



Association Laurette Fugain

information sur la leucémie, le don de plaquettes et de moelle osseuse, aide à la recherche sur les maladies du sang

LISTE DES PUBLICATIONS « PROJETS DE RECHERCHE » SOUTENUS PAR L'ASSOCIATION LAURETTE FUGAIN

L'association Laurette Fugain grâce à la générosité de tous, engage chaque année les dons qu'elle reçoit, pour aider au financement de projets de recherche sélectionnés par son comité scientifique et médical. Aujourd'hui, plusieurs d'entre eux ont donné lieu à des publications preuve du sérieux des projets soutenus à date.

LEUKEMIA-NATURE

1- Oncogenic kinases of myeloproliferative disorders induce both protein synthesis and G1 activators H Lelièvre, N Cervera, P Finetti, F Delhommeau, W Vainchenker, F Bertucci, D Birnbaum
CONTEXT: ...Inserm, and grants from the Institut National du Cancer/Cancéropôle (ACI2005) and the Association Laurette Fugain (2005).

Leukemia 20, 1885 - 1888 (01 Oct 2006) Letter to Editor

2- Nucleophosmin status may influence the therapeutic decision in de novo acute myeloid leukemia with normal karyotype V Bardet, L D Costa, C Elie, S Malinge, C Demur, J Tamburini, P C Lefebvre, F Witz, B Lioure, E Jourdan, A Pigneux, N Ifrah, M Attal, F Dreyfus, P Mayeux, C Lacombe, A Bennaceur-Griscelli, O A Bernard, D Bouscary, C RÃ©cher

CONTEXT: ...Della Valle for assistance in the initial steps of this work. This work was supported by 'Association Laurette Fugain' (www.laurettefugain.org).

Leukemia 20, 1644 - 1646 (01 Sep 2006) Letter to Editor

3- Myeloproliferative disorders: premalignant, stem cell, G1 diseases? H Lelièvre, A Ferrand, M-J Mozziconacci, D Birnbaum, B Delaval

CONTEXT: ...Paoli-Calmettes, Inserm, and grants from Institut National du Cancer/Cancéropôle (ACI2005) and the Association Laurette Fugain (2005).

Leukemia 20, 1475 - 1480 (01 Sep 2006) Editorial

4- (5;12)(q23-31;p13) with ETV6-ACSL6 gene fusion in polycythemia vera A Murati, J Adélaïde, V Gelsi-Boyer, A Etienne, V Rémy, H Fezoui, D Sainty, L Xerri, N Vey, S Olschwang, D Birnbaum, M Chaffanet, M J Mozziconacci

CONTEXT: ...Paoli-Calmettes, Inserm, Cancéropôles (IdF and PACA) and Institut National du Cancer (ACI 2005) and Association Laurette Fugain (2005). We thank Dr C Chabannon for the management of biological samples of the biobank.

Leukemia 20, 1175 - 1178 (01 Jun 2006) Letter to Editor

5- A t(8;9) translocation with PCM1-JAK2 fusion in a patient with T-cell lymphoma J Adélaïde, C PÃ©rot, V Gelsi-Boyer, C Pautas, A Murati, C Copie-Bergman, M Imbert, M Chaffanet, D Birnbaum, M-J Mozziconacci

CONTEXT: ...was used as control. This work has been supported by Institut Paoli-Calmettes, Inserm and grants from Laurette Fugain Association and from Ministries of Health and Research (Cancéropôle).

Leukemia 20, 536 - 537 (01 Mar 2006) Letter to Editor

6- Myeloproliferative disorders: the centrosome connection B Delaval, H Lelièvre, D Birnbaum

SUMMARY: Some myeloproliferative disorders (MPD) result from a reciprocal translocation that involves the FGFR1 gene and a partner gene. The event creates a chimeric gene



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CONTEXT: ...: cell survival. Work in our laboratory on MPD is supported by Inserm, Institut Paoli-Calmettes, Association Laurette Fugain and Ministries of Health and Research (Cancéropôle). BD has been successively supported by Ministry of...
Leukemia 19, 1739 - 1744 (01 Oct 2005) Reviews

7- PCM1-JAK2 fusion in myeloproliferative disorders and acute erythroid leukemia with t(8;9) translocation A Murati, V Gelsi-Boyer, J AdÃ©laÃde, C Perot, P Talmant, S Giraudier, L LodÃ©, A Letessier, B Delaval, V Brunel, M Imbert, R Garand, L Xerri, D Birnbaum, M J Mozziconacci, M Chaffanet

CONTEXT: ...is indicated by a lozenge. This work has been supported by Institut Paoli-Calmettes, Inserm and grants from Laurette Fugain Association. VGB and BD were supported by a fellowship from Association pour la Recherche sur le Cancer and...
Leukemia 19, 1692 - 1696 (01 Sep 2005) Correspondence

BLOOD

8- NEOPLASIA: Ronan Quere, Aurelie Baudet, Bruno Cassinat, Gerald Bertrand, Jacques Marti, Laurent Manchon, David Piquemal, Christine Chomienne, and Therese Commes **Pharmacogenomic analysis of acute promyelocytic leukemia cells highlights CYP26 cytochrome metabolism in differential all-trans retinoic acid sensitivity** Blood, May 2007; 109: 4450 - 4460.

▶.....chromatography, and Joel Martin for the Cos-7 cell transfection protocol. This work was supported by grants from the Laurette Fugain association, the Centre National pour la Recherche Scientifique, and the Ligue Regionale Contre Le Cancer Languedoc-Roussillon

9- Jerome Tamburini, Caroline Elie, Valerie Bardet, Nicolas Chapuis, Sophie Park, Philippe Broet, Pascale Cornillet-Lefebvre, Bruno Lioure, Valerie Ugo, Odile Blanchet, Norbert Ifrah, Francis Witz, Francois Dreyfus, Patrick Mayeux, Catherine Lacombe, and Didier Bouscary Constitutive Phosphoinositide-3kinase/AKT activation represents a favourable prognostic factor in de novo AML patients Blood, Apr 2007; doi:10.1182/blood-2006-12-061283

▶.....Groupe Ouest Est d'Etude des Leuc?mies aig?es et Autres Maladies du Sang). This work was supported by "l'Association Laurette Fugain" and by grants from the Association pour la Recherche contre le Cancer (ARC). 9 Explanation of Authors' Contributions

10- NEOPLASIA: Odile Beyne-Rauzy, Naïs Prade-Houdellier, Cécile Demur, Christian Recher, Jacques Ayel, Guy Laurent, and Véronique Mansat-De Mas **Tumor necrosis factor- α inhibits hTERT gene expression in human myeloid normal and leukemic cells** Blood, Nov 2005; 106: 3200 - 3205.

▶.....blood-2005-04-1386. Supported by grants from the Institut National de la Sante et de la Recherche Medicale, the Association Laurette Fugain, the Association Cent pour Sang La Vie and by a fellowship from the Ligue Nationale contre le Cancer (N.P.-H.....

11- TRANSPLANTATION:

Mohamad Mohty, Didier Blaise, Catherine Faucher, Norbert Vey, Reda Bouabdallah, Anne-Marie Stoppa, Frederic Viret, Gwenaelle Gravis, Daniel Olive, and Béatrice Gaugler **Inflammatory cytokines and acute graft-versus-host disease after reduced-intensity conditioning allogeneic stem cell transplantation** Blood, Dec 2005; 106: 4407 - 4411.

▶.....Fondation contre la Leucemie, the Etablissement Francais des Greffes (EFG), the Association Cent pour Sang la Vie, the Association Laurette Fugain, and the GEFLUC, for their generous and continuous support for our clinical work and basic research.



ONCOGENE

12- NF- κ B inhibition sensitizes to starvation-induced cell death in high-risk myelodysplastic syndrome and acute myeloid leukemia C Fabre, G Carvalho, E Tasdemir, T Braun, L Adès, J Grosjean, S Boehrer, D Métivier, S Souquère, G Pierron, P Fenaux, G Kroemer

SUMMARY: CD34+ bone marrow blasts from high-risk myelodysplastic syndrome (MDS) patients as well as MDS patient-derived cell lines (P39 and MOLM13) constitutively activate the nuclear

CONTEXT: ...Leucémies), Cancéropôle Ile-de-France, Ligue contre le Cancer (Département de Seine Saint Denis), Association Laurette Fugain (to GK) and the MDS Foundation (to TB).

Oncogene 26, 4071 - 4083 (14 Jun 2007) Original Article

13- Inhibition of NEMO, the regulatory subunit of the IKK complex, induces apoptosis in high-risk myelodysplastic syndrome and acute myeloid leukemia G Carvalho, C Fabre, T Braun, J Grosjean, L Ades, F Agou, E Tasdemir, S Boehrer, A Israel, M Véron, P Fenaux, G Kroemer

SUMMARY: In high-risk myelodysplastic syndromes (MDS) and acute myeloid leukemia (AML), blasts constitutively activate the antiapoptotic transcription factor nuclear factor- κ B (NF- κ B). Here, we show that

CONTEXT: ...Leucémies), Cancéropôle Ile-de-France, Ligue contre le Cancer (Département de Seine St Denis), Association Laurette Fugain (to GK) and the International MDS Foundation (to TB).

Oncogene 26, 2299 - 2307 (05 Apr 2007) Original Article

LEUKEMIA

14- Mechanisms of action of antithymocyte globulin: T-cell depletion and beyond M Mohty, Dr M Mohty

SUMMARY: The success of allogeneic stem cell transplantation and solid-organ transplantation owes much to improvements in the immunosuppressive regimens that prevent graft-versus-host disease (GVHD) or s

CONTEXT: ...contre la Leucémie', the 'Agence de Biomédecine', the 'Association Cent pour Sang la Vie' and the 'Association Laurette Fugain', for their generous and continuous support for our clinical and basic research work. Our group is...

Leukemia 21, 1387 - 1394 (05 Apr 2007) Review

BONE MARROW TRANSPLANTATION

15- High-dose weekly liposomal amphotericin B antifungal prophylaxis following reduced-intensity conditioning allogeneic stem cell transplantation J El-Cheikh, C Faucher, S Färst, S Duran, P Berger, N Vey, A-M Stoppa, R Bouabdallah, J-A Gastaut, P Viens, D Blaise, M Mohty

SUMMARY: The use of high-dose corticosteroids for graft-versus-host disease (GVHD) treatment represents a major risk factor for long-term invasive fungal infections. The aim of this

CONTEXT: ...contre la Leucémie', the 'Agence de Biomédecine', the 'Association Cent pour Sang la Vie', and the 'Association Laurette Fugain' for their generous and continuous support for our clinical and basic research work. Our group is...

Bone Marrow Transplantation 39, 301 - 306 (01 Mar 2007) Original Article



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NATURE CELLE BIOLOGY

16- Functional interaction between PML and SATB1 regulates chromatin-loop architecture and transcription of the MHC class I locus Pavan Kumar P., Oliver Bischof, Prabhat Kumar Purbey, Dimple Notani, Henning Urlaub, Anne Dejean, Sanjeev Galande

SUMMARY: The function of the subnuclear structure the promyelocytic leukaemia (PML) body is unclear largely because of the functional heterogeneity of its constituents. Here, we

CONTEXT: ...Contre le Cancer, the Fondation de France, the European Economic Community 'Intact', and the Association Laurette Fugain. O.B. is a senior research fellow from the Centre National de la Recherche Scientifique. P.K., D.N. and P.K.P...

Nature Cell Biology 9, 45 - 56 (01 Jan 2007) Article

ONCOGENE

17- A crosstalk between the Wnt and the adhesion-dependent signaling pathways governs the chemosensitivity of acute myeloid leukemia F De Toni, C Racaud-Sultan, G Chicanne, V Mansat-De Mas, C Cariven, F Mesange, J-P Salles, C Demur, M Allouche, B Payrastra, S Manenti, L Ysebaert

SUMMARY: Relapses following chemotherapy are a major hindrance to patients' survival in acute myeloid leukemia (AML). To investigate the role of the hematopoietic niche in

CONTEXT: ...work was financially supported by Association pour la Recherche contre le Cancer (Grant No. 3638); Association Laurette Fugain, France.

Oncogene 25, 3113 - 3122 (25 May 2006) Original Article

CELL AND DEATH DIFFERENTIATION

18- Cell cycle-dependent cytotoxic and cytostatic effects of bortezomib on colon carcinoma cells

A Coquelle, S Mouhamad, M O Pequignot, T Braun, G Carvalho, S Vivet, D MÃ©tivier, M Castedo, G Kroemer

CONTEXT: ...similar results GK is supported by European Commission (Active p53), CancÃ©ropÃ©le Ile-de-France, Fondation Laurette Fugain, Fondation de France, and Association pour la Recherche contre le cancer. S.M. received a fellowship from...

Cell Death and Differentiation 13, 873 - 875 (01 May 2006) Letter to Editor

19- NF- κ B in life/death decisions: an introduction A Israel, G Kroemer

CONTEXT: ...own work on NF-B is supported by CancÃ©ropÃ©le Ile-de-France, Fondation de France, MDS Foundation, Fondation Laurette Fugain and Association pour la Recherche sur le Cancer.

Cell Death and Differentiation 13, 685 - 686 (01 May 2006) Editorial

LEUKEMIA

20- Graft-versus-host-disease and granulocyte colony-stimulating factor administration after allogeneic stem cell transplantation M Mohty, C Faucher, D Blaise

CONTEXT: ...MÃ©diterranÃ©enne pour le DÃ©veloppement de la Transplantation' (AMDT, Marseille, France), the 'Association Laurette Fugain' (Paris, France), the 'Association pour la Recherche sur le Cancer (ARC)', the 'Ligue Nationale contre le...

Leukemia 19, 500 - 503 (01 Apr 2005) Keynote Address



BONE MARROW TRANSPLANTATION

21- Thalidomide salvage therapy following allogeneic stem cell transplantation for multiple myeloma: a retrospective study from the Intergroupe Francophone du Myélome (IFM) and the Société Française de Greffe de Moelle et Thérapie Cellulaire (SFGM-TC) M Mohty, M Attal, G Marit, C E Bulabois, F Garban, N Gratecos, B Rio, J P Vernant, J J Sotto, J Y Cahn, D Blaise, J P Jouet, T Facon, I Yakoub-Agha

SUMMARY: Summary: Thalidomide is effective in multiple myeloma (MM), even in patients who have relapsed after high-dose therapy. A potent graft-versus-myeloma (GVM) effect can be

CONTEXT: ...Méditerranéenne pour le Développement de la Transplantation' (AMDT, Marseille, France), the 'Association Laurette Fugain' (Paris, France), the 'Association pour la Recherche sur le Cancer (ARC)', the 'Ligue Nationale contre le...

Bone Marrow Transplantation 35, 165 - 169 (31 Dec 2004) Original Article

BIOCHEMICAL PHARMACOLOGY

22- Enrichment of non-synchronized cells in the G1, S and G2 phases of the cell cycle for the study of apoptosis Coquelle, A. / Mouhamad, S. / Pequignot, M.O. / Braun, T. / Carvalho, G. / Vivet, S. / Metivier, D. / (...) / Kroemer, G. , *Biochemical Pharmacology*, 72 (11), p.1396-1404, Nov 2006 ...G.K. is supported by European Commission (Active p53), Canceropole Ile-de-France, Fondation de France, Fondation Laurette Fugain and Association pour la Recherche contre le cancer. S.M. received a fellowship from Institut Gustave Roussy. References...

JOURNAL OF IMMUNOLOGY

23- CLINICAL IMMUNOLOGY: Nicolas Boissel, Delphine Rea, Vannary Tieng, Nicolas Dulphy, Manuel Brun, Jean-Michel Cayuela, Philippe Rousselot, Ryad Tamouza, Philippe Le Bouteiller, François-Xavier Mahon, Alexander Steinle, Dominique Charron, Hervé Dombret, and Antoine Toubert **BCR/ABL Oncogene Directly Controls MHC Class I Chain-Related Molecule A Expression in Chronic Myelogenous Leukemia** *J. Immunol.*, Apr 2006; 176: 5108 - 5116.

►.....Fondation de France (Project 2002-2386), Canceropole Ile-de-France, EC FP6 Program Allstem (FP6 503319), and Association Laurette Fugain. 2 Address correspondence and reprint requests to Dr. Nicolas Boissel, Institut National de la Santé

CANCER RESEARCH

24- CELL, TUMOR, AND STEM CELL BIOLOGY: Anne Fernandez-Vidal, Loïc Ysebaert, Christine Didier, Remy Betous, Fabienne De Toni, Naïf Prade-Houdellier, Cécile Demur, Marie-Odile Contour-Galcéra, Grégoire P. Prévost, Bernard Ducommun, Bernard Payrastre, Claire Racaud-Sultan, and Stéphane Manenti **Cell Adhesion Regulates CDC25A Expression and Proliferation in Acute Myeloid Leukemia** *Cancer Res.*, Jul 2006; 66: 7128 - 7135.

►.....integrin functions. Grant support: Institut National de la Santé et de la Recherche Médicale, Association Laurette Fugain grant R05027BB, and Association pour la Recherche sur le Cancer grant 3638. The costs of publication of this article.....

25- EXPERIMENTAL THERAPEUTICS, MOLECULAR TARGETS, AND CHEMICAL BIOLOGY: Carine Robert, Laurent Delva, Nicole Balitrand, Sarolta Nahajevszky, Tamás Masszi, Christine Chomienne, and Béla Papp **Apoptosis Induction by Retinoids in Eosinophilic Leukemia Cells:**



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Implication of Retinoic Acid Receptor- α Signaling in All-Trans-Retinoic Acid Hypersensitivity
Cancer Res., Jun 2006; 66: 6336 - 6344.

►.....Sante et de la Recherche Medicale, Fondation de France, Association pour la Recherche sur le Cancer, and Association Laurette Fugain (C. Robert and B. Papp). The costs of publication of this article were defrayed in part by the payment of page charges.....

CANCER GENETICS AND CYTOGENETICS

26- Rearrangements involving 12q in myeloproliferative disorders: possible role of *HMGA2* and *SOCS2* genes Etienne A, Carbuccia N, Adélaïde J, Bekhouche I, Rémy V, Sohn C, Sainty D, Gastaut JA, Olschwang S, Birnbaum D, Mozziconacci MJ, Chaffanet M Cancer Genetics and Cytogenetics 01 July 2007 (Vol. 176, Issue 1, Pages 80-88)

27- Combined translocation with *ZNF198-FGFR1* gene fusion and deletion of potential tumor suppressors in a myeloproliferative disorder Etienne A, Gelsi-Boyer V, Carbuccia N, Adélaïde J, Barba G, La Starza R, Murati A, Eclache V, Birg F, Birnbaum D, Mozziconacci MJ, Mecucci C, Chaffanet M Cancer Genetics and Cytogenetics March 2007 (Vol. 173, Issue 2, Pages 154-158)