

Quelques publications des chercheurs des réseaux CGO en janvier/février 2020

Réseau NET (Niches et Epigénétique des Tumeurs)

· [Cell-free circulating epimarks in cancer monitoring.](#)

Duforestel M. Briand J. Bougras-Cartron G. Heymann D. Frenel JS. Vallette FM. Cartron PF.

· [BET bromodomains' functions in bone-related pathologies.](#)

Jacques C. Lavaud M. Georges S. Tesfaye R. Baud'huin M. Lamoureux F. Ory B.

· [Epigenetic mechanisms driving tumor supportive microenvironment differentiation and function: a role in cancer therapy ?](#)

Sylvestre M. Tarte K. Roulois D.

· [Epigenetic protein complexes: the adequate candidates for the use of a new generation of epidrugs in personalized and precision medicine in cancer.](#)

Cartron PF. Cheray M. Bretaudeau L.

· [Bone marrow oxidative stress and specific antioxidant signatures in myelodysplastic syndromes.](#)

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.

· [Cytosine methylation of mature microRNAs inhibits their functions and is associated with poor prognosis in glioblastoma multiforme.](#)

Cheray M, Etcheverry A, Jacques C, Pacaud R, Bougras-Cartron G, Aubry M, Denoual F, Peterlongo P, Nadaradjane A, Briand J, Akcha F, Heymann D, Vallette FM, Mosser J, Ory B, Cartron PF

Réseau 3MC (Molécules Marines, Métabolisme et Cancer)

[Development of a CDK10/CycM in vitro Kinase Screening Assay and Identification of First Small-Molecule Inhibitors.](#)

Thomas Robert. Jared L. Johnson. Roxane Guichaoua. Tomer M. Yaron., Stéphane Bach. Lewis C. Cantley. Pierre Colas.

Réseau CasTHor (Cancers des Tissus Hormono-dépendants)

[STING-dependent paracrine shapes apoptotic priming of breast tumors in response to anti-mitotic treatment.](#)

Lohard S, Bourgeois N, Maillet L, Gautier F, Fétiveau A, Lasla H, Nguyen F, Vuillier C, Dumont A, Moreau-Aubry A, Frapin M, David L, Loussouarn D, Kerdraon O, Campone M, Jézéquel P, Juin PP, Barillé-Nion S.

Nat Commun. 2020 Jan 14;11(1):259. doi: 10.1038/s41467-019-13689-y.

Réseau VIR (Vectorisation, Imagerie, Radiothérapies)

[· Influence of Radiotherapy Fractionation Schedule on the Tumor Vascular Microenvironment in Prostate and Lung Cancer Models.](#)

Clément-Colmou K, Potiron V, Pietri M, Guillonneau M, Jouglar E, Chiavassa S, Delpon G, Paris F, Supiot S. Cancers (Basel). 2020 Jan 2;12(1).

[· Cell Tracking in Cancer Immunotherapy.](#)

Perrin J, Capitaio M, Mougin-Degraef M, Guérard F, Faivre-Chauvet A, Rbah-Vidal L, Gaschet J, Guilloux Y, Kraeber-Bodéré F, Chérel M, Barbet J.

Front Med (Lausanne). 2020 Feb 14;7:34.

[· Imaging of Monoclonal Gammopathy of Undetermined Significance and Smoldering Multiple Myeloma.](#)

Jamet B, Bailly C, Carlier T, Touzeau C, Michaud AV, Bourgeois M, Moreau P, Bodet-Milin C, Kraeber-Bodere F.

Cancers (Basel). 2020 Feb 19;12(2).

[· SPECT-CT Imaging of Dog Spontaneous Diffuse Large B-Cell Lymphoma Targeting CD22 for the Implementation of a Relevant Preclinical Model for Human.](#)

Etienne F, Berthaud M, Nguyen F, Bernardeau K, Maurel C, Bodet-Milin C, Diab M, Abadie J, Gouilleux-Gruart V, Vidal A, Bourgeois M, Chouin N, Ibsch C, Davodeau F.

Front Oncol. 2020 Feb 7;10:20.

[· Picolinate-appended tacn complexes for bimodal imaging: Radiolabeling, relaxivity, photophysical and electrochemical studies.](#)

Guillou A, Galland M, Roux A, Váradi B, Gogolák RA, Le Saëc P, Faivre-Chauvet A, Beyler M, Bucher C, Tircsó G, Patinec V, Maury O, Tripier R. J

Inorg Biochem. 2020 Apr;205:110978.

[· New insights on the role of ROS in the mechanisms of sonoporation-mediated gene delivery.](#)

Escoffre JM, Campomanes P, Tarek M, Bouakaz A.

Ultrason Sonochem. 2020 Feb 4;64:104998.

Réseau Immunothérapie

[· Increased antitumor efficacy of PD-1-deficient melanoma-specific human lymphocytes.](#)

Marotte L, Simon S, Vignard V, Dupre E, Gantier M, Cruard J, Alberge JB, Hussong M, Deleine C, Heslan JM, Shaffer J, Beauvais T, Gaschet J, Scotet E, Fradin D, Jarry A, Nguyen T, Labarriere N. J Immunother Cancer. 2020 Jan;8(1).

[· MicroRNAs in Tumor Exosomes Drive Immune Escape in Melanoma.](#)

Vignard V, Labbé M, Marec N, André-Grégoire G, Jouand N, Fonteneau JF, Labarrière N, Fradin D. Cancer Immunol Res. 2020 Feb;8(2):255-267.