Cornelia Zeidler – Publikationsliste ohne Abstracts und Buchbeiträge bis 2020

1: Papadaki HA, Mavroudi I, Almeida A, Bux J, Cichy J, Dale DC, Donadieu J, Höglund P, Karanfilski O, Mecucci C, Palmblad J, Skokowa J, Stamatopoulos K, Touw I, Warren AJ, Welte K, Zeidler C, Dufour C. Congenital and Acquired Chronic Neutropenias: Challenges, Perspectives and Implementation of the EuNet-INNOCHRON Action. Hemasphere. 2020 Jun 8;4(3):e406. doi: 10.1097/HS9.0000000000000406. PMID: 32647804; PMCID: PMC7306309.

2: Mir P, Klimiankou M, Findik B, Hähnel K, Mellor-Heineke S, Zeidler C, Skokowa J, Welte K. New insights into the pathomechanism of cyclic neutropenia. Ann N Y Acad Sci. 2020 Apr;1466(1):83-92. doi: 10.1111/nyas.14309. Epub 2020 Feb 21. PMID: 32083314.

3: Dale DC, Bolyard AA, Steele LA, Zeidler C, Welte K; Severe Chronic Neutropenia International Registry. Registries for study of nonmalignant hematological diseases: the example of the Severe Chronic Neutropenia International Registry. Curr Opin Hematol. 2020 Jan;27(1):18-26. doi: 10.1097/MOH.0000000000000558. PMID: 31764167; PMCID: PMC7236759.

4: Nasri M, Ritter M, Mir P, Dannenmann B, Aghaallaei N, Amend D, Makaryan V, Xu Y, Fletcher B, Bernhard R, Steiert I, Hahnel K, Berger J, Koch I, Sailer B, Hipp K, Zeidler C, Klimiankou M, Bajoghli B, Dale DC, Welte K, Skokowa J. CRISPR/Cas9-mediated ELANE knockout enables neutrophilic maturation of primary hematopoietic stem and progenitor cells and induced pluripotent stem cells of severe congenital neutropenia patients. Haematologica. 2020 Mar;105(3):598-609. doi: 10.3324/haematol.2019.221804. Epub 2019 Jun 27. PMID: 31248972; PMCID: PMC7049355.

5: Klimiankou M, Uenalan M, Kandabarau S, Nustede R, Steiert I, Mellor-Heineke S, Zeidler C, Skokowa J, Welte K. Ultra-Sensitive CSF3R Deep Sequencing in Patients With Severe Congenital Neutropenia. Front Immunol. 2019 Feb 28;10:116. doi: 10.3389/fimmu.2019.00116. PMID: 30891028; PMCID: PMC6413711.

6: Dannenmann B, Zahabi A, Mir P, Oswald B, Bernhard R, Klimiankou M, Morishima T, Schulze-Osthoff K, Zeidler C, Kanz L, Lachmann N, Moritz T, Welte K, Skokowa J. Human iPSC-based model of severe congenital neutropenia reveals elevated UPR and DNA damage in CD34⁺ cells preceding leukemic transformation. Exp Hematol. 2019 Mar;71:51-60. doi: 10.1016/j.exphem.2018.12.006. Epub 2019 Jan 4. PMID: 30615903.

7: Dale DC, Bolyard AA, Marrero T, Kelley ML, Makaryan V, Tran E, Leung J, Boxer LA, Kishnani PS, Austin S, Wanner C, Ferrecchia IA, Khalaf D, Maze D, Kurtzberg J, Zeidler C, Welte K, Weinstein DA. Neutropenia in glycogen storage disease Ib: outcomes for patients treated with granulocyte colony-stimulating factor. Curr Opin Hematol. 2019 Jan;26(1):16-21. doi: 10.1097/MOH.0000000000000474. PMID: 30451720; PMCID: PMC7000169.

8: Skokowa J, Dale DC, Touw IP, Zeidler C, Welte K. Severe congenital neutropenias. Nat Rev Dis Primers. 2017 Jun 8;3:17032. doi: 10.1038/nrdp.2017.32. PMID: 28593997; PMCID: PMC5821468.

9: Koch C, Samareh B, Morishima T, Mir P, Kanz L, Zeidler C, Skokowa J, Welte K. GM-CSF treatment is not effective in congenital neutropenia patients due to its inability to activate NAMPT signaling. Ann Hematol. 2017 Mar;96(3):345-353. doi: 10.1007/s00277-016-2894-5. Epub 2016 Dec 14. PMID: 27966038.

10: Klimiankou M, Mellor-Heineke S, Zeidler C, Welte K, Skokowa J. Role of CSF3R mutations in the pathomechanism of congenital neutropenia and secondary acute myeloid leukemia. Ann N Y Acad Sci. 2016 Apr;1370(1):119-25. doi: 10.1111/nyas.13097. PMID: 27270496.

11: Klimiankou M, Mellor-Heineke S, Klimenkova O, Reinel E, Uenalan M, Kandabarau S, Skokowa J, Welte K, Zeidler C. Two cases of cyclic neutropenia with acquired CSF3R mutations, with 1 developing AML. Blood. 2016 May 26;127(21):2638-41. doi: 10.1182/blood-2015-12-685784. Epub 2016 Mar 30. PMID: 27030388.

12: Nustede R, Klimiankou M, Klimenkova O, Kuznetsova I, Zeidler C, Welte K, Skokowa J. ELANE mutant-specific activation of different UPR pathways in congenital neutropenia. Br J Haematol. 2016 Jan;172(2):219-27. doi: 10.1111/bjh.13823. Epub 2015 Nov 16. PMID: 26567890.

13: Klimiankou M, Klimenkova O, Uenalan M, Zeidler A, Mellor-Heineke S, Kandabarau S, Skokowa J, Zeidler C, Welte K. GM-CSF stimulates granulopoiesis in a congenital neutropenia patient with loss-of-function biallelic heterozygous CSF3R mutations. Blood. 2015 Oct 8;126(15):1865-7. doi: 10.1182/blood-2015-07-661264. Epub 2015 Aug 31. PMID: 26324699.

14: Makaryan V, Zeidler C, Bolyard AA, Skokowa J, Rodger E, Kelley ML, Boxer LA, Bonilla MA, Newburger PE, Shimamura A, Zhu B, Rosenberg PS, Link DC, Welte K, Dale DC. The diversity of mutations and clinical outcomes for ELANE-associated neutropenia. Curr Opin Hematol. 2015 Jan;22(1):3-11. doi: 10.1097/MOH.0000000000000105. PMID: 25427142; PMCID: PMC4380169.

15: Zeidler C, Grote UA, Nickel A, Brand B, Carlsson G, Cortesão E, Dufour C, Duhem C, Notheis G, Papadaki HA, Tamary H, Tjønnfjord GE, Tucci F, Van Droogenbroeck J, Vermylen C, Voglova J, Xicoy B, Welte K. Outcome and management of pregnancies in severe chronic neutropenia patients by the European Branch of the Severe Chronic Neutropenia International Registry. Haematologica. 2014 Aug;99(8):1395-402. doi: 10.3324/haematol.2013.099101. Epub 2014 Jul 4. PMID: 24997149; PMCID: PMC4116840.

16: Skokowa J, Steinemann D, Katsman-Kuipers JE, Zeidler C, Klimenkova O,

Klimiankou M, Unalan M, Kandabarau S, Makaryan V, Beekman R, Behrens K, Stocking C, Obenauer J, Schnittger S, Kohlmann A, Valkhof MG, Hoogenboezem R, Göhring G, Reinhardt D, Schlegelberger B, Stanulla M, Vandenberghe P, Donadieu J, Zwaan CM, Touw IP, van den Heuvel-Eibrink MM, Dale DC, Welte K. Cooperativity of RUNX1 and CSF3R mutations in severe congenital neutropenia: a unique pathway in myeloid leukemogenesis. Blood. 2014 Apr 3;123(14):2229-37. doi: 10.1182/blood-2013-11-538025. Epub 2014 Feb 12. PMID: 24523240.

17: Gupta K, Kuznetsova I, Klimenkova O, Klimiankou M, Meyer J, Moore MA, Zeidler C, Welte K, Skokowa J. Bortezomib inhibits STAT5-dependent degradation of LEF-1, inducing granulocytic differentiation in congenital neutropenia CD34(+) cells. Blood. 2014 Apr 17;123(16):2550-61. doi: 10.1182/blood-2012-09-456889. Epub 2014 Jan 6. PMID: 24394665; PMCID: PMC4968380.

18: Klimenkova O, Ellerbeck W, Klimiankou M, Ünalan M, Kandabarau S, Gigina A, Hussein K, Zeidler C, Welte K, Skokowa J. A lack of secretory leukocyte protease inhibitor (SLPI) causes defects in granulocytic differentiation. Blood. 2014 Feb 20;123(8):1239-49. doi: 10.1182/blood-2013-06-508887. Epub 2013 Dec 18. PMID: 24352879.

19: Zeidler C. Primäre und sekundäre Neutropenie [Primary and secondary neutropenia]. Z Rheumatol. 2013 Sep;72(7):663-8. German. doi: 10.1007/s00393-013-1163-4. PMID: 23949279.

20: Skokowa J, Klimiankou M, Klimenkova O, Lan D, Gupta K, Hussein K, Carrizosa E, Kusnetsova I, Li Z, Sustmann C, Ganser A, Zeidler C, Kreipe HH, Burkhardt J, Grosschedl R, Welte K. Interactions among HCLS1, HAX1 and LEF-1 proteins are essential for G-CSF-triggered granulopoiesis. Nat Med. 2012 Oct;18(10):1550-9. doi: 10.1038/nm.2958. Epub 2012 Sep 23. PMID: 23001182; PMCID: PMC3941918.

21: Dror Y, Donadieu J, Koglmeier J, Dodge J, Toiviainen-Salo S, Makitie O, Kerr E, Zeidler C, Shimamura A, Shah N, Cipolli M, Kuijpers T, Durie P, Rommens J, Siderius L, Liu JM. Draft consensus guidelines for diagnosis and treatment of Shwachman-Diamond syndrome. Ann N Y Acad Sci. 2011 Dec;1242:40-55. doi: 10.1111/j.1749-6632.2011.06349.x. PMID: 22191555.

22: Rosenberg PS, Zeidler C, Bolyard AA, Alter BP, Bonilla MA, Boxer LA, Dror Y, Kinsey S, Link DC, Newburger PE, Shimamura A, Welte K, Dale DC. Stable long-term risk of leukaemia in patients with severe congenital neutropenia maintained on G-CSF therapy. Br J Haematol. 2010 Jul;150(2):196-9. doi: 10.1111/j.1365-2141.2010.08216.x. Epub 2010 Apr 29. PMID: 20456363; PMCID: PMC2906693.

23: Germeshausen M, Zeidler C, Stuhrmann M, Lanciotti M, Ballmaier M, Welte K. Digenic mutations in severe congenital neutropenia. Haematologica. 2010 Jul;95(7):1207-10. doi: 10.3324/haematol.2009.017665. Epub 2010 Mar 10. PMID:

20220065; PMCID: PMC2895047.

24: Welte K, Zeidler C. Severe congenital neutropenia. Hematol Oncol Clin North Am. 2009 Apr;23(2):307-20. doi: 10.1016/j.hoc.2009.01.013. PMID: 19327585.

25: Zeidler C, Germeshausen M, Klein C, Welte K. Clinical implications of ELA2-, HAX1-, and G-CSF-receptor (CSF3R) mutations in severe congenital neutropenia. Br J Haematol. 2009 Feb;144(4):459-67. doi: 10.1111/j.1365-2141.2008.07425.x. Epub 2008 Dec 10. PMID: 19120359.

26: 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 syndrome with congenital neutropenia and mutations in G6PC3. N Engl J Med. 2009 Jan 1;360(1):32-43. doi: 10.1056/NEJMoa0805051. Erratum in: N Engl J Med. 2011 Apr 28;364(17):1682. PMID: 19118303; PMCID: PMC2778311.

27: Dale DC, Bolyard AA, Schwinzer BG, Pracht G, Bonilla MA, Boxer L, Freedman MH, Donadieu J, Kannourakis G, Alter BP, Cham BP, Winkelstein J, Kinsey SE, Zeidler C, Welte K. The Severe Chronic Neutropenia International Registry: 10-Year Follow-up Report. Support Cancer Ther. 2006 Jul 1;3(4):220-31. doi: 10.3816/SCT.2006.n.020. PMID: 18632498.

28: Germeshausen M, Skokowa J, Ballmaier M, Zeidler C, Welte K. G-CSF receptor mutations in patients with congenital neutropenia. Curr Opin Hematol. 2008 Jul;15(4):332-7. doi: 10.1097/MOH.0b013e328303b9f6. PMID: 18536571.

29: Bohn G, Hardtke-Wolenski M, Zeidler C, Maecker B, Sauer M, Sykora KW, Grigull L, Welte K, Klein C. Lethal graft-versus-host disease in congenital neutropenia caused by p14 deficiency after allogeneic bone marrow transplantation from an HLA-identical sibling. Pediatr Blood Cancer. 2008 Sep;51(3):436-8. doi: 10.1002/pbc.21643. PMID: 18523989.

30: Boztug K, Welte K, Zeidler C, Klein C. Congenital neutropenia syndromes. Immunol Allergy Clin North Am. 2008 May;28(2):259-75, vii-viii. doi: 10.1016/j.iac.2008.01.007. PMID: 18424332.

31: Germeshausen M, Grudzien M, Zeidler C, Abdollahpour H, Yetgin S, Rezaei N, Ballmaier M, Grimbacher B, Welte K, Klein C. Novel HAX1 mutations in patients with severe congenital neutropenia reveal isoform-dependent genotype-phenotype associations. Blood. 2008 May 15;111(10):4954-7. doi: 10.1182/blood-2007-11-120667. Epub 2008 Mar 12. PMID: 18337561.

32: Zeidler C, Welte K. Angeborene Störungen der Blutbildung. Die Entwicklung der letzten 20 Jahre am Beispiel der kongenitalen Neutropenie [Congenital bone marrow failure syndromes. The last 20 years by the example of congenital

neutropenia]. Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz. 2007 Dec;50(12):1564-8. German. doi: 10.1007/s00103-007-0392-6. PMID: 18026880.

33: Göhring G, Karow A, Steinemann D, Wilkens L, Lichter P, Zeidler C, Niemeyer C, Welte K, Schlegelberger B. Chromosomal aberrations in congenital bone marrow failure disorders--an early indicator for leukemogenesis? Ann Hematol. 2007 Oct;86(10):733-9. doi: 10.1007/s00277-007-0337-z. Epub 2007 Jul 25. PMID: 17653548.

34: Zeidler C, Welte K. Hematopoietic growth factors for the treatment of inherited cytopenias. Semin Hematol. 2007 Jul;44(3):133-7. doi: 10.1053/j.seminhematol.2007.04.003. PMID: 17631177.

35: Link DC, Kunter G, Kasai Y, Zhao Y, Miner T, McLellan MD, Ries RE, Kapur D, Nagarajan R, Dale DC, Bolyard AA, Boxer LA, Welte K, Zeidler C, Donadieu J, Bellanné-Chantelot C, Vardiman JW, Caligiuri MA, Bloomfield CD, DiPersio JF, Tomasson MH, Graubert TA, Westervelt P, Watson M, Shannon W, Baty J, Mardis ER, Wilson RK, Ley TJ. Distinct patterns of mutations occurring in de novo AML versus AML arising in the setting of severe congenital neutropenia. Blood. 2007 Sep 1;110(5):1648-55. doi: 10.1182/blood-2007-03-081216. Epub 2007 May 9. PMID: 17494858; PMCID: PMC1975847.

36: Sauer M, Zeidler C, Meissner B, Rehe K, Hanke A, Welte K, Lohse P, Sykora KW. Substitution of cyclophosphamide and busulfan by fludarabine, treosulfan and melphalan in a preparative regimen for children and adolescents with Shwachman-Diamond syndrome. Bone Marrow Transplant. 2007 Feb;39(3):143-7. doi: 10.1038/sj.bmt.1705553. Epub 2007 Jan 8. PMID: 17211437.

37: Bohn G, Allroth A, Brandes G, Thiel J, Glocker E, Schäffer AA, Rathinam C, Taub N, Teis D, Zeidler C, Dewey RA, Geffers R, Buer J, Huber LA, Welte K, Grimbacher B, Klein C. A novel human primary immunodeficiency syndrome caused by deficiency of the endosomal adaptor protein p14. Nat Med. 2007 Jan;13(1):38-45. doi: 10.1038/nm1528. Epub 2006 Dec 31. PMID: 17195838.

38: Klein C, Grudzien M, Appaswamy G, Germeshausen M, Sandrock I, Schäffer AA, Rathinam C, Boztug K, Schwinzer B, Rezaei N, Bohn G, Melin M, Carlsson G, Fadeel B, Dahl N, Palmblad J, Henter JI, Zeidler C, Grimbacher B, Welte K. HAX1 deficiency causes autosomal recessive severe congenital neutropenia (Kostmann disease). Nat Genet. 2007 Jan;39(1):86-92. doi: 10.1038/ng1940. Epub 2006 Dec 24. PMID: 17187068.

39: Skokowa J, Germeshausen M, Zeidler C, Welte K. Severe congenital neutropenia: inheritance and pathophysiology. Curr Opin Hematol. 2007 Jan;14(1):22-8. doi: 10.1097/00062752-200701000-00006. Erratum in: Curr Opin Hematol. 2007 Mar;14(2):181. PMID: 17133096.

40: Skokowa J, Cario G, Uenalan M, Schambach A, Germeshausen M, Battmer K,

Zeidler C, Lehmann U, Eder M, Baum C, Grosschedl R, Stanulla M, Scherr M, Welte K. LEF-1 is crucial for neutrophil granulocytopoiesis and its expression is severely reduced in congenital neutropenia. Nat Med. 2006 Oct;12(10):1191-7. doi: 10.1038/nm1474. Epub 2006 Sep 24. Erratum in: Nat Med. 2006 Nov;12(11):1329. PMID: 17063141.

41: Welte K, Zeidler C, Dale DC. Severe congenital neutropenia. Semin Hematol. 2006 Jul;43(3):189-95. doi: 10.1053/j.seminhematol.2006.04.004. PMID: 16822461.

42: Köllner I, Sodeik B, Schreek S, Heyn H, von Neuhoff N, Germeshausen M, Zeidler C, Krüger M, Schlegelberger B, Welte K, Beger C. Mutations in neutrophil elastase causing congenital neutropenia lead to cytoplasmic protein accumulation and induction of the unfolded protein response. Blood. 2006 Jul 15;108(2):493-500. doi: 10.1182/blood-2005-11-4689. Epub 2006 Mar 21. PMID: 16551967.

43: Rosenberg PS, Alter BP, Bolyard AA, Bonilla MA, Boxer LA, Cham B, Fier C, Freedman M, Kannourakis G, Kinsey S, Schwinzer B, Zeidler C, Welte K, Dale DC; Severe Chronic Neutropenia International Registry. The incidence of leukemia and mortality from sepsis in patients with severe congenital neutropenia receiving long-term G-CSF therapy. Blood. 2006 Jun 15;107(12):4628-35. doi: 10.1182/blood-2005-11-4370. Epub 2006 Feb 23. PMID: 16497969; PMCID: PMC1895804.

44: Zeidler C. Congenital neutropenias. Hematology. 2005;10 Suppl 1:306-11. doi: 10.1080/10245330512331389944. PMID: 16188692.

45: Cario G, Skokowa J, Wang Z, Bucan V, Zeidler C, Stanulla M, Schrappe M, Welte K. Heterogeneous expression pattern of pro- and anti-apoptotic factors in myeloid progenitor cells of patients with severe congenital neutropenia treated with granulocyte colony-stimulating factor. Br J Haematol. 2005 Apr;129(2):275-8. doi: 10.1111/j.1365-2141.2005.05428.x. PMID: 15813856.

46: Zeidler C, Schwinzer B, Welte K. Congenital neutropenias. Rev Clin Exp Hematol. 2003 Mar;7(1):72-83. PMID: 14692235.

47: Dale DC, Cottle TE, Fier CJ, Bolyard AA, Bonilla MA, Boxer LA, Cham B, Freedman MH, Kannourakis G, Kinsey SE, Davis R, Scarlata D, Schwinzer B, Zeidler C, Welte K. Severe chronic neutropenia: treatment and follow-up of patients in the Severe Chronic Neutropenia International Registry. Am J Hematol. 2003 Feb;72(2):82-93. doi: 10.1002/ajh.10255. PMID: 12555210.

48: Zeidler C, Welte K. Kostmann syndrome and severe congenital neutropenia. Semin Hematol. 2002 Apr;39(2):82-8. doi: 10.1053/shem.2002.31913. PMID: 11957189.

49: Gavrikova N, Zeidler C, Stanulla M, Germeshausen M, Schwinzer B, Welte K. TNF and lymphotoxin-alpha polymorphisms in patients with severe chronic

neutropenia. Int J Hematol. 2001 Dec;74(4):477-8. doi: 10.1007/BF02982098. PMID: 11794710.

50: Germeshausen M, Schulze H, Ballmaier M, Zeidler C, Welte K. Mutations in the gene encoding neutrophil elastase (ELA2) are not sufficient to cause the phenotype of congenital neutropenia. Br J Haematol. 2001 Oct;115(1):222-4. doi: 10.1046/j.1365-2141.2001.03069.x. PMID: 11722436.

51: Schiller M, Böhm M, Zeidler C, Germeshausen M, Welte K, Luger TA, Bonsmann G. Zyklische Neutropenie. Nachweis einer Mutation im Gen für die Neutrophilen-Elastase (ELA2) [Cyclic neutropenia. Detection of a mutation in the gene for neutrophil elastase (ELA2)]. Hautarzt. 2001 Sep;52(9):790-6. German. doi: 10.1007/s001050170068. PMID: 11572070.

52: Tschan CA, Pilz C, Zeidler C, Welte K, Germeshausen M. Time course of increasing numbers of mutations in the granulocyte colony-stimulating factor receptor gene in a patient with congenital neutropenia who developed leukemia. Blood. 2001 Mar 15;97(6):1882-4. doi: 10.1182/blood.v97.6.1882. PMID: 11238134.

53: Dale DC, Person RE, Bolyard AA, Aprikyan AG, Bos C, Bonilla MA, Boxer LA, Kannourakis G, Zeidler C, Welte K, Benson KF, Horwitz M. Mutations in the gene encoding neutrophil elastase in congenital and cyclic neutropenia. Blood. 2000 Oct 1;96(7):2317-22. PMID: 11001877.

54: Zeidler C, Schwinzer B, Welte K. Schwere angeborene Neutropenie: Neue Aspekte der Diagnostik und Therapie [Severe congenital neutropenia: trends in diagnosis and therapy]. Klin Padiatr. 2000 Jul-Aug;212(4):145-52. German. doi: 10.1055/s-2000-9668. PMID: 10994541.

55: Zeidler C, Boxer L, Dale DC, Freedman MH, Kinsey S, Welte K. Management of Kostmann syndrome in the G-CSF era. Br J Haematol. 2000 Jun;109(3):490-5. doi: 10.1046/j.1365-2141.2000.02064.x. PMID: 10886193.

56: Zeidler C, Welte K, Barak Y, Barriga F, Bolyard AA, Boxer L, Cornu G, Cowan MJ, Dale DC, Flood T, Freedman M, Gadner H, Mandel H, O'Reilly RJ, Ramenghi U, Reiter A, Skinner R, Vermylen C, Levine JE. Stem cell transplantation in patients with severe congenital neutropenia without evidence of leukemic transformation. Blood. 2000 Feb 15;95(4):1195-8. PMID: 10666190.

57: Baranova K, Stanulla M, Zeidler C, Welte K. Alkaline phosphatase activity in neutrophils from patients with severe congenital neutropenia (Kostmann's syndrome). Int J Hematol. 1999 Dec;70(4):236-40. PMID: 10643149.

58: Führer M, Burdach S, Ebell W, Gadner H, Haas R, Harbott J, Janka-Schaub G, Klingebiel T, Kremens B, Niemeyer C, Rampf U, Reiter A, Ritter J, Schulz A, Walther U, Zeidler C, Bender-Götze C. Relapse and clonal disease in children with aplastic anemia (AA) after immunosuppressive therapy (IST): the SAA 94

experience. German/Austrian Pediatric Aplastic Anemia Working Group. Klin Padiatr. 1998 Jul-Aug;210(4):173-9. doi: 10.1055/s-2008-1043875. PMID: 9743949.

59: Yakisan E, Schirg E, Zeidler C, Bishop NJ, Reiter A, Hirt A, Riehm H, Welte K. High incidence of significant bone loss in patients with severe congenital neutropenia (Kostmann's syndrome). J Pediatr. 1997 Oct;131(4):592-7. doi: 10.1016/s0022-3476(97)70068-4. PMID: 9386665.

60: Bonilla MA, Dale D, Zeidler C, Last L, Reiter A, Ruggeiro M, Davis M, Koci B, Hammond W, Gillio A, Welte K. Long-term safety of treatment with recombinant human granulocyte colony-stimulating factor (r-metHuG-CSF) in patients with severe congenital neutropenias. Br J Haematol. 1994 Dec;88(4):723-30. doi: 10.1111/j.1365-2141.1994.tb05110.x. PMID: 7529539.

61: Welte K, Zeidler C, Reiter A, Riehm H. Effects of granulocyte colony-stimulating factor in children with severe neutropenia. Acta Haematol Pol. 1994;25(2 Suppl 1):155-62. PMID: 7520659.

62: Zeidler C, Reiter A, Yakisan E, Koci B, Riehm H, Welte K. Langzeitbehandlung mit rekombinantem humanen Granulozyten-Kolonien stimulierenden Faktor bei Patienten mit schwerer kongenitaler Neutropenie [Long-term treatment with recombinant human granulocyte colony stimulating factor in patients with severe congenital neutropenia]. Klin Padiatr. 1993 Jul-Aug;205(4):264-71. German. doi: 10.1055/s-2007-1025236. PMID: 7690865.

63: Zeidler C, Kanz L, Hurkuck F, Rittmann KL, Wildfang I, Kadoya T, Mikayama T, Souza L, Welte K. In vivo effects of interleukin-6 on thrombopoiesis in healthy and irradiated primates. Blood. 1992 Dec 1;80(11):2740-5. PMID: 1280477.

64: Elsner J, Roesler J, Emmendörffer A, Zeidler C, Lohmann-Matthes ML, Welte K. Altered function and surface marker expression of neutrophils induced by rhG-CSF treatment in severe congenital neutropenia. Eur J Haematol. 1992 Jan;48(1):10-9. doi: 10.1111/j.1600-0609.1992.tb01787.x. PMID: 1370419.

65: Schroten H, Roesler J, Breidenbach T, Wendel U, Elsner J, Schweitzer S, Zeidler C, Burdach S, Lohmann-Matthes ML, Wahn V, et al. Granulocyte and granulocyte-macrophage colony-stimulating factors for treatment of neutropenia in glycogen storage disease type Ib. J Pediatr. 1991 Nov;119(5):748-54. doi: 10.1016/s0022-3476(05)80290-2. PMID: 1719175.

66: Mempel K, Pietsch T, Menzel T, Zeidler C, Welte K. Increased serum levels of granulocyte colony-stimulating factor in patients with severe congenital neutropenia. Blood. 1991 May 1;77(9):1919-22. PMID: 1708293.

67: Schroten H, Wendel U, Burdach S, Roesler J, Breidenbach T, Schweitzer S, Zeidler C, Welte K. Colony-stimulating factors for neutropenia in glycogen storage disease Ib. Lancet. 1991 Mar 23;337(8743):736-7. doi:

10.1016/0140-6736(91)90324-i. PMID: 1706047.

68: Pietsch T, Bührer C, Mempel K, Menzel T, Steffens U, Schrader C, Santos F, Zeidler C, Welte K. Blood mononuclear cells from patients with severe congenital neutropenia are capable of producing granulocyte colony-stimulating factor. Blood. 1991 Mar 15;77(6):1234-7. PMID: 1705835.

69: Roesler J, Emmendörffer A, Elsner J, Zeidler C, Lohmann-Matthes M, Welte K. In vitro functions of neutrophils induced by treatment with rhG-CSF in severe congenital neutropenia. Eur J Haematol. 1991 Feb;46(2):112-8. doi: 10.1111/j.1600-0609.1991.tb00531.x. PMID: 1704852.

70: Welte K, Zeidler C, Reiter A, Müller W, Odenwald E, Souza L, Riehm H. Differential effects of granulocyte-macrophage colony-stimulating factor and granulocyte colony-stimulating factor in children with severe congenital neutropenia. Blood. 1990 Mar 1;75(5):1056-63. PMID: 1689595.