

2019

Bayer G, von Tokarski F, Thoreau B, Bauvois A, Barbet C, Cloarec S, Mérieau E, Lachot S, Garot D, Bernard L, Gyan E, Perrotin F, Pouplard C, Maillot F, Gatault P, Sautenet B, Rusch E, Buchler M, Vigneau C, Fakhouri F, Halimi JM
Etiology and Outcomes of Thrombotic Microangiopathies.
Clin J Am Soc Nephrol. 2019, 14 : 557-566

Bondu S, Alary AS, Lefèvre C, Houy A, Jung G, Lefebvre T, Rombaut D, Boussaid I, Bousta A, Guillonneau F, Perrier P, Alsafadi S, Wassef M, Margueron R, Rousseau A, Droin N, Cagnard N, Kaltenbach S, Winter S, Kubasch AS, Bouscary D, Santini V, Toma A, Hunault M, Stamatoullas A, Gyan E, Cluzeau T, Platzbecker U, Adès L, Puy H, Stern MH, Karim Z, Mayeux P, Nemeth E, Park S, Ganz T, Kautz L, Kosmider O, Fontenay M.
A variant erythroferrone disrupts iron homeostasis in SF3B1-mutated myelodysplastic syndrome.
Sci Transl Med. 2019 Jul 10;11(500)

Brachet-Botineau M, Deynoux M, Vallet N, Polomski M, Juen L, Hérault O, Mazurier F, Viaud-Massuard MC, Prié G, Gouilleux F.
A Novel Inhibitor of STAT5 Signaling Overcomes Chemotherapy Resistance in Myeloid Leukemia Cells.
Cancers (Basel). 2019 Dec 17;11(12). pii: E2043

Chabi S, Uzan B, Naguibneva I, Rucci J, Fahy L, Calvo J, Arcangeli ML, Mazurier F, Pflumio F, Haddad R.
Hypoxia Regulates Lymphoid Development of Human Hematopoietic Progenitors.
Cell Rep. 2019, 29 : 2307-2320.e6.

Chalopin T, Vallet N, Arbion F, Barin C, Rault E, Villate A, Eloit M, La Rochelle LD, Foucault A, Ertault M, Dartigeas C, Benboubker L, Estienne MH, Domenech J, Hérault O, Gyan E.
Characteristics, combinations, treatments, and survival of second primary hematological neoplasm: a retrospective single-center cohort of 49 patients (Hemo2study).
Ann Hematol. 2019, 98 : 2367-2377

Cornillon J, Daguenet E, Bay JO, Chauchet A, Salles G, Contentin N, Nicolas-Virelizier E, Mercier M, Vallet N, Alexis M, Chrétien ML, Cluzeau T, Huynh A, Himberlin C, Dorvaux V, Amorim S, Lejeune C, de Latour RP, Gyan E.
BAM conditioning before autologous transplantation for lymphoma: a study on behalf of the Francophone Society of Bone Marrow Transplantation and Cellular Therapy (SFGM-TC).
Ann Hematol. 201998 : 1973-1980

Ghesquieres H, Chevrier M, Laadhari M, Chinot O, Choquet S, Moluçon-Chabrot C, Beauchesne P, Gressin R, Morschhauser F, Schmitt A, Gyan E, Hoang-Xuan K, Nicolas-Virelizier E, Cassoux N, Touitou V, Le Garff-Tavernier M, Savignoni A, Turbiez I, Soumelis V, Houillier C, Soussain C.
Lenalidomide in Combination with Intravenous Rituximab (REVRI) in Relapsed/Refractory Primary CNS Lymphoma or Primary Intraocular Lymphoma: a Multicenter Prospective Proof of Concept Phase II Study of the French Oculo-Cerebral Lymphoma (LOC) Network and the Lymphoma Study Association (LYSA).
Ann Oncol. 2019, 30 : 621-628

Gyan E, Almeida AM.
Less iron improves MDS haematopoiesis.
Br J Haematol. 2019, 187 : 11-12

Houillier C, Taillandier L, Dureau S, Lamy T, Laadhari M, Chinot O, Moluçon-Chabrot C, Soubeyran P, Gressin R, Choquet S, Damaj G, Thyss A, Abraham J, Delwail V, Gyan E, Sanhes L, Cornillon J, Garidi R, Delmer A, Tanguy ML, Al Jijakli A, Morel P, Bourquard P, Moles MP, Chauchet A, Gastinne T, Constans JM, Langer A, Martin A, Moisson P, Lacomblez L, Martin-Duverneuil N, Delgadillo D, Turbiez I, Feuvret L, Cassoux N, Touitou V, Ricard D, Hoang-Xuan K, Soussain C; Intergroupe GOELAMS-ANOCEF; LOC Network for CNS Lymphoma.
Radiotherapy or Autologous Stem-Cell Transplantation for Primary CNS Lymphoma in Patients 60 Years of Age and Younger: Results of the Intergroup ANOCEF-GOELAMS Randomized Phase II PRECIS Study.
J Clin Oncol. 2019, 37 : 823-833

Ibrahim S, Dakik H, Vandier C, Chautard R, Paintaud G, Mazurier F, Lecomte T, Guéguinou M, Raoul W. *Expression Profiling of Calcium Channels and Calcium-Activated Potassium Channels in Colorectal Cancer.* Cancers (Basel). 2019 Apr 19;11(4). pii: E561.

Jaimes-Albornoz D, Mannone L, Nguyen-Quoc S, Chalandon Y, Chevallier P, Mohty M, Meunier M, Robin M, Ledoux MP, Guillerm G, Bay JO, Poiré X, Maillard N, Leclerc M, Daguindau E, Beguin Y, Rubio MT, Gyan E. *Allogeneic Stem Cell Transplantation in Therapy-Related Myelodysplasia after Autologous Transplantation for Lymphoma: A Retrospective Study of the Francophone Society of Bone Marrow Transplantation and Cellular Therapy.* Biol Blood Marrow Transplant. 2019, 25 : 2366-2374

Lanznaster D, Bourgeais J, Bruno C, Hergesheimer RC, Thepault RA, Vourc'h P, Corcia P, Andres CR, Herault O, Blasco H. *TDP-43-Mediated Toxicity in HEK293T Cells: A Fast and Reproducible Protocol To Be Employed in the Search of New Therapeutic Options against Amyotrophic Lateral Sclerosis.* Cells. 2019 Dec 26;9(1). pii: E68.

Leveque X, Hochane M, Geraldo F, Dumont S, Gratas C, Oliver L, Gaignier C, Trichet V, Layrolle P, Heymann D, Herault O, Vallette FM, Olivier C. *Low-Dose Pesticide Mixture Induces Accelerated Mesenchymal Stem Cell Aging In Vitro.* Stem Cells. 2019, 37 : 1083-1094

Nehme A, Mazurier F, Zibara K. *Comprehensive Workflow for Integrative Transcriptomics Meta-Analysis.* Leveraging Biomedical and Healthcare Data. Semantics, Analytics and Knowledge. 2019; Chapter 1. Pages 1-16.

Paris J, Morgan M, Campos J, Spencer GJ, Shmakova A, Ivanova I, Mapperley C, Lawson H, Wotherspoon DA, Sepulveda C, Vukovic M, Allen L, Sarapuu A, Tavosanis A, Guitart AV, Villacreses A, Much C, Choe J, Azar A, van de Lagemaat LN, Vernimmen D, Nehme A, Mazurier F, Somervaille TCP, Gregory RI, O'Carroll D, Kranc KR. *Targeting the RNA m6A Reader YTHDF2 Selectively Compromises Cancer Stem Cells in Acute Myeloid Leukemia.* Cell Stem Cell. 2019 Jul 3;25(1):137-148.e6

Park S, Kosmider O, Maloisel F, Drenou B, Chapuis N, Lefebvre T, Karim Z, Puy H, Alary AS, Ducamp S, Verdier F, Bouilloux C, Rousseau A, Jacob MC, Deblouis A, Charpentier A, Gyan E, Anglaret B, Leyronnas C, Corm S, Slama B, Cheze S, Laribi K, Amé S, Rose C, Lachenal F, Toma A, Pica GM, Carre M, Garban F, Mariette C, Cahn JY, Meunier M, Herault O, Fenaux P, Wagner-Ballon O, Bardet V, Dreyfus F, Fontenay M. *Dyserythropoiesis evaluated by RED score and hepcidin/ferritin levels predicts response to erythropoietin in lower risk myelodysplastic syndromes.* Haematologica. 2019 : 497-504

Picou F, Vignon C, Debeissat C, Lachot S, Kosmider O, Gallay N, Foucault A, Estienne MH, Ravalet N, Bene MC, Domenech J, Gyan E, Fontenay M, Herault O. *Bone marrow oxidative stress and specific antioxidant signatures in myelodysplastic syndromes.* Blood Adv. 2019, 3 : 4271-4279

Sébert M, Renneville A, Bally C, Peterlin P, Beyne-Rauzy O, Legros L, Gourin MP, Sanhes L, Wattel E, Gyan E, Park S, Stamatoullas A, Banos A, Laribi K, Jueliger S, Bevan L, Chermat F, Sapena R, Nibourel O, Chaffaut C, Chevret S, Preudhomme C, Adès L, Fenaux P. *A phase II study of guadecitabine in higher-risk myelodysplastic syndrome and low blast count acute myeloid leukemia after azacitidine failure.* Haematologica. 2019, 104 : 1565-1571

Ternant D, Monjanel H, Venel Y, Prunier-Aesch C, Arbion F, Colombat P, Paintaud G, Gyan E. *Nonlinear pharmacokinetics of rituximab in non-Hodgkin lymphomas: a pilot study.* Br J Clin Pharmacol. 2019, 85 : 2002-2010

Zebian A, Shaito A, Mazurier E, Rezvani HR, Zibara K.

2018

Al Tabaa Y, Tchernonog E, Faurie P, Cottreau AS, Monjanel H, Bonnet A, Le Gouill S, Gyan E, Ghesquieres H, Mariano-Goulart D, Cartron G.

Post-treatment positron emission tomography-computed tomography is highly predictive of outcome in Plasmablastic lymphoma.

Eur J Nucl Med Mol Imaging. 2018, 45 : 1705-1709

Bachy E, Maurer MJ, Habermann TM, Gelas-Dore B, Maucort-Boulch D, Estell JA, Van den Neste E, Bouabdallah R, Gyan E, Feldman AL, Bargay J, Delmer A, Slager SL, da Silva MG, Fitoussi O, Belada D, Maisonneuve H, Intragumtornchai T, Ansell SM, Lamy T, Dartigues P, Link BK, Seymour JF, Cerhan JR, Salles G.

A simplified scoring system in de novo follicular lymphoma treated initially with immunochemotherapy.
Blood. 2018, 132 : 49-58

Bryden F, Martin C, Letast S, Lles E, Viéitez-Villemin I, Rousseau A, Colas C, Brachet-Botineau M, Allard-Vannier E, Larbouret C, Viaud-Massuard MC, Joubert N.

Impact of cathepsin B-sensitive triggers and hydrophilic linkers on in vitro efficacy of novel site-specific antibody-drug conjugates.

Org Biomol Chem. 2018 Mar, 16 : 1882-1889.

Daix T, Guerin E, Tavernier E, Mercier E, Gissot V, Hérault O, Mira JP, Dumas F, Chapuis N, Guitton C, Béné MC, Quenot JP, Tissier C, Guy J, Piton G, Roggy A, Muller G, Legac É, de Prost N, Khellaf M, Wagner-Ballon O, Coudroy R, Dindinaud E, Uhel F, Roussel M, Lafon T, Jeannet R, Vargas F, Fleureau C, Roux M, Allou K, Vignon P, Feuillard J, François B; Septiflux Trial Group.

Multicentric Standardized Flow Cytometry Routine Assessment of Patients With Sepsis to Predict Clinical Worsening. Chest. 2018, 154 : 617-627

Díez-Campelo M, Lorenzo JI, Itzykson R, Rojas SM, Berthon C, Luño E, Beyne-Rauzy O, Perez-Oteyza J, Vey N, Bargay J, Park S, Cedena T, Bordessoule D, Muñoz JA, Gyan E, Such E, Visanica S, López-Cadenas F, de Botton S, Hernández-Rivas JM, Ame S, Stamatoullas A, Delaunay J, Salanoubat C, Isnard F, Guieze R, Pérez Guallar J, Badiella L, Sanz G, Cañizo C, Fenaux P.

Azacitidine improves outcome in higher-risk MDS patients with chromosome 7 abnormalities: a retrospective comparison of GESMD and GFM registries.

Br J Haematol. 2018, 181 : 350-359

Fargier E, Ranchon F, Huot L, Guerre P, Safar V, Dony A, Hequet N, Bachy E, Savouroux S, Fronteau C, Tomaré P, Tournamille JF, Schwierz V, Vantard N, Le Gouill S, Gyan E, Salles G, Rioufol C.

SMABCare study: subcutaneous monoclonal antibody in cancer care: cost-consequence analysis of subcutaneous rituximab in patients with follicular lymphoma.

Ann Hematol. 2018, 97 : 123-131

Fossard G, Broussais F, Coelho I, Bailly S, Nicolas-Virelizier E, Toussaint E, Lancesseur C, Le Bras F, Willems E, Tchernonog E, Chalopin T, Delarue R, Gressin R, Chauchet A, Gyan E, Cartron G, Bonnet C, Haioun C, Damaj G, Gaulard P, Fornecker L, Ghesquieres H, Tournilhac O, Gomes da Silva M, Bouabdallah R, Salles G, Bachy E.

Role of up-front autologous stem cell transplantation in peripheral T-cell lymphoma for patients in response after induction: An analysis of patients from LYSA centers.

Ann Oncol. 2018, 29 : 715-723

Girerd S, Tosca L, Herault O, Vignon C, Biard D, Aggoune D, Dkhissi F, Bonnet ML, Sorel N, Desterke C, Bennaceur-Griscelli A, Tachdjian G, Guilhot F, Guilhot J, Chomel JC, Turhan AG.

Superoxide dismutase 2 (SOD2) contributes to genetic stability of native and T315I-mutated BCR-ABL expressing leukemic cells.

Biochem Biophys Res Commun. 2018, 498 : 715-722

Gyan E, Raynard B, Durand JP, Lacau Saint Guily J, Gouy S, Movschin ML, Khemissa F, Flori N, Oziel-Taieb S, Bannier Braticevic C, Zeanandin G, Hebert C, Savinelli F, Goldwasser F, Hébuterne X; NutriCancer2012 Investigator Group. Malnutrition in Patients With Cancer: Comparison of Perceptions by Patients, Relatives, and Physicians-Results of the NutriCancer2012 Study.
JPEN J Parenter Enteral Nutr. 2018, 42 : 255-260

Gyan E, Sonet A, Brice P, Anglaret B, Laribi K, Fruchart C, Tilly H, Araujo C, Soubeyran P, Gonzalez H, Morineau N, Nicolas-Virelizier E, Ghesquières H, Salles B, Bouabdallah R, Orfeuvre H, Fahri J, Couturier O, Xerri L, Feugier P; Lymphoma Study Association (LYSA)22.

Bendamustine and rituximab in elderly patients with low-tumour burden follicular lymphoma. Results of the LYSA phase II BRIEF study.

Br J Haematol. 2018, 188 : 76-86

(Gyan E), Saussele S, Richter J, Guilhot J, Gruber FX, Hjorth-Hansen H, Almeida A, Janssen JJWM, Mayer J, Koskenvesa P, Panayiotidis P, Olsson-Strömberg U, Martinez-Lopez J, Rousselot P, Vestergaard H, Ehrencrona H, Kairisto V, Poláková KM, Müller MC, Mustjoki S, Berger MG, Fabarius AG, Hofmann WK, Hochhaus A, Pfirrmann M, Mahon FX, EURO-SKI investigators

Discontinuation of tyrosine kinase inhibitor therapy in chronic myeloid leukaemia (EURO-SKI): a prespecified interim analysis of a prospective, multicentre, non-randomised, trial

Lancet Oncol. 2018, 19 : 747-757

Ianotto JC, Chauveau A, Boyer-Perrard F, Gyan E, Laribi K, Cony-Makhoul P, Demory JL, de Renzis B, Dosquet C, Rey J, Roy L, Dupriez B, Knoops L, Legros L, Malou M, Hutin P, Ranta D, Benbrahim O, Ugo V, Lippert E, Kiladjian JJ. Benefits and pitfalls of Peg-Interferon- α 2a therapy in patients with myeloproliferative neoplasm-associated myelofibrosis, a French Intergroup of Myeloproliferative neoplasms (FIM) study.
Haematologica. 2018, 103 : 438-446

Kervarrec T, Gaboriaud P, Berthon P, Zaragoza J, Schrama D, Houben R, Le Corre Y, Hainaut-Wierzbicka E, Aubin F, Bens G, Domenech J, Guyétant S, Touzé A, Samimi M.

Merkel cell carcinomas infiltrated with CD33+ myeloid cells and CD8+ T cells are associated with improved outcome.
J Am Acad Dermatol. 2018, 78 : 973-982.e8

Lacau St Guily J, Bouvard É, Raynard B, Goldwasser F, Maget B, Prevost A, Seguy D, Romano O, Narciso B, Couet C, Balon JM, Vansteene D, Salas S, Grandval P, Gyan E, Hébuterne X.
NutriCancer: A French observational multicentre cross-sectional study of malnutrition in elderly patients with cancer.
J Geriatr Oncol. 2018, 9 : 74-80

Lamy T, Damaj G, Soubeyran P, Gyan E, Cartron G, Bouabdallah K, Gressin R, Cornillon J, Banos A, Le Du K, Benchalal M, Moles MP, Le Gouill S, Fleury J, Godmer P, Maisonneuve H, Deconinck E, Houot R, Laribi K, Marolleau JP, Tournilhac O, Branger B, Devillers A, Vuilliez JP, Fest T, Colombat P, Costes V, Szablewski V, Béné MC, Delwail V. R-CHOP 14 with or without radiotherapy in non-bulky limited-stage diffuse large B-cell lymphoma (DLBCL).
Blood. 2018, 131 : 174-181

Le Nail LR, Brennan M, Rosset P, Deschaseaux F, Piloquet P, Pichon O, Le Caignec C, Crenn V, Layrolle P, Hérault O, De Pinieux G, Trichet V
Comparison of Tumor- and Bone Marrow-Derived Mesenchymal Stromal/Stem Cells from Patients with High-Grade Osteosarcoma.
Int J Mol Sci. 2018 Mar 1;19(3). pii: E707.

Martinez D, Muhrez K, Woillard JB, Berthelot A, Gyan E, Choquet S, Andrès CR, Marquet P, Barin-Le Guellec C. Endogenous metabolites-mediated communication between OAT1/OAT3 and OATP1B1 may explain the association between SLCO1B1 SNPs and methotrexate toxicity.
Clin Pharmacol Ther. 2018, 104 : 687-698

(Gyan E) Morschhauser F, Fowler NH, Feugier P, Bouabdallah R, Tilly H, Palomba ML, Fruchart C, Libby EN, Casasnovas RO, Flinn IW, Haioun C, Maisonneuve H, Ysebaert L, Bartlett NL, Bouabdallah K, Brice P, Ribrag V,

Daguindau N, Le Gouill S, Pica GM, Martin Garcia-Sancho A, López-Guillermo A, Larouche JF, Ando K, Gomes da Silva M, André M, Zachée P, Sehn LH, Tobinai K, Cartron G, Liu D, Wang J, Xerri L, Salles GA; RELEVANCE Trial Investigators. Rituximab plus Lenalidomide in Advanced Untreated Follicular Lymphoma. N Engl J Med. 2018, 379 : 934-947

Oyallon B, Brachet-Botineau M, Logé C, Bonnet P, Souab M, Robert T, Ruchaud S, Bach S, Berthelot P, Gouilleux F, Viaud-Massuard MC, Denevault-Sabourin C.

Structure-based design of novel quinoxaline-2-carboxylic acids and analogues as Pim-1 inhibitors. Eur J Med Chem. 2018, 154 : 101-109

Pernot B, Gyan E, Maillot F, Hodges P, Ertault M, Ferreira-Maldent N.

Lymphomas diagnosed in an internal medicine department compared to lymphomas diagnosed in other departments: Clinical and outcome differences.

Medicine (Baltimore). 2018 Nov;97(47):e13228

Picou F, Debeissat C, Bourgeais J, Gallay N, Ferrié E, Foucault A, Ravalet N, Maciejewski A, Vallet N, Ducrocq E, Haddaoui L, Domenech J, Hérault O, Gyan E.

n-3 Polyunsaturated Fatty Acids Induce Acute Myeloid Leukemia Cell Death Associated with Mitochondrial Glycolytic Switch and Nrf2 Pathway Activation.

Pharmacol Res. 2018, 136 : 45-55

Ponard A, Ferreira-Maldent N, Ertault M, Delain M, Amraoui K, Regina S, Jonville-Béra AP, Hérault O, Colombat P, Gyan E.

Glycemic dysregulation in a patient with type 2 diabetes treated with 5-azacitidine: a case report.

J Med Case Rep. 2018, 12 : 199

Rose C, Lenoir C, Gyan E, Hacini M, Amé S, Corront B, Beyne-Rauzy O, Adiko D, Loppinet E, Ali-Ammar N, Laribi K, Wattel E, Dreyfus F, Roué CS, Cheze S.

Prospective evaluation of the effect of deferasirox on hematologic response in transfusion-dependent patients with low-risk MDS and iron overload.

Eur J Haematol. 2018 May 2

Voeltzel T, Flores-Violante M, Zylbersztein F, Lefort S, Billandon M, Jeanpierre S, Joly S, Fossard G, Milenkov M, Mazurier F, Nehme A, Belhabri A, Paubelle E, Thomas X, Michallet M, Louache F, Nicolini FE, Caron de Fromental C, Maguer-Satta V.

A new signaling cascade linking BMP4, BMPR1A, ΔNp73 and NANOG impacts on stem-like human cell properties and patient outcome.

Cell Death Dis. 2018, 9 : 1011

Zibara K, Zeidan A, Mallah K, Kassem N, Awad A, Mazurier F, Badran B, El-Zein N.

Signaling pathways activated by PACAP in MCF-7 breast cancer cells.

Cell Signal. 2018, 50 : 37- 47