

Prof. Dr. Hartmut 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, 2006-2021 Director of the Comprehensive Cancer Center Ulm (since July 2021 Deputy Director), since 2020 member of the Scientific Steering Committee of the National Center for Tumor Diseases (NCT), 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 Hintertztener 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, klinische Grundlagenforschung” of the Deutsche Krebshilfe (2015-2018); Member of the Scientific Committee, European School of Haematology (ESH) (2018-2020); Member of the American Society of Hematology (ASH) Award Committee (2022-2025).

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, and of the Johann-Georg-Zimmermann-Medaille 2020/2021 for Cancer Research; 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). [January 2023]

Current Positions:

- Medical Director, Department of Internal Medicine III (Hematology, Oncology, Palliative Medicine, Rheumatology, and Infectious Diseases), University Hospital Ulm, Ulm, Germany
 - Member, Scientific Steering Committee, National Center of Tumor Diseases (NCT)
 - Deputy Director, Comprehensive Cancer Center Ulm (CCCU)
 - Coordinating Investigator, Collaborative Research Center (SFB) 1074 ‘Experimental models and clinical translation in leukemia’
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Place of Birth: Bad Kreuznach, Germany

University Education:
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

Degrees:
1985 *Doctor of Medicine*, University of Freiburg Medical School, Freiburg, Germany
1994 *Private Dozent (Habilitation)*, University of Heidelberg Medical School, Heidelberg, Germany
1999 *Professor of Medicine*, University of Ulm

Board Certification
1993 Internal Medicine
1998 Hematology and Oncology

Professional Experience:
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 *Oberarzt*, 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
2018-2020 Director, Department of Medicine, University Hospital Ulm

Memberships
1993 American Society of Hematology
1996 German Society of Hematology/Oncology
2001 European Hematology Association
2002 American Society of Clinical Oncology
2006 Deutsche Krebsgesellschaft

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	José Carreras Award of the European Hematology Association (EHA)
2019	Medal of the Polish Society of Haematologists and Transfusiologists in acknowledgement of his special merit in the field of international haematology and his significant contribution to the development of this science
2019	Binet-Rai Medal of the International Workshop of Chronic Lymphocytic Leukemia in acknowledgement of his outstanding scientific achievements in CLL research
2021	Johann-Georg-Zimmermann-Medaille 2020/2021 for Cancer Research
2021	Yohei Ito Memorial Lecture, XXX IACRLRD Smposium “Precision Medicine in AML”. Beirut, Libanon
2022	David Grimwade Memorial Lecture at the 4th UK NCRI AML Academy: “The International Consensus Classification and 2022 ELN recommendations”. Birmingham, UK
Since 2014	Clarivate Web of Science 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), 11th 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)
- Member, Scientific Advisory Board, Center for Cancer Research of Marseille (CRCM) and Institut Paoli-Calmettes (IPC), Marseille, France (since 2019)

Invited Faculty (Selected International Meetings, since 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
- 20th Congress of the European Hematology Association, Haematologica Celebration Session: ‘Translating Molecular Genetics of AML into Clinical Care’. Vienna, 13th 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^e 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.
- 22nd Congress of the European Hematology Association: Novartis Satellite Symposium: “Current recommendations for genetic testing in AML”. Madrid, Spain, June 22-25, 2017.
- 22nd 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.
- 59th 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.
- 23rd 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.
- 28th Congress of the Polish Society of Haematology and Transfusion Medicine: “Molecular Background of AML”. Łódź, Poland, September 12-14, 2019
- QOL-One IV Annual Hematology Conference: “AML beyond ‘3+7’”. Reggio Calabria, September 18-20, 2019
- Scientific chair, ESH 5th International Conference on AML "Molecular and Translational": Advances in Biology and Treatment. Estoril, Portugal, October 24-26, 2019
- 2020 Joint Annual Congress of Taiwan Society of Blood and Marrow Transplantation and The Hematology Society of Taiwan: “Evolving Treatment Landscape of AML with FLT3 Mutations”: Virtual, August 1, 2020.
- 8th International Congress on Leukemia-Lymphoma-Myeloma (virtual), Turkish Society of Hematology: “Combining new agents with ‘,7+3’ chemotherapy in fit patients with AML”. May 21-22, 2021.
- XXX IACRLRD (International Association for Comparative Research on Leukemia and Related Diseases) Symposium (hybrid): Yohei Ito Memorial Lecture “Precision Medicine in AML”. Beirut, Libanon, October 13-16, 2021.
- 2022 Korean Society of Hematology (KSH) International Conference & 64th Annual Meeting (ICKSH 2022): “Toward precision medicine in AML”. Seoul, Korea; April 1st, 2022 (virtual).
- Bloomfield and de la Chapelle Memorial Event: “Obituary to Prof. Clara D. Bloomfield”. Columbus, Ohio, US, June 1st, 2022.
- 27th Congress of the European Hematology Association (EHA): “Validated prognostic and therapeutic targets – in the light of the 2022 ELN recommendations”. Vienna, June 9-12, 2022.
- Acute Leukemia Masterclass: “International Consensus Classification & 2022 European LeukemiaNet recommendation for AML”; “How to treat IDH1-mutant AML at diagnosis?”; “Innovative treatment for relapsed AML”. Dubai, June 25, 2022.
- QOL-ONE V Annual Conference: “International Consensus Classification and 2022 ELN recommendations of AML”. Reggio, Calabria, Italy; July 8, 2022.
- 4th UK NCRI AML Academy: David Grimwade Memorial Lecture “The International Consensus Classification and 2022 ELN recommendations”. Birmingham, UK; September 23, 2022.
- LXIV Congreso Nacional de la Sociedad Española de Hematología y Hemoterapia (SEHH): “2022 ELN recommendations for AML – Update of genetic risk classification”. Barcelona, Spain; October 6, 2022.
- 11th MDAnderson Leukemia Meeting: “The International Consensus Classification and 2022 ELN recommendations of AML”; “Targeting IDH mutations in AML” (virtual). Madrid, Spain; October 28-29, 2022.

- Princess Margaret Cancer Centre Leukemia Update: “The International Consensus Classification and 2022 ELN recommendations of AML”. Virtual Meeting; November 4, 2022.
- 50th anniversary of the Centre de Recherche en Cancérologie de Marseille (CRCM): “Molecular genetics of AML”. Marseille, France; November 17, 2022.
- Best of ASH Meeting: “Acute Myeloid Leukemia”. Kuwait, January 14, 2023.
- Annual Meeting of the Swedish AML Group: “ELN 2022 recommendations and beyond”. Sigtuna, Sweden, January 20, 2023.
- Essence of ASH & 46. Annual Conference of Mumbai Hematology Group: “The International Consensus Classification and 2022 ELN recommendations”; “Combining new agents with „7+3“chemotherapy in AML”; “Targeted therapies for older AML patients”. Mumbai, India, January 26-28, 2023.

Selected Publications:

2023

- Orazi A, Hasserjian RP, Cazzola M, Döhner H, Tefferi A, Arber DA. International Consensus Classification for Myeloid Neoplasms At-A-Glance. **Am J Hematol.** 2023 Jan;98(1):6-10.
- de Botton S, Montesinos P, Schuh A, Papayannidis C, Vyas P, Wei AH, Ommen HB, Semochkin S, Kim HJ, Larson RA, Koprivnikar J, Frankfurt O, Thol FR, Chromik J, Byrne JL, Pigneux A, Thomas X, Salamero O, Vidriales MB, Daronin VA, Döhner H, Fathi AT, Laille E, Yu X, Hasan M, Martín-Regueira P, DiNardo CD. Enasidenib vs conventional care in mutant-IDH2 relapsed/refractory acute myeloidleukemia: a randomized, phase 3 trial. **Blood.** 2023 Jan 12;141(2):156-167.

2022

- Duncavage EJ, Bagg A, Hasserjian RP, DiNardo CD, Godley LA, Iacobucci I, Jaiswal S, Malcovati L, Vannucchi AM, Patel KP, Arber DA, Arcila ME, Bejar R, Berliner N, Borowitz MJ, Branford S, Brown AL, Cargo CA, Döhner H, Falini B, Garcia-Manero G, Haferlach T, Hellström-Lindberg E, Kim AS, Klco JM, Komrokji RS, Loh ML, Loghavi S, Mullighan CG, Ogawa S, Tefferi A, Papaemmanuil E, Reiter A, Ross DM, Savona MR, Shimamura A, Skoda RC, Sole F, Stone RM, Orazi A, Walter MJ, Wu D, Ebert BL, Cazzola M. Genomic Profiling for Clinical Decision Making in Myeloid Neoplasms and Acute Leukemia. **Blood.** 2022 Nov 24;140(21):2228-2247.
- Döhner H, Wei AH, Roboz GJ, Montesinos P, Thol FR, Ravandi F, Dombret H, Porkka K, Sandhu I, Skikne BS, See WL, Ugidos M, Risueño A, Chan ET, Thakurta A, Beach CL, Lopes de Menezes D. Prognostic impact of NPM1 and FLT3 mutations in patients with AML in first remission treated with oral azacitidine. **Blood.** 2022 Oct 13;140(15):1674-1685
- Tazi Y, Arango-Ossa JE, Zhou Y, Bernard E, Thomas I, Gilkes A, Freeman S, Pradat Y, Johnson SJ, Hills R, Dillon R, Levine MF, Leongamornlert D, Butler A, Ganser A, Bullinger L, Döhner K, Ottmann O, Adams R, Döhner H, Campbell PJ, Burnett AK, Dennis M, Russell NH, Devlin SM, Huntly BJP, Papaemmanuil E. Unified classification and risk-stratification in Acute Myeloid Leukemia. **Nat Commun.** 2022;13(1):4622
- Jahn N,* Jahn E,* Saadati M, Bullinger L, Larson RA, Ottone T, Amadori S, Prior TW, Brandwein JM, Appelbaum FR, Medeiros BC, Tallman MS, Ehninger G, Heuser M, Ganser A, Pallaud C, Gathmann I, Krzykalla J, Benner A, Bloomfield CD, Thiede C, Stone RM, Döhner H, Döhner K. Genomic landscape of patients with FLT3-mutated acute myeloid leukemia (AML) treated within the CALGB 10603/RATIFY trial. **Leukemia.** 2022 Sep;36(9):2218-222.
- Döhner H, Wei AH, Appelbaum FR, Craddock C, Dombret H, Ebert BL, Fenaux P, Godley LA, Hasserjian RP, Larson RA, Levine RL, Miyazaki Y, DiNardo CD, Niederwieser D, Ossenkoppele G, Röllig C, Sierra J, Stein E, Tallman MS, Tien HF, Wang J, Wiersbowska A, Löwenberg B. Diagnosis and management of acute myeloid leukemia in adults: 2022 recommendations from an international expert panel, on behalf of the European LeukemiaNet. **Blood.** 2022 Sep 22;140(12):1345-1377.
- Arber DA, Orazi A, Hasserjian RP, Borowitz MJ, Calvo KR, Kvasnicka HM, Wang SA, Bagg A, Barbui T, Branford S, Bueso-Ramos CE, Cortes J, Dal Cin P, DiNardo CD, Dombret H, Duncavage EJ, Ebert BL, Estey E, Facchetti F, Foucar K, Gangat N, Gianelli U, Godley LA, Goekbuget N, Gotlib JR, Hellström-Lindberg E, Hobbs G, Hoffman R, Jabbour EJ, Kiladjan JJ, Larson RA, Le Beau MM, Loh ML, Löwenberg

B, Macintyre EA, Malcovati L, Mullighan CG, Niemeyer CM, Odenike O, Ogawa S, Orfao A, Papaemmanuil E, Passamonti F, Porkka K, Pui CH, Radich JP, Reiter A, Rozman M, Rudelius M, Savona MR, Schiffer C, Schmitt-Graeff A, Shimamura A, Sierra J, Stock W, Stone RM, Tallman MS, Thiele J, Tien HF, Tzankov A, Vannucchi AM, Vyas P, Wei AH, Weinberg OK, Wierzbowska A, Cazzola M, Döhner H, Tefferi A. International Consensus Classification of Myeloid Neoplasms and Acute Leukemia: Integrating Morphological, Clinical, and Genomic Data. **Blood**. 2022;140(11):1200-1228.

Zeidan AM, Fenaux P, Gobbi M, Mayer J, Roboz GJ, Krauter J, Robak T, Kantarjian HM, Novak J, Jedrzejczak WW, Thomas X, Ojeda-Uribe M, Miyazaki Y, Min YH, Yeh SP, Brandwein JM, Gercheva LT, Demeter J, Griffiths EA, Yee KW, Issa JJ, Bewersdorf JPP, Keer HN, Hao Y, Azab M, Döhner H. Prospective comparison of outcomes with azacitidine and decitabine in AML patients ineligible for intensive chemotherapy. **Blood**. 2022;140(3):285-289.

Döhner H, Weber D, Krzykalla J, Fiedler W, Wulf GG, Salih HR, Lübbert M, Kühn M, Schroeder T, Salwender H, Götze KS, Westermann J, Fransecky L, Mayer K, Hertenstein B, Ringhoffer M, Tischler HJ, Machherndl-Spandl S, Schrade A, Paschka P, Gaidzik VI, Theis F, Thol FR, Heuser M, Schlenk RF, Bullinger L, Saadati M, Benner A, Larson RA, Stone RM, Döhner K, Ganser A. Midostaurin plus intensive chemotherapy for younger and older patients with AML and FLT3 internal tandem duplications. **Blood Adv**. 2022 Sep 27;6(18):5345-5355.

Montesinos P,* Recher C,* Vives S, Zarzycka E, Wang J, Bertani G, Heuser M, Calado RT, Schuh AC, Yeh SP, Daigle SR, Hui J, Pandya SS, Gianolio DA, De Botton S,* Döhner H.* Ivosidenib and azacitidine in IDH1-mutated acute myeloid leukemia. **N Engl J Med**. 2022;386(16):1519-1531. *Equal contribution

Ng YLD, Ramberger E, Bohl SR, Dolnik A, Steinebach C, Conrad T, Müller S, Popp O, Kull M, Haji M, Gütschow M, Döhner H, Walther W, Keller U, Bullinger L, Mertins P, Krönke J. Proteomic profiling reveals CDK6 upregulation as a targetable resistance mechanism for lenalidomide in multiple myeloma. **Nat Commun**. 2022;13(1):1009.

Arber DA, Hasserjian RP, Orazi A, Mathews V, Roberts AW, Schiffer CA, Roug AS, Cazzola M, Döhner H, Tefferi A. Classification of myeloid neoplasms/acute leukemia: global perspectives and the International Consensus Classification (ICC) approach. **Am J Hematol**. 2022;97(5):514-518.

Roboz GJ, Ravandi F, Wei AH, Dombret H, Thol F, Voso MT, Schuh AC, Porkka K, La Torre I, Skikne BS, Zhong J, Beach CL, Risueño A, Lopes de Menezes D, Ossenkuppele GJ, Döhner H. Oral azacitidine prolongs survival of patients with AML in remission independent of measurable residual disease status. **Blood**. 2022;139(14):2145-2155.

Huber H, Edenhofer S, von Tresckow J, Robrecht S, Zhang C, Tausch E, Schneider C, Bloehdorn J, Fürstenau M, Dreger P, Ritgen M, Illmer T, Illert AL, Durig J, Böttcher S, Niemann CU, Kneba M, Fink AM, Fischer K, Döhner H, Hallek M, Eichhorst B, Stilgenbauer S. Phase 2 study of obinutuzumab (GA-101), ibrutinib and venetoclax (CLL2-GIVe) in patients with untreated high-risk chronic lymphocytic leukemia. **Blood**. 2022;139(9):1318-1329.

Pratz KW, Jonas BA, Pullarkat V, Recher C, Schuh AC, Thirman MJ, Garcia JS, DiNardo CD, Vorobyev V, Fracchiolla NS, Yeh SP, Jang JH, Ozcan M, Yamamoto K, Illes A, Zhou Y, Dail M, Chyla B, Potluri J, Döhner H. Measurable residual disease response and prognosis in treatment-naïve acute myeloid leukemia with venetoclax and azacitidine. **J Clin Oncol**. 2022;40(8):855-86.

Estey E, Hasserjian RP, Döhner H. Distinguishing AML from MDS: A fixed blast percentage may no longer be optimal. **Blood**. 2022;139(3):323-332.

Rücker FG, Du L, Luck TJ, Benner A, Krzykalla J, Gathmann I, Voso MT, Amadori S, Prior TW, Brandwein JM, Appelbaum FR, Medeiros BC, Tallman MS, Savoie L, Sierra J, Pallaud C, Sanz MA, Jansen JH, Niederwieser D, Fischer T, Ehninger G, Heuser M, Ganser A, Bullinger L, Larson RA, Bloomfield CD, Stone RM, Döhner H, Thiede C, Döhner K. Molecular landscape and prognostic impact of FLT3-ITD insertion site in acute myeloid leukemia: RATIFY study results. **Leukemia**. 2022;36(1):90-99.

2021

Döhner H, Wei A, Löwenberg B. Towards precision medicine for AML. **Nat Rev Clin Oncol**. 2021;18(9):577-590.

DiNardo C, Schuh AC, Stein EM, Montesinos P, Wei AH, de Botton S, Zeidan AM, Fathi AT, Quek L, Kantarjian H, Bennett JM, Frattini MG, Martin-Regueira P, Lersch F, Gong J, Hasan M, Vyas P, Döhner H. Enasidenib in combination with azacitidine versus azacitidine alone in patients with newly diagnosed mutant-IDH2

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