

LEUKÆMI

Hypomethylation and up-regulation of PD-1 in T cells by azacytidine in MDS/AML patients: A rationale for combined targeting of PD-1 and DNA methylation. Ørskov, A.D., Treppendahl, M.B., Skovbo, A., Holm, M.S., Friis, L.S., Hokland, M., Grønbæk, K.. 2015: Oncotarget. 6, 11, 9612-26.

Hypermethylation of the VTRNA1-3 Promoter is Associated with Poor Outcome in Lower Risk Myelodysplastic Syndrome Patients. Helbo AS, Treppendahl M, Aslan D, Dimopoulos K, Nandrup-Bus C, Holm MS, Andersen MK, Liang G, Kristensen LS, Grønbæk K. 2015: Genes (Basel). 6, 4, 977-90. doi: 10.3390/genes6040977.

Validation of the revised international prognostic scoring system (IPSS-R) in patients with lower-risk myelodysplastic syndromes: a report from the prospective European LeukaemiaNet MDS (EUMDS) registry. de Swart L¹, Smith A², Johnston TW², Haase D³, Drost J¹, Fenaux P⁴, Symeonidis A⁵, Sanz G⁶, Hellström-Lindberg E⁷, Cermák J⁸, Germing U⁹, Stauder R¹⁰, Georgescu O¹¹, MacKenzie M¹, Malcovati L¹², Holm MS¹³, Almeida AM¹⁴, Mädry K¹⁵, Slama B¹⁶, Guerci-Bresler A¹⁷, Sanhes L¹⁸, Beyne-Rauzy O¹⁹, Luño E²⁰, Bowen D²¹, de Witte T. 2015: Br J Haematol. 170, 3, 372-83. doi: 10.1111/bjh.13450. Epub 2015 Apr 24.

Monitoring minimal residual disease in acute myeloid leukaemia: a review of the current evolving strategies. Ommen HB. 2016: Ther Adv Hematol. 7, 1, 3-16. doi: 10.1177/2040620715614529. Review.

Epidemiology and Clinical Significance of Secondary and Therapy-Related Acute Myeloid Leukemia: A National Population-Based Cohort Study. Granfeldt Østgård LS, Medeiros BC, Sengeløv H, Nørgaard M, Andersen MK, Dufva IH, Friis LS, Kjeldsen E, Marcher CW, Preiss B, Severinsen M, Nørgaard JM. 2015: J Clin Oncol. 1, 33, 31, 3641-9. doi: 10.1200/JCO.2014.60.0890. Epub 2015 Aug 24. PubMed PMID: 26304885.

Acute Myeloid Leukemia in Adolescents and Young Adults Treated in Pediatric and Adult Departments in the Nordic Countries. Wennström L, Edslev PW, Abrahamsson J, Nørgaard JM, Fløisand Y, Forestier E, Gustafsson G, Heldrup J, Hovi L, Jahnukainen K, Jonsson OG, Lausen B, Palle J, Zeller B, Holmberg E, Juliusson G, Stockelberg D, Hasle H; Nordic Society of Paediatric Haematology and Oncology (NOPHO), the Danish Acute Leukemia Group, and the Swedish Acute Myeloid Leukemia Group. 2016: Pediatr Blood Cancer. 63, 1, 83-92. doi: 10.1002/pbc.25713. Epub 2015 Aug 18. PubMed PMID: 26281822.

Comorbidity and performance status in acute myeloid leukemia patients: a nation-wide population-based cohort study. Østgård LS, Nørgaard JM, Sengeløv H, Severinsen M, Friis LS, Marcher CW, Dufva IH, Nørgaard M. 2015: Leukemia. 29, 3, 548-55. doi: 10.1038/leu.2014.234. Epub 2014 Aug 5. PubMed PMID: 25092141.

A certified plasmid reference material for the standardisation of BCR-ABL1 mRNA quantification by real-time quantitative PCR. White H, Deprez L, Corbisier P, Hall V, Lin F, Mazoua S, Trapmann S, Aggerholm A et al. 2015: Leukemia. 29, 2, 369-76. doi: 10.1038/leu.2014.217.

Advancing the Minimal Residual Disease Concept in Acute Myeloid Leukemia. Hokland P, Ommen HB, Mulé MP, Hourigan CS. 2015: Seminars in Hematology. 52, 3, 184-92. doi: 10.1053/j.seminhematol.2015.04.001.

Critical methodological factors in diagnosing minimal residual disease in hematological malignancies using quantitative PCR. Nyvold CG. 2015: Expert Review of Molecular Diagnostics. 12, 1-4. doi: 10.1586/14737159.2015.1014341.

The kinetics of relapse in DEK-NUP214 positive acute myeloid leukemia patients. Ommen HB, Touzart A, MacIntyre E, Kern W, Haferlach T, Haferlach C, Hokland P. 2015: European Journal of Hematology. 21. doi: 10.1111/ejh.12511.

Real World data on Acute Myeloid Leukemia therapy from the Developing World – an eye-opener. Hokland P, Cotter F. 2015: 8. 10.1111(13410).25855402. doi: 10.1111/bjh.113410.

The applicability of the WHO classification in paediatric AML. A NOPHO-AML study. Sandahl JD, Kjeldsen E, Abrahamsson J, Ha S-Y, Heldrup J, Jahnukainen K et al. 2015: British Journal of Haematology. 169, 6, 859-67. doi: 10.1111/bjh.13366.

Survival of patients with chronic myeloproliferative neoplasms and new primary cancers: a population-based cohort study. Frederiksen H, Farkas DK, Christiansen CF, Larsen TS, Hasselbalch HC, Stentoft J et al. 2015: The Lancet Haematology. 2, 7, e289-96. doi: 10.1016/S2352-3026(15)00092-7.

Erratum to Myelodysplastic Syndromes Are Propagated by Rare and Distinct Human Cancer Stem Cells In Vivo [Cancer Cell 25, 794–808; June 16, 2014]. Petter S. Woll, Una Kjällquist, Onima Chowdhury, Helen Doolittle, David C. Wedge, Supat Thongjuea, Rikard Erlandsson, Mtakai Ngara, Kristina Anderson, Qiaolin Deng, Adam J. Mead, Laura Stenson, Alice Giustacchini, Sara Duarte, Eleni Giannoulatou, Stephen Taylor, Mohsen Karimi, Christian Scharenberg, Teresa Mortera-Blanco, Iain C. Macaulay, Sally-Ann Clark, Ingunn Dybdal, Dag Josefson, Pierre Fenaux, Peter Hokland, Mette S. Holm, Mario Cazzola, Luca Malcovati, Sudhir Tauri, David Bowen, Jacqueline Boultood, Andrea Pellagatti, John E. Pimanda, Ashwin Unnikrishnan, Paresh Vyas, Gudrun Goehring, Brigitte Schlegelberger, Magnus Tobiasson, Gunnar Kvalheim, Stefan N. Constantinescu, Claus Nerlov, Lars Nilsson, Peter J. Campbell, Rickard Sandberg, Elli Papaemmanuil, Eva Hellström-Lindberg, Sten Linnarsson, & Sten Eirik W. Jacobsen. 2015: Cancer Cell. 27, 4, 603-605 doi.org/10.1016/j.ccr.2015.03.003.

LYMFOM

Nature and nurture: a case of transcending haematological pre-malignancies in a pair of monozygotic twins adding possible clues on the pathogenesis of B-cell proliferations. Hansen MC, Nyvold CG, Roug AS, Kjeldsen E, Villesen P, Nederby L, Hokland P. 2015: Br J Haematol. 169, 3, 391-400.

Soluble CD163 as a prognostic biomarker in B-cell chronic lymphocytic leukemia. Nederby, L., Roug, A.S., Knudsen, S.S., Skovbo, A., Kjeldsen, E., Moller, H.J., Hokland, M. 2015: Leuk Lymphoma, 56, 11, 3219-21.

A population-based study of prognosis in advanced stage follicular lymphoma managed by watch and wait. El-Galaly TC1, Bilgrau AE, de Nully Brown P, Mylam KJ, Ahmad SA, Pedersen LM, Gang AO, Bentzen HH, Juul MB, Bergmann OJ, Pedersen RS, Nielsen BJ, Johnsen HE, Dybkaer K, Bøgsted M, Hutchings M. 2015: Br J Haematol. 169, 3, 435-44. doi: 10.1111/bjh.13316. Epub 2015 Feb 23.

- SOX11, CCND1, BCL1/IgH and IgH-VDJ: a battle of minimal residual disease markers in mantle cell lymphoma?** Simonsen AT, Schou M, Sørensen CD, Bentzen HH, Nyvold CG. 2015: Leuk Lymphoma. 56, 9, 2724-7. doi: 10.3109/10428194.2015.1004672.
- Peripheral T-cell lymphomas: ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up.** d'Amore F, Gaulard P, Trümper L, Corradini P, Kim WS, Specht L, Bjerregaard Pedersen M, Ladetto M; ESMO Guidelines Committee. 2015: Ann Oncol. 26, Suppl. 5, 108-15. doi: 10.1093/annonc/mdv201. No abstract available.
- Tumour-associated mast cells in classical Hodgkin's lymphoma: correlation with histological subtype, other tumour-infiltrating inflammatory cell subsets and outcome.** Andersen MD, Kamper P, Nielsen PS, Bendix K, Riber-Hansen R, Steiniche T, Hamilton-Dutoit S, Clausen M, d'Amore F. 2016: Eur J Haematol. 96, 3, 252-9. doi: 10.1111/ejh.12583. Epub 2015 Jun 8.
- Histologically transformed follicular lymphoma exhibits protein profiles different from both non-transformed follicular and de novo diffuse large B-cell lymphoma.** Ludvigsen M, Madsen C, Kamper P, Hamilton-Dutoit SJ, Bendix K, d'Amore F, Honoré B. 2015: Blood Cancer J. 5, e293. doi: 10.1038/bcj.2015.18. No abstract available.
- Identification of homozygous deletion in ACAN and other candidate variants in familial classical Hodgkin lymphoma by exome sequencing.** Ristolainen H, Kilpivaara O, Kamper P, Taskinen M, Saarinen S, Leppä S, d'Amore F, Aaltonen LA. 2015: Br J Haematol. 170, 3, 428-31. doi: 10.1111/bjh.13295. Epub 2015 Feb 25. No abstract available.
- A clinically based prognostic index for diffuse large B-cell lymphoma with a cut-off at 70 years of age significantly improves prognostic stratification: population-based analysis from the Danish Lymphoma Registry.** Gang AO, Pedersen M, d'Amore F, Pedersen LM, Jensen BA, Jensen P, Møller MB, Mourits-Andersen HT, Pedersen RS, Klausen TW, de N Brown P. 2015: Leuk Lymphoma. 56, 9, 2556-62. doi: 10.3109/10428194.2015.1010078. Epub 2015 Feb 17.
- Activating mutations of STAT5B and STAT3 in lymphomas derived from γδ-T or NK cells.** Küçük C, Jiang B, Hu X, Zhang W, Chan JK, Xiao W, Lack N, Alkan C, Williams JC, Avery KN, Kavak P, Scuto A, Sen E, Gaulard P, Staudt L, Iqbal J, Zhang W, Cornish A, Gong Q, Yang Q, Sun H, d'Amore F, Leppä S, Liu W, Fu K, de Leval L, McKeithan T, Chan WC. 2015: Nat Commun. 14, 6, 6025. doi: 10.1038/ncomms7025.
- Proteomic approaches to the study of malignant lymphoma: analyses on patient samples.** Ludvigsen M, Hamilton-Dutoit SJ, d'Amore F, Honoré B. 2015: Proteomics Clin Appl. 9, 1-2, 72-85. doi: 10.1002/prca.201400145. Epub 2015 Jan 22. Review.
- Outcome determinants for transformed indolent lymphomas treated with or without autologous stem-cell transplantation.** Madsen C, Pedersen MB, Vase MØ, Bendix K, Møller MB, Johansen P, Jensen BA, Jensen P, Munksgaard L, Brown PD, Segel EK, d'Amore FA. 2015: Ann Oncol. 26, 2, 393-9. doi: 10.1093/annonc/mdu537. Epub 2014 Nov 18.
- Changing the paradigms of treatment in peripheral T-cell lymphoma: from biology to clinical practice.** O'Connor OA, Bhagat G, Ganapathi K, Pedersen MB, D'Amore F, Radeski D, Bates SE. 2014: Clin Cancer Res. 15, 20, 5240-54. doi: 10.1158/1078-0432.CCR-14-2020. Review
- Relationship of intratumoural protein expression patterns to age and Epstein-Barr virus status in classical Hodgkin lymphoma.** Ludvigsen M, Kamper P, Hamilton-Dutoit SJ, Bendix K, Møller MB, d'Amore FA, Honoré B. 2015: Eur J Haematol. 95, 2, 137-49. doi: 10.1111/ejh.12463. Epub 2014 Nov 11.
- Occurrence and prognostic relevance of CD30 expression in post-transplant lymphoproliferative disorders.** Vase MØ, Maksten EF, Bendix K, Hamilton-Dutoit S, Andersen C, Møller MB, Sørensen SS, Jespersen B, Kampmann J, Søndergaard E, Nielsen PS, D'Amore F. 2015: Leuk Lymphoma. 56, 6, 1677-85. doi: 10.3109/10428194.2014.966242. Epub 2015 Jan 21.
- HLA associations and risk of post-transplant lymphoproliferative disorder in a Danish population-based cohort.** Vase MØ, Maksten EF, Strandhave C, Søndergaard E, Bendix K, Hamilton-Dutoit S, Andersen C, Møller MB, Sørensen SS, Kampmann J, Eiskjær H, Iversen M, Weinreich ID, Møller B, Jespersen B, D'Amore F. 2015: Transplantation Direct. 1, 7, e25 doi: 10.1097/TXD.0000000000000534.
- Differential protein expression of peroxiredoxin-1 in classical Hodgkin Lymphoma: a possible correlation to clinical behaviour.** Ludvigsen M, Kamper P, Sørensen BS, Møller MB, Bendix K, Hamilton-Dutoit SJ, Alsner J, D'Amore F, Honoré B. 2015: Hematol Oncol. 33, 4, 253-5. doi: 10.1002/hon.2157. Epub 2014 Sep 18. No abstract available.
- Evaluation of clinical trial eligibility and prognostic indices in a population-based cohort of systemic peripheral T-cell lymphomas from the Danish Lymphoma Registry.** Pedersen MB, Hamilton-Dutoit SJ, Bendix K, Møller MB, Nørgaard P, Johansen P, Ralfkjaer E, Brown Pde N, Hansen PB, Jensen BA, Madsen J, Schöllkopf C, d'Amore F. 2015: Hematol Oncol. 33, 4, 120-8. doi: 10.1002/hon.2153. Epub 2014 Jul 23.
- MYELOMATOSE**
- Smoldering multiple myeloma risk factors for progression: a Danish population-based cohort study.** Sørrig R, Klausen TW, Salomo M, Gangstød AJ, Østergaard B, Gregersen H, Frølund UC, Andersen NF, Helleberg C, Andersen KT, Pedersen RS, Pedersen P, Abildgaard N, Gimsing P; Danish Myeloma Study Group. 2015: Eur J Haematol. Dec 29. doi: 10.1111/ejh.12728. [Epub ahead of print]
- Hemodialysis Using High Cut Off Filters in Light Chain Cast Nephropathy.** Buus NH, Rantanen JM, Krag SP, Andersen NF, Jensen JD. 2015: Blood Purif. 40, 3, 223-31. doi: 10.1159/000439239. Epub 2015 Sep 17.
- The novel biomarker of alternative macrophage activation, soluble mannose receptor (sMR/sCD206): Implications in multiple myeloma.** Andersen MN, Andersen NF, Rødgaard-Hansen S, Hokland M, Abildgaard N, Møller HJ. 2015: Leuk Res. 39, 9, 971-5. doi: 10.1016/j.leukres.2015.06.003. Epub 2015 Jun 10.
- Salvage bortezomib-dexamethasone and high-dose melphalan (HDM) and autologous stem cell support (ASCT) in myeloma patients at first relapse after HDM with ASCT. A phase-2 trial.** Gimsing P, Hjertner Ø, Abildgaard N, Andersen NF, Dahl TG, Gregersen H, Klausen TW, Mellqvist UH, Linder O, Lindås R, Tøffner Clausen N, Lenhoff S. 2015: Bone Marrow Transplant. 50, 10, 1306-11. doi: 10.1038/bmt.2015.125. Epub 2015 Jun 29.
- Localized Relapse of Primary Plasma Cell Leukaemia in the Central Nervous System.** Eskelund CW, Andersen NF. 2015: Case Rep Hematol. 273565. doi: 10.1155/2015/273565. Epub 2015 May 10.

Causes of early death in multiple myeloma patients who are ineligible for high-dose therapy with hematopoietic stem cell support: A study based on the nationwide Danish Myeloma Database. Holmström MO, Gimsing P, Abildgaard N, Andersen NF, Helleberg C, Clausen NA, Klausen TW, Frederiksen M, Kristensen DL, Larsen H, Pedersen PT, Andersen KT, Pedersen RS, Jensen BA, Gregersen H, Vangsted AJ. 2015; Am J Hematol. 90, 4, E73-4. doi: 10.1002/ajh.23932. Epub 2015 Feb 2. No abstract available.

Upregulation of Syndecan-1 in the bone marrow microenvironment in multiple myeloma is associated with angiogenesis. Andersen NF, Kristensen IB, Preiss BS, Christensen JH, Abildgaard N. 2015; Eur J Haematol. 95, 3, 211-7. doi: 10.1111/ejh.12473. Epub 2015 Jan 7.

DIVERSE

Novel scripts for improved annotation and selection of variants from whole exome sequencing in cancer research. Hansen MC, Nederby L, Roug A, Villesen P, Kjeldsen E, Nyvold CG, Hokland P. 2015; MethodsX. 12, 2, 145-53.

Are fatigue, depression and anxiety associated with labour market participation among patients diagnosed with haematological malignancies? - A prospective study. Horsboel TA, Büttmann U, Nielsen CV, Nielsen B, Andersen NT, de Thurah A. 2015; Psycho-Oncology. 24, 408-15.

Wage-subsidised employment as a result of permanently reduced work capacity in a nationwide cohort of patients diagnosed with haematological malignancies. Horsboel TA, Nielsen CV, Andersen NT, Nielsen B, de Thurah A. 2015; Acta Oncol. 54, 743-9.

LPS Enhanced Glucose-Stimulated Insulin Secretion Is Normalized by Resveratrol. Nøhr MK, Dudele A, Poulsen MM, Ebbesen LH, Radko Y, Christensen LP, et al. 2016; PLoS ONE 11, 1, e0146840. doi:10.1371/journal.pone.0146840.

Hæmatologiens forandrede "landskab": Om datamining og integreret analyse. Hansen MC. 2015; Best Practice Hæmatologi. 5. Årgang, 13, 29-33.

A novel acquired cryptic three-way translocation t(2;11;5) (p21.3;q13.5;q23.2) with a submicroscopic deletion at 11p14.3 in an adult with hypereosinophilic syndrome. Kjeldsen E. 2015; Experimental and Molecular Pathology. 99, 1, 50-5. doi:10.1016/j.yexmp.2015.05.005.

A novel acquired inv(2)(p23.3q24.3) with concurrent submicroscopic deletions at 2p23.3, 2p22.1, 2q24.3 and 1p13.2 in a patient with chronic thrombocytopenia and anaemia. Kjeldsen E. 2015; Molecular Cytogenetics. 8, 7. doi: 10.1186/s13039-015-0113-z.

Paternal Hemizygosity in 11p15 in Mole-like Conceptuses: Two Case Reports. Sunde L, Lund H, Sebire N, Grove A, Fisher RA, Niemann I, Kjeldsen E. 2015; Medicine(Baltimore). 94, 44, e1776. doi: 10.1097/MD.0000000000001776

ABSTRACTS

Familial Myelodysplastic Syndrome (MDS) in Two Danish Families - Two New Predisposing TERC Mutations Identified. Raaschou-Jensen, Klas Kræsten; Norberg, Anna; Andersen, Mette Klarskov; Jønson, Lars; Kjeldsen, Eigil; Grønbæk, Kirsten; Nederby, Line; Holm, Mette Skov; Hasle, Henrik; Nielsen, Finn Cilius; Roos, Göran; Kjeldsen, Lars. 2015. Abstract for The 13th International Symposium on Myelodysplastic Syndromes (MDS 2015)

CD34+CD38-hMICL+ cells from MDS patients are malignant and possess stem cell properties when evaluated in the long-term colony initiating cell assay. Toft-Petersen, Marie; Nederby, Line; Kjeldsen, Eigil; Kerndrup, Gitte Birk; Hokland, Peter; Roug, Anne Stidsholt. 2015. Abstract from Annual Meeting in the Danish Society of Hematology, Middelfart, Denmark.

The human Myeloid Inhibitory C-type Lectin-like Receptor Aids in Discrimination of Basophils in Peripheral Blood. Toft-Petersen, Marie; Roug, Anne Stidsholt; Plesner, Trine Lindhardt; Ebbesen, Lene Hyldahl; Brown, Gordon D.; Hokland, Peter; Nederby, Line. 2015. Abstract from ESH International Conference on AML, Budapest, Hungary.

Determinants of health-related quality of life in elderly MDS-patients - a study from the European Leukemianet MDS Registry. R. Stauber, T. Bagguley, A. Smith, P. Fenaux, A. Symeonidis, J. Cermak, G. Sanz, E. Hellstrom-Lindberg, M. Mittelman, L. Malcovati, G. Huls, K. Madry, U. Germing, A. Tatic, M. Skov Holm, A. Savic, J. Droste, A. Guerci-Bresler, B. Slama, E. Luno, D. Culligan, L. deSwart, T. Johnston, D. Bowen, T. de Witte. 2015. Abstract from Int. Society of Geriatric Oncology, Prague, Czech Republic

Impact of MDS on health-related quality of life: A comparison of IPSS low- and int-1 risk MDS patients from the European Leukemianet MDS (EUMDS) registry and European reference populations. Reinhard Stauber, Tim Bagguley, Alex Smith, Pierre Fenaux, Argiris Symeonidis, Jaroslav Cermak, Guillermo Sanz, Eva Hellström-Lindberg, Moshe Mittelman, Luca Malcovati, Gerwin Huls, Krzysztof M. dry, Ulrich Germing, Aurelia Tatic, Mette Skov Holm, Aleksandar Savic, Jackie Droste, Agnès Guerci-Bresler, Borhane Slama, Elisa Luño, Dominic Culligan, Louise de Swart, W. Thomas Johnston, David Bowen, and Theo de Witte. 2015. Abstract for the 20th Congress of the European Hematology Association (EHA), Vienna, Austria

Strengthening the Evidence of Relevant Somatic Mutations of Individual Patients by Pairing Sequencing Deduced Allelic Burden, Leukemic Blast Percent and Cluster Analysis. Hansen MC, Chotirat S, Auewarakul CU, Hokland P. 2015. Abstract from American Society of Hematology, Orlando, Florida, USA.

Multiple choice exams of medical knowledge with open books and web access? A validity study. O'Neill L, Simonsen EO, Knudsen UB, Stentoft J, Bonde Jensen A, Mørcke AM. 2015. Abstract for the AMEE 2015 Conference

BOGKAPITLER

Periferal T-cell lymphomas. ("Lymphomas – Essentials for Clinicians"). D'Amore F, Pedersen MB. ESMO Press 2015, s. 61-66

BLOGS

Peter Hokland på videnskab.dk,
<http://videnskab.dk/>