

## **Prof. Dr. H. Döhner**

Dr. H. Döhner is a Professor of Medicine, since 1999 he is Medical Director of the Department of Internal Medicine III (Hematology, Oncology, Palliative Medicine, Rheumatology, and Infectious Diseases) of Ulm University Hospital, since 2006 founding Director of the Comprehensive Cancer Center Ulm, and since 2012 Coordinating Investigator of the Collaborative Research Center SFB 1074 “Experimental Models and Clinical Translation in Leukemia”.

Dr. Döhner studied Medicine at the Universities of Regensburg, Freiburg, and Montpellier (France). He received his training in Hematology and Medical Oncology at the University of Heidelberg (Prof. Dr. W. Hunstein). Between 1988 and 1990, he spent a two-year period as a post-doctoral associate in the Department of Medicine, Division of Oncology (Prof. Clara D. Bloomfield), and the Department of Laboratory Medicine and Pathology, Division of Medical Genetics (Prof. Diane C. Arthur), University of Minnesota, Minneapolis, USA.

Dr. Döhner is an expert in the conduct of clinical trials and in the identification, characterization and clinical diagnosis of genetic changes in hematologic malignancies, including both acute and chronic leukemias. Dr. Döhner is chairman of the German-Austrian AML Study Group (AMLSG). His Department harbors the genetic reference laboratory for several multicenter trial groups, including the AMLSG, the German Study Group for Myeloproliferative Neoplasms (GSG-MPN), the German CLL Study Group (DCLLSG), and the German Study Group for Multiple Myeloma (DSMM).

Dr. Döhner holds and was holding multiple leadership positions in the scientific community of hematology/oncology including Member of the Executive Board of the European Hematology Association (EHA) (2007-2011); Member of the Hinterzartener Kreis für Krebsforschung, Deutsche Forschungsgemeinschaft (2008-2012); Member of the Clinical Advisory Committee of the WHO Classification of Hematopoietic and Lymphoid Neoplasms 2008 and 2016; Member of the Myeloid Neoplasia Committee of the American Society of Hematology (2011-2014); Member of the Advisory Committee of the International Working Group in CLL (IWCLL); Member of the Nomination Committee of the European Hematology Association (EHA) (2014-2018); Member of the Committee “Klinische Forschung, kliniknahe Grundlagenforschung” of the Deutsche Krebshilfe (2015-2018); Member of the Scientific Committee, European School of Haematology (ESH) (2018-2020).

In 2012, H. Döhner was elected Member of the Berlin-Brandenburg Academy of Sciences and Humanities; he is the recipient of the 2014 José Carreras Award of the European Hematology Association, one of the most prestigious awards in European hematology; since 2014, H. Döhner is ranked among the top 1% of researchers for most cited documents, in their specific field (Thomson Reuters Highly Cited Researcher Statistics). [July 2019]

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### **Current Positions:**

- Medical Director, Department of Internal Medicine III (Hematology, Oncology, Palliative Medicine, Rheumatology, and Infectious Diseases), University Hospital Ulm, Ulm, Germany
- Director, Center of Internal Medicine
- Director, Comprehensive Cancer Center Ulm (CCCU)
- Coordinating Investigator, Collaborative Research Center (SFB) 1074 ‘Experimental models and clinical translation in leukemia’

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<b>Place of Birth:</b>	Bad Kreuznach, Germany
<b>University Education:</b>	
1976-1977	University of Regensburg Medical School, Regensburg, Germany
1977-1979	University of Freiburg Medical School, Freiburg, Germany
1979-1980	One year scholarship at the University of Montpellier Medical School, Montpellier, France
1980-1983	University of Freiburg Medical School, Freiburg
<b>Degrees:</b>	
1985	<i>Doctor of Medicine</i> , University of Freiburg Medical School, Freiburg, Germany
1994	<i>Private Dozent (Habilitation)</i> , University of Heidelberg Medical School, Heidelberg, Germany
1999	<i>Professor of Medicine</i> , University of Ulm
<b>Board Certification</b>	
1993	Internal Medicine
1998	Hematology and Oncology
<b>Professional Experience:</b>	
1983-1985	Residency in Surgical Pathology, Institute of Pathology, St. Vincentius-Krankenhäuser (Prof. H.M. Schneider, Dr. H. Wolfmüller), Karlsruhe, Germany
1985-1988	Training in Internal Medicine / Hematology/Oncology, Medizinische Klinik and Poliklinik V (Prof. W. Hunstein), University of Heidelberg, Germany
1988-1990	Postdoctoral Associate in the Department of Medicine, Division of Oncology (Prof. Clara D. Bloomfield), and the Department of Laboratory Medicine and Pathology, Division of Medical Genetics (Prof. Diane C. Arthur), University of Minnesota, Minneapolis, MN, USA
1990-1993	Training in Internal Medicine / Hematology/Oncology, Medizinische Klinik and Poliklinik V (Prof. W. Hunstein), University of Heidelberg, Germany
1993-1999	<i>Oberarzt</i> , Division of Hematology/Oncology and Rheumatology; Department of Medicine (Director Prof. Dr. W. Hunstein; since 1997: Prof. A.D. Ho), University of Heidelberg, Heidelberg, Germany
2003-2011	Director, Department of Medicine, University Hospital Ulm
Since 1999	Medical Director, Department of Internal Medicine III, University of Ulm Medical Center
Since 2006	Director, Comprehensive Cancer Center Ulm (CCCU)
Since 2012	Coordinator, Collaborative Research Center (SFB) 1074 'Experimental models and clinical translation in leukemia'
2014-2015	Vice President for Medicine and Diversity, Ulm University
<b>Memberships</b>	
1993	American Society of Hematology
1996	German Society of Hematology/Oncology

2001	European Hematology Association
2002	American Society of Clinical Oncology
2006	Deutsche Krebsgesellschaft
2015	American Association for Cancer Research

### **Awards**

1979-80	Scholar, Deutscher Akademischer Austauschdienst
1988-90	Research Scholar, Mildred Scheel Stiftung
1995	Leukemia Clinical Research Award of the German Society of Hematology/Oncology
2009	Recipient of the Kenneth McCredie Lectureship, International Association for Comparative Research on Leukemia and Related Disorders (IACRLRD), Ohio, USA
2010	Anita- and Cuno-Wieland Research Award for Translational Cancer Research, University of Heidelberg
2011	Wilhelm-Warner Award for Cancer Research, Hamburg
2012	Elected member, Berlin-Brandenburg Academy of Sciences and Humanities
2014	2014 José Carreras Award of the European Hematology Association (EHA)
2014, 2015, 2016, 2017	Thomson Reuters Highly Cited Researcher – In recognition of ranking among the top 1% of researchers for most cited documents, in their specific field

### **Review for Journals and Organisations**

- Annals of Hematology
- Blood
- European Journal of Immunology
- Genes Chromosomes and Cancer
- Haematologica/The Hematology Journal
- International Journal of Cancer
- Journal of Clinical Oncology
- Lancet
- Leukemia
- New England Journal of Medicine
- Associazione Italiana per la Ricerca sul Cancro
- Boehringer Ingelheim Foundation
- Deutsche Forschungsgemeinschaft
- Deutsche Krebshilfe
- Elke Kröner Fresenius Stiftung
- German-Israeli Foundation for Scientific Research and Development
- Medical Research Council, London, England
- Wilhelm-Sander Stiftung

### **Board / Committee Member**

- Comprehensive Cancer Center Ulm (CCCU)
- Kompetenznetz “Acute and Chronic Leukemias”
- Scientific Committee of the *International Workshop of Chronic Lymphocytic Leukemia (IWCLL)*
- Elected Member (2004-2008), “Fachkollegium Medizin”, Deutsche Forschungsgemeinschaft
- Member, Leukemia Correlative Science Committee, Cancer and Leukemia Group B (CALGB), since 2006

- Member, Clinical Advisory Committee, WHO Classification of Hematopoietic and Lymphoid Neoplasms 2008
- Project Leader, Educational Committee, European Hematology Association (2005-2008)
- Member, Board (2003-2007), European Hematology Association (EHA)
- Member, Executive Board (2007-2012), European Hematology Association (EHA)
- Member, Hinterzartener Kreis für Krebsforschung, DFG (2008-2012)
- Elected Member, World Committee, International Association for Comparative Research on Leukemia and Related Disorders (IACRLRD) (2009-2013)
- Board of Directors, On-line Master Program “Advanced Oncology”, Ulm University
- Elected Member, Myeloid Neoplasia Committee, American Society of Hematology (2010-2013)
- Scientific Advisory Board, Center for Hematology and Regenerative Medicine (HERM), Karolinska Institute, Stockholm (since 2011)
- Appointed member, Haematology Working Group, Topic Advisory Group (TAG) for Internal Medicine, International Classification of Diseases (ICD), 11<sup>th</sup> edition (2011)
- Member of Advisory Board, Comprehensive Cancer Center Düsseldorf (since 2013)
- Member, Clinical Advisory Committee, WHO Classification of Hematopoietic and Lymphoid Neoplasms 2014
- Member, Nomination Committee, European Hematology Association (EHA)
- Member, Committee ‘Klinische Forschung, kliniknahe Grundlagenforschung’, Deutsche Krebshilfe (2014-2018)
- Member, Scientific Committee of the European School of Haematology (ESH) (2018-2020)

#### **Invited Faculty (Selected International Meetings, since 2012)**

- European School of Hematology (ESH) Updates in Clinical Hematology, Paris, France, February 2012
- Leopoldina Symposium ‘Molecular Diagnostics - Today and Tomorrow’, Venice International University, San Servolo, Italy, June 2012
- 2<sup>nd</sup> Munich Biomarker Conference, Munich, November 2012
- Acute Leukemias XIV, Munich, February 2013
- 6th Mildred Scheel Cancer Conference, Bonn, June 2013
- XXVI IACRLRD Meeting, Torino, Italy, September 2013
- Sant Pau International Course on Biology and Treatment of Hematologic Diseases, Barcelona, February 2014
- 31<sup>st</sup> German Cancer Congress, Berlin, February 2014 am 18.-19.02.2014, Berlin
- OeGHO Spring Meeting, Innsbruck, April 2014
- 19<sup>th</sup> Congress of the European Hematology Association, José Carreras Award Lecture, Milan, Juni 2014
- Annual Meeting of the German-Austrian-Swiss Societies of Hematology/Oncology: Update Diagnostik und prognostische Faktoren bei AML. Hamburg, October 2014
- The Emil J. Freireich Hematology Grand Rounds, MD Anderson Cancer Center: Genetics to Guide Management of Patients with Acute Myeloid Leukemia. Houston, Texas, 10. December 2014
- Opinion Leader Meeting, German Society of Internal Medicine; From Genome to Medicine – Acute Myeloid Leukemia. Schloss Reichartshausen, Eltville, 16.01.2015
- Acute Leukemias XV – Biology and Treatment Strategies: Molecularly Targeted Therapies – Strategies of the AMLSG. Munich, February 22-25, 2015
- Acute Leukemias XV – Biology and Treatment Strategies: Molecularly Targeted Therapies – Strategies of the AMLSG. Munich, February 22-25, 2015
- AML & MM 2015: Akute Myeloische Leukämie – Zukünftige Entwicklungen und aktuelle Studien. Graz, February 27, 2015
- L’Ematologia Nell’Era Post-Genomica: La Medicina Di Precisione: Genomic application in the clinic: acute myeloid leukemia. Pavia, Italy, 23. May 2015

- 20<sup>th</sup> Congress of the European Hematology Association, Haematologica Celebration Session: ‘Translating Molecular Genetics of AML into Clinical Care’. Vienna, 13<sup>th</sup> June 2015
- ESH International Conference on Acute Myeloid Leukemia “Molecular and Translational”: Advances in Biology and Treatment. Budapest: “Treatment of older patients considered not suitable for intensive chemotherapy.” Hungary, September 2015
- Leukemia & Lymphoma 2015: “Genomics in AML. Contributions to understanding Biology and Designing Therapy”. Dubrovnik, Croatia, September 23-25 2015.
- IV Eurasian Hematology Forum: “Molecular Genetics Guiding Treatment of Acute Myeloid Leukemia”. St. Petersburg, March 4, 2016.
- Hematological Malignancies: From Mechanisms to Therapy Symposium: “Translating Molecular Genetics of AML into Clinical Care”. Institute of European Oncology, Milano, March 10, 2016.
- 36<sup>e</sup> Congrès de la Société Française d’Hématologie: “Prognostic Molecular Markers in AML”. Paris, March 24, 2016.
- New Drugs in Hematology: “Acute Myeloid Leukemia – State of the Art of Treatment”. Bologna, May 9-11, 2016.
- 2nd International Conference Clinical and Experimental Hematology: “Clinical trial design based on molecular heterogeneity of AML”. Kazimierz Dolny, Poland, May 20-22, 2016.
- QOL-One MDS and AML Meetings: “Molecular genetics guiding treatment of AML”. Reggio Calabria, Italy, September 16-18, 2016.
- Vidaza AML Launch meeting: „AZA AML 001: International phase 3 study of azacitidine vs conventional care regimens”. Madrid, Spain, October 1, 2016.
- Joint Symposium of the Spanish Society of Hematology (SEHH) and European Hematology Association (EHA): „Unsolved questions to be addressed by European clinical trials in in AML“. Santiago de Compostela, Spain, October 22, 2016.
- Acute Leukemias XVI Meeting: “Risk-adapted therapy of AML – AMLSG trials.” Munich, February 19-21 2017.
- ESH Training Course on WHO Classification: “Genotype-tailored therapy of AML”. Dublin, Ireland, March 9-11, 2017.
- Spring Meeting of the Austrian Society of Hematology and Medical Oncology (OeGHO): “Classification and risk stratification of AML”. Bregenz, Austria, April 6-8, 2017.
- 41st Catalan Society of Hematology Annual Symposium: “New therapeutic strategies towards molecular targets in AML: logistics and results”. Barcelona, Spain, June 2, 2017.
- 22<sup>nd</sup> Congress of the European Hematology Association: Novartis Satellite Symposium: “Current recommendations for genetic testing in AML”. Madrid, Spain, June 22-25, 2017.
- 22<sup>nd</sup> Congress of the European Hematology Association: Abbvie Satellite Symposium: “Efficacy and safety of AML therapy: Current recommendations for diagnosis and management”. Madrid, Spain, June 22-25, 2017.
- Personalized treatment strategies on myeloid neoplasms: “2017 ELN recommendations for AML.” Milano, Italy, September 25-26, 2017.
- Actualización en el Tratamiento de la Leucemia Aguda: „New treatment strategies in younger adult patients.“ Madrid, September 28-30, 2017.
- XXVIII Symposium of the International Association for Comparative Research on Leukemia and Related Diseases (IACRLRD): “Molecular targets in AML”. Houston, October 30 – November 1, 2017.
- 59<sup>th</sup> Meeting of the American Society of Hematology (ASH), AML Satellite Symposium “Targeting with FLT3 Tyrosine Kinase Inhibitors in Acute Myeloid Leukemia”: “German-Austrian AML Study Group experience with FLT3 inhibitors in AML”. Atlanta, December 8-12, 2017.

- 7th Annual Symposium on Hematological Malignancies (Critical Reviews) | Saudi Arabia: “AML 2018: State of the Art” and “The Emerging Role of Novel Therapies for AML”. Riyadh, Saudi Arabia, March 3, 2018.
- BFM Plenary Meeting: Keynote Lecture “Diagnostics and therapy of AML in adults – State-of-the-Art 2018”. Ulm, March 23, 2018.
- Personalized therapies in myeloid neoplasms: “Personalised approach to AML”. Milano, May 3, 2018.
- Meet the Expert: “Factors with prognostic impact in elderly patients with AML and how to improve the outcome”. Madrid, May 30, 2018.
- 23<sup>rd</sup> Congress of the European Hematology Association: “Molecular characterization as a basis for novel treatment paradigms in AML”. Stockholm, June 17, 2018.
- Karolinska Hematology Seminar XVI: “Acute myeloid leukemia: an update”. Rånäs Castle, Norrtälje, Sweden, September 13-14, 2018.
- Actualización en el Tratamiento de la Leucemia Aguda: “Targeted agents in AML”, “The AMLSG experience with FLT3 inhibitors”. Madrid, Spain, September 28-29, 2018.
- The 80th Annual Meeting of Japanese Society of Hematology: “Molecular targeted therapy of acute myeloid leukemia “. Osaka, Japan, October 12, 2018.
- Singapore General Hospital and National University Hospital Singapore: “Overview of AML management landscape”. Singapore, January 31-February 1, 2019.
- Acute Leukemia XVII (ISALXVII) – Biology and Treatment Strategies: “Molecular Targeted Therapies in AMLSG Portfolio”. Munich, February 25, 2019.
- 7th International Congress on Leukemia Lymphoma Myeloma: “AML Treatment Beyond 3+7”. Istanbul, Turkey, May 2-4, 2019.
- VI Eurasian Hematology Forum: “Molecular genetics guiding treatment of AML”. Moscow, Russian Federation, May 17-19, 2019.

## **Selected Publications:**

### **2019**

- Blätte T, Schmalbrock L, Skambraks S, Lux S, Cocciardi S, Dolnik A, Döhner H, Döhner K, Bullinger L. getITD for FLT3-ITD based MRD monitoring in AML. **Leukemia**. 2019 May 14. doi: 10.1038/s41375-019-0483-z. [Epub ahead of print]
- Cocciardi S, Dolnik A, Kapp-Schwoerer S, Rücker FG, Hirsch S, Blätte TJ, Skambraks S, Krönke J, Corbacioglu A, Gaidzik VI, Paschka P, Teleanu V, Göhring G, Thol F, Heuser M, Ganser A, Weber D, Sträng E, Kestler HA, Holzmann K, Döhner H, Bullinger L\*, Döhner K.\* Clonal evolution patterns in acute myeloid leukemia (AML) with NPM1 mutation. **Nat Commun**. 2019;10(1):2031
- Scheffold A, Jebaraj BMC, Tausch E, Bloehdorn J, Ghia P, Yahiaoui A, Dolnik A, Blätte TJ, Bullinger L, Dheenadayalan RP, Li L, Schneider C, Chen SS, Chiorazzi N, Dietrich S, Seiffert M, Tannheimer S, Döhner H, Mertens D, Stilgenbauer S. IGF1R as druggable target mediating PI3K- $\delta$  inhibitor resistance in a murine model of chronic lymphocytic leukemia. **Blood**. 2019 Apr 22. pii: blood.2018881029
- Basheer F, Giotopoulos G, Meduri E, Yun H, Mazan M, Sasca D, Gallipoli P, Marando L, Gozdecka M, Asby R, Sheppard O, Dudek M, Bullinger L, Döhner H, Dillon R, Freeman S, Ottmann O, Burnett A, Russell N, Papaemmanuil E, Hills R, Campbell P, Vassiliou GS, Huntly BJP. Contrasting requirements during disease evolution identify EZH2 as a therapeutic target in AML. **J Exp Med**. 2019;216(4):966-981.
- Sanz MA, Fenaux P, Tallman MS, Estey EH, Löwenberg B, Naoe T, Lengfelder E, Döhner H, Burnett AK, Chen SJ, Mathews V, Iland H, Rego E, Kantarjian H, Adès L, Avvisati G, Montesinos P, Platzbecker U, Ravandi F, Russell NH, Lo-Coco F. Management of acute promyelocytic leukemia: updated recommendations from an expert panel of the European LeukemiaNet. **Blood**. 2019;133(15):1630-1643.
- Schlenk RF, Weber D, Herr W, Wulf G, Salih HR, Derigs HG, Kuendgen A, Ringhoffer M, Hertenstein B, Martens UM, Griebhammer M, Bernhard H, Krauter J, Girschikofsky M, Wolf D, Lange E, Westermann J, Koller E, Kremers S, Wattad M, Heuser M, Thol F, Göhring G, Haase D, Teleanu V, Gaidzik V, Benner

A, Döhner K, Ganser A, Paschka P, Döhner H. Randomized phase-II trial evaluating induction therapy with idarubicin and etoposide plus sequential or concurrent azacitidine and maintenance therapy with azacitidine. **Leukemia**. 2019 Feb 6. doi: 10.1038/s41375-019-0395-y. [Epub ahead of print]

Schlenk RF, Weber D, Fiedler W, Salih HR, Wulf G, Salwender H, Schroeder T, Kindler T, Lübbert M, Wolf D, Westermann J, Kraemer D, Götze KS, Horst HA, Krauter J, Girschikofsky M, Ringhoffer M, Südhoff T, Held G, Derigs HG, Schroers R, Greil R, Griebhammer M, Lange E, Burchardt A, Martens U, Hertenstein B, Marretta L, Heuser M, Thol F, Gaidzik VI, Herr W, Krzykalla J, Benner A, Döhner K, Ganser A, Paschka P, Döhner H. Midostaurin added to chemotherapy and continued single agent maintenance therapy in acute myeloid leukemia with FLT3-ITD. **Blood**. 2019;133(8):840-851.

Close V, Close W, Kugler SJ, Reichenzeller M, Yosifov DY, Bloehdorn J, Pan L, Tausch E, Westhoff MA, Döhner H, Stilgenbauer S, Oswald F, Mertens D. FBXW7 mutations reduce binding of NOTCH1, leading to cleaved NOTCH1 accumulation and target gene activation in CLL. **Blood**. 2019;133(8):830-839.

## 2018

Döhner H, Dolnik A, Tang L, Seymour JF, Minden MD, Stone RM, Del Castillo TB, Al-Ali HK, Santini V, Vyas P, Beach CL, MacBeth KJ, Skikne BS, Songer S, Tu N, Bullinger L, Dombret H. Cytogenetics and gene mutations influence survival in older patients with acute myeloid leukemia treated with azacitidine or conventional care. **Leukemia**. 2018;32(12):2546-2557

Thol F, Gabdoulline R, Liebich A, Klement P, Schiller J, Kandziora C, Hambach L, Stadler M, Koenecke C, Flintrop M, Pankratz M, Wichmann M, Nezirli B, Büttner K, Heida B, Klesse S, Chaturvedi A, Kloos A, Göhring G, Schlegelberger B, Gaidzik VI, Bullinger L, Fiedler W, Heim A, Hamwi I, Eder M, Krauter J, Schlenk RF, Paschka P, Döhner K, Döhner H, Ganser A, Heuser M. Measurable residual disease (MRD) monitoring by NGS before allogeneic hematopoietic cell transplantation in AML. **Blood**. 2018;132(16):1703-1713

Cortes J, Perl A, Döhner H, Kantarjian H, Martinelli G, Kovacovics T, Rousselot P, Steffen B, Dombret H, Estey E, Strickland S, Altman J, Baldus C, Burnett A, Krämer A, Russell N, Shah N, Smith C, Wang E, Ifrah N, Gammon G, Trone D, Lazzaretto D, Levis M. Quizartinib, an FLT3 inhibitor, as monotherapy in patients with relapsed or refractory acute myeloid leukemia: an open-label, multicenter, phase 2 trial. **Lancet Oncol**. 2018;19(7):889-903.

Paschka P, Schlenk RF, Weber D, Benner A, Bullinger L, Heuser M, Gaidzik VI, Thol F, Agrawal M, Teleanu V, Lübbert M, Fiedler W, Radsak M, Krauter J, Horst HA, Greil R, Mayer K, Kündgen A, Martens U, Heil G, Salih HR, Hertenstein B, Schwänen C, Wulf G, Lange E, Pfreundschuh M, Ringhoffer M, Girschikofsky M, Heinicke T, Kraemer D, Göhring G, Ganser A, Döhner K, Döhner H. Adding dasatinib to intensive treatment in core-binding factor acute myeloid leukemia-results of the AMLSG 11-08 trial. **Leukemia**. 2018;32(7):1621-1630.

Hallek M, Cheson BD, Catovsky D, Caligaris-Cappio F, Dighiero G, Döhner H, Hillmen P, Keating M, Montserrat E, Chiorazzi N, Stilgenbauer S, Rai KR, Byrd JC, Eichhorst B, O'Brien S, Robak T, Seymour JF, Kipps TJ. Guidelines for diagnosis, indications for treatment, response assessment and supportive management of chronic lymphocytic leukemia. **Blood**. 2018;131(25):2745-2760.

Bhayadia R, Krowiorz K, Haetscher N, Jammal R, Emmrich S, Obulkasim A, Fiedler J, Schwarzer A, Rouhi A, Heuser M, Wingert S, Bothur S, Döhner K, Mätzig T, Ng M, Reinhardt D, Döhner H, Zwaan CM, van den Heuvel Eibrink M, Heckl D, Fornerod M, Thum T, Humphries RK, Rieger MA, Kuchenbauer F,\* Klusmann JH.\* The endogenous tumor suppressor microRNA-193b: therapeutic and prognostic value in acute myeloid leukemia. **J Clin Oncol**. 2018; 36(10):1007-1016.

Gaidzik VI, Weber D, Paschka P, Kaumanns A, Krieger S, Corbacioglu A, Krönke J, Kapp-Schwoerer S, Krämer D, Horst HA, Schmidt-Wolf I, Held G, Kündgen A, Ringhoffer M, Götze K, Kindler T, Fiedler W, Wattad M, Schlenk RF, Bullinger L, Teleanu V, Schlegelberger B, Thol F, Heuser M, Ganser A, Döhner H, Döhner K. DNMT3A mutant transcript levels persist in remission and do not predict outcome in patients with acute myeloid leukemia. **Leukemia**. 2018;32(1):30-37.

## 2017

Fink AM, Bahlo J, Robrecht S, Al-Sawaf O, Aldaoud A, Hebart H, Jentsch-Ullrich K, Dörfel S, Fischer K, Wendtner CM, Nösslinger T, Ghia P, Bosch F, Kater AP, Döhner H, Kneba M, Kreuzer KA, Tausch E, Stilgenbauer S, Ritgen M, Böttcher S, Eichhorst B, Hallek M. Lenalidomide maintenance after first-line

therapy for high-risk chronic lymphocytic leukaemia (CLLM1): final results from a randomised, double-blind, phase 3 study. **Lancet Haematol.** 2017;4(10):e475-e486

Krämer I, Stilgenbauer S, Dietrich S, Böttcher S, Zeis M, Stadler M, Bittenbring J, Uharek L, Scheid C, Hegenbart U, Ho A, Hallek M, Kneba M, Schmitz N, Döhner H, Dreger P. Allogeneic hematopoietic cell transplantation for high-risk CLL: 10-year follow-up of the GCLLSG CLL3X trial. **Blood.** 2017;130(12):1477-1480.

Stone RM, Mandrekar SJ, Sanford BL, Laumann K, Geyer S, Bloomfield CD, Thiede C, Prior TW, Döhner K, Marcucci G, Lo-Coco F, Klisovic RB, Wei A, Sierra J, Sanz MA, Brandwein JM, de Witte T, Niederwieser D, Appelbaum FR, Medeiros BC, Tallman MS, Krauter J, Schlenk RF, Ganser A, Serve H, Ehninger G, Amadori S, Larson RA, Döhner H. Midostaurin plus chemotherapy for acute myeloid leukemia with a FLT3 mutation. **N Engl J Med.** 2017;377(5):454-464

Bullinger L, Döhner K, Döhner H. Genomics of acute myeloid leukemia diagnosis and pathways. **J Clin Oncol.** 2017;35(9):934-946.

Gerstung M,\* Papaemmanuil E,\* Martincorena I, Bullinger L, Gaidzik VI, Paschka P, Heuser M, Thol F, Bolli N, Ganly P, Ganser A, McDermott U, Döhner K, Schlenk RF, Döhner H,\* Campbell PJ.\* Precision oncology for acute myeloid leukemia using a knowledge bank approach. **Nat Genet.** 2017;49(3):332-340.  
\*Equal contribution

Jahn N, Agrawal M, Bullinger L, Weber D, Corbacioglu A, Gaidzik VI, Schmalbrock L, Thol F, Heuser M, Krauter J, Göhring G, Kündgen A, Fiedler W, Wattad M, Held G, Köhne CH, Horst HA, Lübbert M, Ganser A, Schlenk RF, Döhner H, Döhner K, Paschka P. Incidence and prognostic impact of ASXL2 mutations in adult acute myeloid leukemia patients with t(8;21)(q22;q22): A study of the German-Austrian AML study group (AMLSG). **Leukemia.** 2017;31(4):1012-1015.

Krönke J, Kuchenbauer F, Kull M, Teleanu V, Bullinger L, Bunjes D, Greiner A, Kolmus S, Köpff S, Schreder M, Mügge LO, Straka C, Engelhardt M, Döhner H, Einsele H, Bassermann F, Bargou R, Knop S, Langer C. IKZF1 expression is a prognostic marker in newly diagnosed standard-risk multiple myeloma treated with lenalidomide and intensive chemotherapy: a study of the German Myeloma Study Group (DSMM). **Leukemia.** 2017;31(6):1363-1367.

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