

■ ELN guidelines and recommendations

The most visible results of the ELN are the guidelines and management recommendations for virtually every leukemia and interdisciplinary speciality which have laid the groundwork for uniform definitions and standards required for common clinical trials and projects. An update of the collection of the ELN guidelines and recommendations developed since 2006 is now available. ▶ [collection of ELN guidelines and recommendations](#)

■ 15th international workshop on CLL

From September 9 to 11, the 15th international workshop on CLL takes place in Cologne, Germany. The forthcoming meeting covers the topics molecular biology, cellular biology, prognostication, novel treatment approaches, stem cell transplantation, and optimising clinical trial design in CLL. ▶ [detailed information on the iwCLL 2013](#)

■ Publications from the Network (selected)

Acute leukemias

- ▶ de Leeuw DC et al. MicroRNA profiling can classify acute leukemias of ambiguous lineage as either acute myeloid leukemia or acute lymphoid leukemia. *Clin Cancer Res.* 2013 Apr 15;19(8):2187-96.
- ▶ Guy J et al. Flow cytometry thresholds of myeloperoxidase detection to discriminate between acute lymphoblastic or myeloblastic leukaemia. *Br J Haematol.* 2013 May;161(4):551-5.
- ▶ Kampa-Schittenhelm KM et al. Cell cycle-dependent activity of the novel dual PI3K-MTORC1/2 inhibitor NVP-BGT226 in acute leukemia. *Mol Cancer.* 2013 May 24;12(1):46.

Acute lymphoblastic leukemia

- ▶ Ribera JM et al. Dose-intensive chemotherapy including rituximab in Burkitt's leukemia or lymphoma regardless of human immunodeficiency virus infection status: Final results of a phase 2 study (Burkimab). *Cancer.* 2013 May 1;119(9):1660-8.
- ▶ Raff T et al. Uncovering early, lineage-dependent effects of TPMT genotype in adult acute lymphoblastic leukemia by minimal residual disease. *Leukemia.* 2013 Apr;27(4):989-92.

Acute myeloid leukemia

- ▶ Bertoli S et al. Time from diagnosis to intensive chemotherapy initiation does not adversely impact the outcome of patients with acute myeloid leukemia. *Blood.* 2013 Apr 4;121(14):2618-26.
- ▶ Burnett AK et al. Inclusion of chemotherapy in addition to anthracycline in the treatment of acute promyelocytic leukaemia does not improve outcomes: results of the MRC AML15 trial. *Leukemia.* 2013 Apr;27(4):843-51.
- ▶ Ferrara F et al. Consensus-based definition of unfit to intensive and non-intensive chemotherapy in acute myeloid leukemia: a project of SIE, SIES and GITMO group on a new tool for therapy decision making. *Leukemia.* 2013 Apr;27(5):997-9.
- ▶ Pratcorona M et al. Favorable outcome of patients with acute myeloid leukemia harboring a low-allelic burden FLT3-ITD mutation and concomitant NPM1 mutation: relevance to post-remission therapy. *Blood.* 2013 Apr 4;121(14):2734-8.

Acute myeloid leukemia/myelodysplastic syndromes

- ▶ Craddock C et al. Azacitidine fails to eradicate leukemic stem/progenitor cell populations in patients with acute myeloid leukemia and myelodysplasia. *Leukemia.* 2013 Apr;27(5):1028-36.

- ▶ van Gelder M et al. Monosomal karyotype predicts poor survival after allogeneic stem cell transplantation in chromosome 7 abnormal myelodysplastic syndrome and secondary acute myeloid leukemia. *Leukemia*. 2013 Apr;27(4):879-88.

Chronic myeloid leukemia

- ▶ Arpinati M et al. Molecular monitoring of BCR-ABL transcripts after allogeneic stem cell transplantation for chronic myeloid leukemia. *Biol Blood Marrow Transplant*. 2013 May;19(5):735-40.
- ▶ Cortes J et al. Phase 2 study of subcutaneous omacetaxine mepesuccinate for chronic-phase chronic myeloid leukemia patients resistant to or intolerant of tyrosine kinase inhibitors. *Am J Hematol*. 2013 May;88(5):350-4.
- ▶ Giles FJ et al. Nilotinib population pharmacokinetics and exposure-response analysis in patients with imatinib-resistant or -intolerant chronic myeloid leukemia. *Eur J Clin Pharmacol*. 2013 Apr;69(4):813-23.
- ▶ Hochhaus A et al. Nilotinib is associated with a reduced incidence of BCR-ABL mutations vs imatinib in patients with newly diagnosed chronic myeloid leukemia in chronic phase. *Blood*. 2013 May 2;121(18):3703-8.
- ▶ Hupfeld T et al. Tyrosinekinase inhibition facilitates cooperation of transcription factor SALL4 and ABC transporter A3 towards intrinsic CML cell drug resistance. *Br J Haematol*. 2013 Apr;161(2):204-13
- ▶ Jabbour E et al. Prediction of outcomes in patients with Ph+ chronic myeloid leukemia in chronic phase treated with nilotinib after imatinib resistance/intolerance. *Leukemia*. 2013 Apr;27(4):907-13.
- ▶ Lange T et al. The quantitative level of T315I mutated BCR-ABL predicts for major molecular response to second-line nilotinib or dasatinib treatment in patients with chronic myeloid leukemia. *Haematologica*. 2013 May;98(5):714-7.
- ▶ Stein AM et al. Rapid initial decline in BCR-ABL1 is associated with superior responses to second-line nilotinib in patients with chronic-phase chronic myeloid leukemia. *BMC Cancer*. 2013 Apr 2;13(1):173.

Chronic lymphocytic leukemia

- ▶ Böttcher S et al. The role of minimal residual disease measurements in the therapy for CLL: is it ready for prime time? *Hematol Oncol Clin North Am*. 2013 Apr;27(2):267-88.
- ▶ Dreger P et al. TP53, SF3B1, and NOTCH1 mutations and outcome of allotransplantation for chronic lymphocytic leukemia: six-year follow-up of the GCLLSG CLL3X trial. *Blood*. 2013 Apr 18;121(16):3284-8.
- ▶ Dufour A et al. Inactivation of TP53 correlates with disease progression and low miR-34a expression in previously treated chronic lymphocytic leukemia patients. *Blood*. 2013 May 2;121(18):3650-7.
- ▶ Fedorchenko O et al. CD44 regulates the apoptotic response and promotes disease development in chronic lymphocytic leukemia. *Blood*. 2013 May 16;121(20):4126-36.
- ▶ Foà R et al. Clinical implications of the molecular genetics of chronic lymphocytic leukemia. *Haematologica*. 2013 May;98(5):675-85.
- ▶ Goede V et al. Chemoimmunotherapy with GA101 plus chlorambucil in patients with chronic lymphocytic leukemia and comorbidity: results of the CLL11 (BO21004) safety run-in. *Leukemia*. 2013 Apr;27(5):1172-4.

Chronic myeloproliferative diseases

- ▶ Badalucco S et al. Involvement of TGFβ1 in autocrine regulation of proplatelet formation in healthy subjects and patients with primary myelofibrosis. *Haematologica*. 2013 Apr;98(4):514-7.
- ▶ Lange T et al. JAK2 p.V617F allele burden in myeloproliferative neoplasms one month after allogeneic stem cell transplantation significantly predicts outcome and risk of relapse. *Haematologica*. 2013 May;98(5):722-8.
- ▶ Marchioli R et al. Treatment target in polycythemia vera. *N Engl J Med*. 2013 Apr 18;368(16):1556.
- ▶ McMullin MF et al. Treatment target in polycythemia vera. *N Engl J Med*. 2013 Apr 18;368(16):1554-5.

Myelodysplastic syndromes

- ▶ Abouyahya I et al. Treatment with lenalidomide in myelodysplastic syndromes with deletion 5q: results

from the Dutch named patient program. *Leuk Lymphoma*. 2013 Apr;54(4):874-7.

- ▶ Kuendgen A et al. Lenalidomide does not increase AML progression risk in RBC transfusion-dependent patients with Low- or Intermediate-1-risk MDS with del(5q): a comparative analysis. *Leukemia*. 2013 Apr;27(5):1072-9.

Stem cell transplantation

- ▶ Storb R et al. Graft-versus-host disease and graft-versus-tumor effects after allogeneic hematopoietic cell transplantation. *J Clin Oncol*. 2013 Apr 20;31(12):1530-8.

Miscellaneous

- ▶ Piccirillo N et al. Twenty years of unrestricted hematopoietic stem cell collection and storage: impact of Joint Accreditation Committee International Society for Cellular Therapy Europe standards implementation on stem cell storage policy and resource utilization. *Cytotherapy*. 2013 Apr;15(4):519-21. Rogers TR et al. Combined real-time PCR and galactomannan surveillance improves diagnosis of invasive aspergillosis in high risk patients with haematological malignancies. *Br J Haematol*. 2013 May;161(4):517-24.
- ▶ Springer J et al. Multicenter comparison of serum and whole-blood specimens for detection of *Aspergillus* DNA in high-risk hematological patients. *J Clin Microbiol*. 2013 May;51(5):1445-50.

■ New trials in the ELTR

RELIEF Polycythemia Vera Symptom Study Evaluating Ruxolitinib Versus Hydroxyurea in a Randomized, Multicenter, Double-Blind, Double-Dummy, Phase 3 Efficacy and Safety Study of Patient Reported Outcomes

I3X-MC-JHTB A Phase 2 Study of LY2784544 in Patients With Myeloproliferative Neoplasms

JAKARTA2 A Phase II, Multicenter, Open Label, Single Arm Study of SAR302503 in Subjects Previously Treated With Ruxolitinib and With a Current Diagnosis of Intermediate or High-Risk Primary Myelofibrosis, Post-Polycythemia Vera Myelofibrosis, or Post-Essential Thrombocythemia Myelofibrosis

PIRON01 Iron overload in MDS patients: The value of new iron parameters and MRI T2* of heart and liver as predictor of iron overload

OCEAN A non-interventional observational post authorisation study to evaluate safety and efficacy in patients receiving azacitidine in daily clinical practice in the Netherlands