:722–724. 3,167
126. Chao MM, Illsinger S, Yoshimi A, Das AM, **Kratz CP**. Congenital Transcobalamin II Deficiency: A Rare Entity with a Broad Differential. *Klin Padiatr.* 2017;229(6):335-357. 1,349
127. Wimmer K, Beilken A, Nustede R, Ripperger T, Lamottke B, Ure B, Steinmann D, Reineke-Plaass T, Lehmann U, Zschocke J, Valle L, Fauth C, **Kratz CP**. A novel germline POLE mutation causes an early onset cancer prone syndrome mimicking constitutional mismatch repair deficiency. *Fam Cancer.* 2017;16(1):67-71. 2,375

#### Case report coauthor

128. Gohring G, Hanke C, **Kratz C**, Kontny U, Steinemann D, Niemeyer CM, Schlegelberger B. Fluorescence in situ hybridization using the subtelomeric 11q probe as a diagnostic tool for congenital thrombocytopenia. *Ann Hematol* 2006;85:883-885. 2,904
129. Yetgin S, Aytac S, Kalkanoglu S, Coskun T, Ortmann C, **Kratz C**, Niemeyer C. Biotinidase deficiency and juvenile myelomonocytic leukemia in a Turkish infant of consanguineous parents. *Pediatr Hematol Oncol* 2007;24:453-455. 0,947
130. Janzarik W, **Kratz C**, Loges N, Olbrich H, Klein C, Schaefer T, Scheurlen W, Roggendorf W, Weiller C, Niemeyer C, et al. Further evidence for a somatic KRAS Mutation in a pilocytic Astrocytoma. *Neuropediatrics* 2007;38:61-63. 1,549
131. Walter KN, **Kratz C**, Uhl M, Niemeyer C. Chemotherapy as a therapeutic option for congenital neuroblastoma complicated by paraplegia. *Klin Padiatr* 2008;220:175-177. 1,349
132. Laux D, **Kratz C**, Sauerbrey A. Common acute lymphoblastic leukemia in a girl with genetically confirmed LEOPARD syndrome. *J Pediatr Hematol Oncol* 2008;30:602-604. 0,947
133. Brunkhorst L, Franke D, Kirschstein M, **Kratz CP**, Das AM. Hepatomegalie mit fokalen Läsionen und Nephromegalie bei einem Kleinkind: Initialsymptome einer Typ-I-Tyrosinämie. *Monatsschr Kinderheilkd.* 2015;163(11):1156-1159. 0,230
134. Beier R, Sykora KW, Woessmann W, Maecker-Kolhoff B, Sauer M, Kreipe HH, Dörk-Bousset T, **Kratz C**, Lauten M. Allogeneic-matched sibling stem cell transplantation in a 13-year-old boy with ataxia telangiectasia and 3,570

- EBV-positive non-Hodgkin lymphoma. *Bone Marrow Transplant.* 2016;51(9):1271-1274.
135. Scheer C, **Kratz C**, Witt O, Creutzig U, Reinhardt D, Klusmann JH. Hematologic Response to Vorinostat Treatment in Relapsed Myeloid Leukemia of Down Syndrome. *Pediatr Blood Cancer.* 2016;63(9):1677-1679. 3,167
136. Behnert A, Auber B, Steinemann D, Frühwald MC, Huisinga C, Hussein K, **Kratz C**, Ripperger T. KBG syndrome patient due to 16q24.3 microdeletion presenting with a paratesticular rhabdoid tumor: Coincidence or cancer predisposition? *Am J Med Genet A.* 2018 Jun;176(6):1449-1454. 2,125
137. Wegehaupt O, Groß M, Wehr C, Marks R, Schmitt-Graeff A, Uhl M, Lorenz M, Schwarz K, **Kratz C**, Niemeyer C, Ehl S. TIM-3 deficiency presenting with two clonally unrelated episodes of mesenteric and subcutaneous panniculitis-like T-cell lymphoma and hemophagocytic lymphohistiocytosis. *Pediatr Blood Cancer.* 2020 Apr 14:e28302. doi: 10.1002/pbc.28302. Online ahead of print. 3,167
138. Stanulla M, Schewe DM, Bornhauser B, Bourquin JP, Eckert C, Eberl W, Wolf S, Wolf J, Vogiatzi F, Bergmann AK, Cario G, Beier R, Sauer M, **Kratz CP**, Maecker-Kolhoff B. Molecular complete remission following combination treatment of daratumumab and venetoclax in an adolescent with relapsed mixed phenotype acute leukemia. *Ann Hematol.* 2023 Jan 18. doi: 10.1007/s00277-023-05083-y. Epub ahead of print. PMID: 36651980. 3,673

#### Reviews first- / last author

139. Niemeyer CM, **Kratz C**. Juvenile myelomonocytic leukemia. *Curr Treat Options Oncol* 2003;4:203-210. 3,890
140. Niemeyer CM, **Kratz C**. Juvenile myelomonocytic leukemia. *Curr Oncol Rep* 2003;5(6):510-515. 1,490
141. **Kratz C**, Niemeyer CM. Myelodysplastische Syndrome und Juvenile myelomonozytäre Leukämie. *Pädiat Prax* 2005;66:261-270. 0,040
142. **Kratz CP**, Schubert S, Bollag G, Niemeyer CM, Shannon KM, Zenker M. Germline mutations in components of the Ras signaling pathway in Noonan syndrome and related disorders. *Cell Cycle* 2006;15:1607-1611. 3,304
143. **Kratz CP**, Niemeyer CM, Zenker M. An unexpected new role of mutant Ras: perturbation of human embryonic development. *J Mol Med* 2007;85:223-331. 4,427
144. Niemeyer CM, **Kratz CP**. Paediatric myelodysplastic syndromes and juvenile myelomonocytic leukaemia: molecular classification and treatment options. *Br J Haematol* 2008;140:610-624. 5,518
145. **Kratz CP**, Mai P, Greene MH. Familial testicular tumors. *Best Practice & Research: Clinical Endocrinology & Metabolism* 2010;24:503–513. 3,701
146. Wimmer K, **Kratz CP**. Constitutional mismatch repair-deficiency. *Haematologica* 2010;95:699-701. 9,941
147. Schultze-Florey RE, Graf N, Vorwerk P, Koscielniak E, Schneider DT, **Kratz CP**. DICER1 syndrome: a new cancer syndrome. *Klin Padiatr.* 2013;225:177-178. 1,349
148. **Kratz C**, Hanenberg H. Congenital bone marrow failure. *Monatsschr Kinderheilkd.* 2014, 163(1);47-51. 0,230
149. **Kratz CP**, Stanulla M, Cavé H. Genetic predisposition to acute lymphoblastic leukemia: Overview on behalf of the I-BFM ALL Host Genetic Variation Working Group. *Eur J Med Genet.* 2016;59:111-115. 2,022
150. Ripperger T, Bielack SS, Borkhardt A, Brecht IB, Burkhardt B, Calaminus G, Debatin KM, Deubzer H, Dirksen U, Eckert C, Eggert A, Erlacher M, Fleischhack G, Frühwald MC, Gnekow A, Goehring G, Graf N, Hanenberg H, Hauer J, Hero B, Hettmer S, von Hoff K, Horstmann M, Hoyer J, Illig T, Kaatsch P, Kappler R, Kerl K, Klingebiel T, Kontny U, Kordes U, Körholz D, Koscielniak E, Kramm CM, Kuhlen M, Kulozik AE, Lamottke B, 2,125



- Leuschner I, Lohmann DR, Meinhardt A, Metzler M, Meyer LH, Moser O, Nathrath M, Niemeyer CM, Nustede R, Pajtler KW, Paret C, Rasche M, Reinhardt D, Rieß O, Russo A, Rutkowski S, Schlegelberger B, Schneider D, Schneppenheim R, Schrappe M, Schroeder C, von Schweinitz D, Simon T, Sparber-Sauer M, Spix C, Stanulla M, Steinemann D, Strahm B, Temming P, Thomay K, von Bueren AO, Vorwerk P, Witt O, Wlodarski M, Wössmann W, Zenker M, Zimmermann S, Pfister SM, **Kratz CP**. Childhood cancer predisposition syndromes-A concise review and recommendations by the Cancer Predisposition Working Group of the Society for Pediatric Oncology and Hematology. *Am J Med Genet A*. 2017;173(4):1017-1037.
151. **Kratz CP**, Achatz MI, Brugières L, Frebourg T, Garber JE, Greer MC, Hansford JR, Janeway KA, Kohlmann WK, McGee R, Mullighan CG, Onel K, Pajtler KW, Pfister SM, Savage SA, Schiffman JD, Schneider KA, Strong LC, Evans DGR, Wasserman JD, Villani A, Malkin D. Cancer Screening Recommendations for Individuals with Li-Fraumeni Syndrome. *Clin Cancer Res*. 2017;23(11):e38-e45. 10,107
152. Villani A, Greer MC, Kalish JM, Nakagawara A, Nathanson KL, Pajtler KW, Pfister SM, Walsh MF, Wasserman JD, Zelle K, **Kratz CP**. Recommendations for Cancer Surveillance in Individuals with RASopathies and Other Rare Genetic Conditions with Increased Cancer Risk. *Clin Cancer Res*. 2017;23(12):e83-e90. 10,107
153. **Kratz CP**, Izraeli S. Down syndrome, RASopathies, and other rare syndromes. *Semin Hematol*. 2017;54(2):123-128. 4,379
154. **Kratz CP**, Jongmans MC, Cavé H, Wimmer K, Behjati S, Guerrini-Rousseau L, Milde T, Pajtler KW, Golmard L, Gauthier-Villars M, Jewell R, Duncan C, Maher ER, Brugieres L, Pritchard-Jones K, Bourdeaut F. Predisposition to cancer in children and adolescents. *Lancet Child Adolesc Health*. 2021;5(2):142-154. 8,543
155. M. Stanulla M, Erdmann F, **Kratz CP**. Risikofaktoren für Krebserkrankungen im Kindes- und Jugendalter. *Monatsschr Kinderheilkd*. Accepted for publication. 0,230
156. **Kratz CP**, Steinke-Lange V, Spier I, Aretz S, Schröck E, Holinski-Feder E. Overview of the Clinical Features of Li-Fraumeni Syndrome and the Current European ERN GENTURIS Guideline. *Geburtshilfe Frauenheilkd*. 2021 Oct 25;82(1):42-49. doi: 10.1055/a-1541-7912. PMID: 35027859; PMCID: PMC8747895. 2,382

Reviews co-author		IF
157.	Niemeyer CM, <b>Kratz C</b> , Hasle H. Pediatric myelodysplastic syndromes. <i>Curr Treat Options Oncol</i> 2005;6:209-214.	3,349
158.	Yoshimi A, <b>Kratz C</b> , Niemeyer CM. Treatment of patients with juvenile myelomonocytic leukemia. <i>Jpn J Pediatr Hematol</i> 2005;19:10-18.	2,513
159.	Flotho C, <b>Kratz CP</b> , Niemeyer CM. How a rare pediatric neoplasia can give important insights into biological concepts: a perspective on juvenile myelomonocytic leukemia. <i>Haematologica</i> 2007;92:1441-1446.	9,941
160.	Flotho C, <b>Kratz C</b> , Niemeyer CM. Targeting RAS signaling pathways in juvenile myelomonocytic leukemia. <i>Current Drug Targets</i> 2007;8:715-725.	3,522
161.	Chan RJ, Cooper T, <b>Kratz CP</b> , Weiss B, Loh ML. Juvenile myelomonocytic leukemia: A report from the 2nd International JMML Symposium. <i>Leuk Res</i> 2009;33:355-362.	2,319
162.	Greene MH, <b>Kratz CP</b> , Mai PL, Mueller C, Peters JA, Bratslavsky G, Ling A, Choyke PM, Premkumar A, Bracci J, Watkins R, McMaster ML, Korde LA. Familial Testicular Germ Cell Tumors in Adults: 2010 Summary of Genetic Risk Factors and Clinical Phenotype. <i>Endocrine-Related Cancer</i> 2010;17:R109-121.	4,800
163.	Wimmer K, <b>Kratz CP</b> , Vasen HF, Caron O, Colas C, Entz-Werle N, Gerdes AM, Goldberg Y, Ilencikova D, Muleris M, Duval A, Lavoine N, Ruiz-	4,943

- Ponte C, Slavic I, Burkhardt B, Brugieres L; on behalf of the EU-Consortium Care for CMMRD (C4CMMRD). Diagnostic criteria for constitutional mismatch repair deficiency syndrome: suggestions of the European consortium 'Care for CMMRD' (C4CMMRD). *J Med Genet* 2014;51:355-365.
164. Vasen HF, Ghorbanoghli Z, Bourdeaut F, Cabaret O, Caron O, Duval A, Entz-Werle N, Goldberg Y, Ilencikova D, **Kratz CP**, Lavoine N, Loeffen J, Menko FH, Muleris M, Sebille G, Colas C, Burkhardt B, Brugieres L, Wimmer K; EU-Consortium Care for CMMR-D (C4CMMR-D). Guidelines for surveillance of individuals with constitutional mismatch repair-deficiency proposed by the European Consortium "Care for CMMR-D" (C4CMMR-D). *J Med Genet*. 2014;51:283-293. 4,943
165. Chao MM, Ebell W, Bader P, Beier R, Burkhardt B, Feuchtinger T, Handgretinger R, Hanenberg H, Koehl U, **Kratz C**, Kremens B, Lang P, Meisel R, Mueller I, Roessig C, Sauer M, Schlegel PG, Schulz A, Strahm B, Thol F, Sykora KW. Consensus of German Transplant Centers on Hematopoietic Stem Cell Transplantation in Fanconi Anemia. *Klin Padiatr* 2015;227:157-165. 1,349
166. Ripperger T, Tawana K, **Kratz C**, Schlegelberger B, Fitzgibbon J, Steinemann D. Clinical utility gene card for: Familial platelet disorder with associated myeloid malignancies. *Eur J Hum Genet*. 2016;24(8). 4,349
167. Kontny U, Franzen S, Behrends U, Bührlen M, Christiansen H, Delecluse H, Eble M, Feuchtinger T, Gademann G, Granzen B, **Kratz CP**, Lassay L, Leuschner I, Mottaghy FM, Schmitt C, Staatz G, Timmermann B, Vorwerk P, Wilop S, Wolff HA, Mertens R. Diagnosis and Treatment of Nasopharyngeal Carcinoma in Children and Adolescents - Recommendations of the GPOH-NPC Study Group. *Klin Padiatr*. 2016;228:105-112. 1,349
168. Tabori U, Hansford JR, Achatz MI, **Kratz CP**, Plon SE, Frebourg T, Brugières L. Clinical Management and Tumor Surveillance Recommendations of Inherited Mismatch Repair Deficiency in Childhood. *Clin Cancer Res*. 2017;23(11):e32-e37. 10,107
169. Achatz MI, Porter CC, Brugières L, Druker H, Frebourg T, Foulkes WD, **Kratz CP**, Kuiper RP, Hansford JR, Hernandez HS, Nathanson KL, Kohlmann WK, Doros L, Onel K, Schneider KW, Scollon SR, Tabori U, Tomlinson GE, Evans DGR, Plon SE. Cancer Screening Recommendations and Clinical Management of Inherited Gastrointestinal Cancer Syndromes in Childhood. *Clin Cancer Res*. 2017;23(13):e107-e114. 10,107
170. Wasserman JD, Tomlinson GE, Druker H, Kamihara J, Kohlmann WK, **Kratz CP**, Nathanson KL, Pajtler KW, Parareda A, Rednam SP, States LJ, Villani A, Walsh MF, Zelle K, Schiffman JD. Multiple Endocrine Neoplasia and Hyperparathyroid-Jaw Tumor Syndromes: Clinical Features, Genetics, and Surveillance Recommendations in Childhood. *Clin Cancer Res*. 2017;23(13):e123-e132. 10,107
171. Brioude F, Kalish JM, Mussa A, Foster AC, Bliok J, Ferrero GB, Boonen SE, Cole T, Baker R, Bertolotti M, Cocchi G, Coze C, De Pellegrin M, Hussain K, Ibrahim A, Kilby MD, Krajewska-Walasek M, **Kratz CP**, Ladusans EJ, Lapunzina P, Le Bouc Y, Maas SM, Macdonald F, Öunap K, Peruzzi L, Rossignol S, Russo S, Shipster C, Skórka A, Tatton-Brown K, Tenorio J, Tortora C, Grønskov K, Netchine I, Hennekam RC, Prawitt D, Tümer Z, Eggermann T, Mackay DJG, Riccio A, Maher ER. Expert consensus document: Clinical and molecular diagnosis, screening and management of Beckwith-Wiedemann syndrome: an international consensus statement. *Nat Rev Endocrinol*. 2018;14(4):229-249. 28,8
172. Elbracht M, Prawitt D, Nemetschek R, **Kratz C**, Eggermann T. Beckwith-Wiedemann Syndrome (BWS) Current Status of Diagnosis and

- Clinical Management: Summary of the First International Consensus Statement. *Klin Padiatr.* 2018;230(3):151-159.
173. Leenders EKSM, Westdorp H, Brüggemann RJ, Loeffen J, **Kratz C**, Burn J, Hoogerbrugge N, Jongmans MCJ. Cancer prevention by aspirin in children with Constitutional Mismatch Repair Deficiency (CMMRD). *Eur J Hum Genet.* 2018; 26(10): 1417–1423. 4,349
174. Northcott PA, Robinson GW, **Kratz CP**, Mabbott DJ, Pomeroy SL, Clifford SC, Rutkowski S, Ellison DW, Malkin D, Taylor MD, Gajjar A, Pfister SM. Medulloblastoma. *Nat Rev Dis Primers.* 2019;5:11. 40,689
175. Suerink M, Ripperger T, Messiaen L, Menko FH, Bourdeaut F, Colas C, Jongmans M, Goldberg Y, Nielsen M, Muleris M, van Kouwen M, Slavc I, **Kratz C**, Vasen HF, Brugières L, Legius E, Wimmer K. Constitutional mismatch repair deficiency as a differential diagnosis of neurofibromatosis type 1: consensus guidelines for testing a child without malignancy. *J Med Genet.* 2019;56:53-62. 4,943
176. Higgs C, Crow YJ, Adams DM, Chang E, Hayes D Jr, Herbig U, Huang JN, Himes R, Jajoo K, Johnson FB, Reynolds SD, Yonekawa Y, Armanios M, Boulad F, DiNardo CD, Dufour C, Goldman FD, Khan S, **Kratz C**, Myers KC, Raghu G, Alter BP, Aubert G, Bhala S, Cowen EW, Dror Y, El-Youssef M, Friedman B, Giri N, Helms Guba L, Khincha PP, Lin TF, Longhurst H, McReynolds LJ, Nelson A, Olson T, Pariser A, Perona R, Sasa G, Schratz K, Simonetto DA, Townsley D, Walsh M, Stevens K, Agarwal S, Bertuch AA, Savage SA; Understanding the evolving phenotype of vascular complications in telomere biology disorders. Clinical Care Consortium for Telomere-associated Ailments (CCCTAA). *Angiogenesis.* 2019;22:95-102. 9,780
177. Dutzmann CM, Vogel J, **Kratz CP**, Pajtler KW, Pfister SM, Dörgeloh BB. Update on Li-Fraumeni syndrome. *Pathologe.* 2019 Nov;40(6):592-599. 0,631
178. 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, Stutz E, Bourdeaut F, **Kratz CP**, Demoulin JB. Genetic testing and surveillance in infantile myofibromatosis: a report from the SIOPE Host Genome Working Group. *Fam Cancer.* 2021;20(4):327-336. 2,375
179. Eggermann T, Brück J, Knopp C, Fekete G, **Kratz C**, Tasic V, Kurth I, Elbracht M, Eggermann K, Begemann M. Need for a precise molecular diagnosis in Beckwith-Wiedemann and Silver-Russell syndrome: what has to be considered and why it is important. *J Mol Med (Berl).* 2020 Aug 24. doi: 10.1007/s00109-020-01966-z. Online ahead of print. 4,427
180. Frühwald MC, Nemes K, Boztug H, Cornips MCA, Evans DG, Farah R, Glentis S, Jorgensen M, Katsibardi K, Hirsch S, Jahnukainen K, Kventsel I, Kerl K, **Kratz CP**, Pajtler KW, Kordes U, Ridola V, Stutz E, Bourdeaut F. Current recommendations for clinical surveillance and genetic testing in rhabdoid tumor predisposition: a report from the SIOPE Host Genome Working Group. *Fam Cancer.* 2021;20(4):305-316. 2,375
181. Nesper-Brock M, Metzler M, Wotschofsky, Reinhardt D, Fischer M, Rutkowski S, Kratz C, Thorwarth A, Einsiedel HG, Schrappe M, Mauz-Körholz C, Witt O. Molekulare Tumorthherapie: Phase-I/II-Netzwerkstruktur der Gesellschaft für Pädiatrische Onkologie und Hämatologie . *Onkologe* (2021). <https://doi.org/10.1007/s00761-021-00928-5> 0.145
182. Guerrini-Rousseau L, Smith MJ, **Kratz CP**, Doergeloh B, Hirsch S, Hopman SMJ, Jorgensen M, Kühlen M, Michaeli O, Milde T, Ridola V, Russo A, Salvador H, Waespe N, Claret B, Brugières L, Evans DG. Current recommendations for cancer surveillance in Gorlin syndrome: a report from the SIOPE host genome working group (SIOPE HGWG). *Fam Cancer.* 2021;20(4):317-325. 2,375

183. Hol JA, Jewell R, Chowdhury T, Duncan C, Nakata K, Oue T, Gauthier-Villars M, Littooij AS, Kaneko Y, Graf N, Bourdeaut F, van den Heuvel-Eibrink MM, Pritchard-Jones K, Maher ER, **Kratz CP**, Jongmans MCJ. Wilms tumour surveillance in at-risk children: Literature review and recommendations from the SIOP-Europe Host Genome Working Group and SIOP Renal Tumour Study Group. *Eur J Cancer*. 2021 Jun 13;153:51-63. doi: 10.1016/j.ejca.2021.05.014. Epub ahead of print. PMID: 34134020. 7,275
184. Pfister SM, Reyes-Múgica M, Chan JKC, Hasle H, Lazar AJ, Rossi S, Ferrari A, Jarzembowski JA, Pritchard-Jones K, Hill DA, Jacques TS, Wesseling P, López Terrada DH, von Deimling A, **Kratz CP**, Cree IA, Alaggio R. A Summary of the Inaugural WHO Classification of Pediatric Tumors: Transitioning from the Optical into the Molecular Era. *Cancer Discov*. 2021 Dec 17. doi: 10.1158/2159-8290.CD-21-1094. Epub ahead of print. PMID: 34921008. 39,397
185. de Andrade KC, Lee EE, Tookmanian EM, Kesserwan CA, Manfredi JJ, Hatton JN, Loukissas JK, Zavadil J, Zhou L, Olivier M, Frone MN, Shahzada O, Longabaugh WJR, **Kratz CP**, Malkin D, Hainaut P, Savage SA. The TP53 Database: transition from the International Agency for Research on Cancer to the US National Cancer Institute. *Cell Death Differ*. 2022 Mar 29. doi: 10.1038/s41418-022-00976-3. Epub ahead of print. PMID: 35352025. 15,83
186. Khoury JD, Solary E, Ablá O, Akkari Y, Alaggio R, Apperley JF, Bejar R, Berti E, Busque L, Chan JKC, Chen W, Chen X, Chng WJ, Choi JK, Colmenero I, Coupland SE, Cross NCP, De Jong D, Elghetany MT, Takahashi E, Emile JF, Ferry J, Fogelstrand L, Fontenay M, Germing U, Gujral S, Haferlach T, Harrison C, Hodge JC, Hu S, Jansen JH, Kanagal-Shamanna R, Kantarjian HM, **Kratz CP**, Li XQ, Lim MS, Loeb K, Loghavi S, Marcogliese A, Meshinchi S, Michaels P, Naresh KN, Natkunam Y, Nejati R, Ott G, Padron E, Patel KP, Patkar N, Picarsic J, Platzbecker U, Roberts I, Schuh A, Sewell W, Siebert R, Tembhare P, Tyner J, Verstovsek S, Wang W, Wood B, Xiao W, Yeung C, Hochhaus A. The 5th edition of the World Health Organization Classification of Haematolymphoid Tumours: Myeloid and Histiocytic/Dendritic Neoplasms. *Leukemia*. 2022 Jun 22. doi: 10.1038/s41375-022-01613-1. Epub ahead of print. PMID: 35732831. 11,53
187. Eggermann T, Maher ER, **Kratz CP**, Prawitt D. Molecular Basis of Beckwith-Wiedemann Syndrome Spectrum with Associated Tumors and Consequences for Clinical Practice. *Cancers (Basel)*. 2022 Jun 23;14(13):3083. doi: 10.3390/cancers14133083. PMID: 35804856; PMCID: PMC9265096. 6,639
188. Keymling M, Schlemmer HP, **Kratz C**, Pfeil A, Bickelhaupt S, Alsady TM, Renz DM. Li-Fraumeni-Syndrom [Li-Fraumeni syndrome]. *Radiologie (Heidelb)*. 2022 Sep 27. German. doi: 10.1007/s00117-022-01071-x. Epub ahead of print. PMID: 36166074. 0,803
189. Ney G, Gross A, Livinski A, **Kratz CP**, Stewart DR. Cancer incidence and surveillance strategies in individuals with RASopathies. *Am J Med Genet C Semin Med Genet*. 2022 Dec 19. doi: 10.1002/ajmg.c.32018. Epub ahead of print. PMID: 36533693. 2,834
190. Würtemberger J, Ripperger T, Vokuhl C, Bauer S, Teichert-von Lüttichau I, Wardelmann E, Niemeyer C, **Kratz CP**, Schlegelberger B, Hettmer S. Genetic susceptibility in children, adolescents, and young adults diagnosed with soft-tissue sarcomas. *Eur J Med Genet*. 2023 Feb 8;104718. doi: 10.1016/j.ejmg.2023.104718. Epub ahead of print. PMID: 36764384. 2,708

#### Commentaries first- / last author

191. Niemeyer CM, **Kratz CP**. Is granulocyte colony-stimulating factor therapy a risk factor for myelodysplasia/leukemia in patients with congenital neutropenia? *Haematologica* 2005;90:2-3.

192. **Kratz CP**, Bratslavsky G, Shi J. The clinical utility of testicular cancer risk loci. *Genome Medicine*;2011: 3:1.
193. **Kratz CP**, Villani A, Nichols KE, Schiffman J, Malkin D. Cancer surveillance for individuals with Li-Fraumeni syndrome. *Eur J Hum Genet*. 2020 Aug 19. doi: 10.1038/s41431-020-00709-5. Online ahead of print.
194. Ripperger T, Evans DG, Malkin D, **Kratz CP**. Choose and stay on one out of two paths: distinction between clinical versus research genetic testing to identify cancer predisposition syndromes among patients with cancer. *Fam Cancer*. 2021;20(4):289-291.
195. **Kratz CP**, Smirnov D, Autry R, Jäger N, Waszak SM, Großhennig A, Berutti R, Wendorff M, Hainaut P, Pfister SM, Prokisch H, Ripperger T, Malkin D. Reply to Evans and Woodward. *J Natl Cancer Inst*. 2022 Dec 10:djac224. doi: 10.1093/jnci/djac224. Epub ahead of print. PMID: 36495208.
196. **Kratz CP**, Evans DG. Comments on The CHK2 kinase is recurrently mutated and functionally impaired in the germline of pediatric cancer patients. *Int J Cancer*. 2023 Jan 16. doi: 10.1002/ijc.34432. Epub ahead of print. PMID: 36647321.
197. **Kratz CP**, Smirnov D, Autry R, Jäger N, Waszak SM, Großhennig A, Berutti R, Wendorff M, Hainaut P, Pfister SM, Prokisch H, Ripperger T, Malkin D. Reply to Li and colleagues. *J Natl Cancer Inst*. 2023 Apr 2:djad057. doi: 10.1093/jnci/djad057. Epub ahead of print. PMID: 37004196.

#### commentaties co-author

198. Germeshausen M, **Kratz CP**, Ballmaier M, Welte K. RAS and CSF3R mutations in severe congenital neutropenia. *Blood* 2009;114:3504-3505.
199. Wimmer K, Brugières L, Duval A, Muleris M, **Kratz CP**, Vasen HF. Constitutional or biallelic? Settling on a name for a recessively inherited cancer susceptibility syndrome. *J Med Genet*. 2016;53(4):226.
200. Brioude F, Hennekam R, Blik J, Coze C, Eggermann T, Ferrero GB, **Kratz C**, Bouc YL, Maas SM, Mackay DJG, Maher ER, Mussa A, Netchine I. Revisiting Wilms tumour surveillance in Beckwith-Wiedemann syndrome with IC2 methylation loss, reply. *Eur J Hum Genet*. 2018;26(4):471-472.
201. Ronckers CM, **Kratz CP**, Berrington de Gonzalez A. Cancer-predisposing germline variants and subsequent cancer risk. *Lancet Oncol*. 2023 Oct;24(10):1059-1061. doi: 10.1016/S1470-2045(23)00461-8. PMID: 37797628.

#### Book chapters

202. Niemeyer CM, **Kratz C**. Myelodysplastische Syndrome und juvenile myelomonocytaire Leukämie. In: Gadner, Gaedicke, Niemeyer, Ritter (eds.) *Pädiatrische Hämatologie & Onkologie* Springer 2005.
203. **Kratz C**. Myeloproliferative disease and cancer in persons with Noonan syndrome and related related disorders. In: Zenker (ed): *Noonan syndrome and related disorders*. Monogr Hum Genet Basel, Karger, 2009.
204. Stanulla M, **Kratz CP**. Genetische Prädispositionen für Krebserkrankungen. In: Niemeyer, Eggert (eds.) *Pädiatrische Hämatologie und Onkologie*, Springer, 2018.
205. Orr BA, Hawkins CE, **Kratz CP**, Malkin D, Solomon DA. Li-Fraumeni syndrome. *Central Nervous System Tumours*. WHO Classification of Tumours, 5th edition. Accepted for publication.
206. Solomon DA, **Kratz CP**. Fanconi anemia. *Central Nervous System Tumours*. WHO Classification of Tumours, 5th edition. Accepted for publication.
207. Stemmer-Rachamimov AO, **Kratz CP**, Louis DN, Schuhmann MU. Neurofibromatosis type 2. *Central Nervous System Tumours*. WHO Classification of Tumours, 5th edition. Accepted for publication.

208. **Kratz CP**, Choi JK, Olson TS, Shimamura A. Myeloid neoplasms with germ line predisposition. Paediatric tumours. WHO Classification of Tumours, 5th edition. Accepted for publication.
209. **Kratz CP**, Louis DN, Perry A, Schuhmann MU, Stemmer-Rachamimov AO. Neurofibromatosis type 2. Paediatric tumours. WHO Classification of Tumours, 5th edition. Accepted for publication.
210. **Kratz CP**, Lopes MBS, Perry A, Rodriguez FJ, Santosh VS, Sharma M C. Stemmer-Rachamimov AO. Tuberous sclerosis. Paediatric tumours. WHO Classification of Tumours, 5th edition. Accepted for publication.
211. Pajtler KW, Eberhart CG, **Kratz CP**, Perry A, Pietsch T. Naevoid basal cell carcinoma syndrome (Gorlin syndrome). Paediatric tumours. WHO Classification of Tumours, 5th edition. Accepted for publication.
212. Tomlinson GE, **Kratz CP**. Beckwith-Wiedemann and related overgrowth syndromes. Paediatric tumours. WHO Classification of Tumours, 5th edition. Accepted for publication.
213. Lax SF, Hawkins CE, **Kratz CP**, Malkin D, Orr BA, Perry A, Solomon DA. Li Fraumeni syndrome. Paediatric tumours. WHO Classification of Tumours, 5th edition. Accepted for publication
214. Malkin D, Plon SE, Schiffman JD, **Kratz CP**, Frebourg. Heredity and Childhood Cancer. In: Blaney, Adamson, Helman (eds.). Pizzo and Poplack's Pediatric Oncology 8<sup>th</sup> Edition, Wolters Kluwer, 2020.