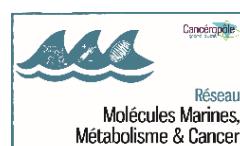
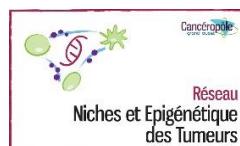
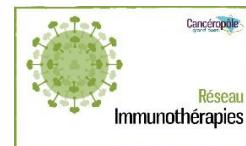
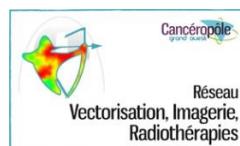
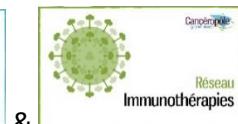


**Ce document liste les publications des travaux  
des équipes de recherche du Cancéropôle Grand Ouest,  
sorties de janvier à mars 2021, classées par réseaux du CGO.**

**Pour accéder plus rapidement aux publications des réseaux qui vous intéressent,  
vous pouvez cliquer directement sur les logos ci-dessous :**



**Et pour les publications inter-réseaux :**



&



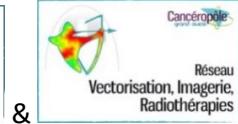
&



&



&



&

Réseau « Vectorisation, Imagerie, Radiothérapies »

[Rapamycin-Loaded Lipid Nanocapsules Induce Selective Inhibition of the mTORC1-Signaling Pathway in Glioblastoma Cells.](#)

Séhédic D, Roncali L, Djoudi A, Buchtova N, Avril S, Chérel M, Boury F, Lacoeuille F, Hindré F, Garcion E. Front Bioeng Biotechnol. 2021 Feb 25;8:602998. CGO remercié, Projet MuMoFRaT (AOS CGO/Régions)

[Diagnostic value of positron-emission tomography textural indices for malignancy of 18F-fluorodeoxyglucose-avid adrenal lesions.](#)

Thuillier P, Bourhis D, Schick U, Alavi Z, Guezennec C, Robin P, Kerlan V, Salaun PY, Abgral R. Q J Nucl Med Mol Imaging. 2021 Mar;65(1):79-87.

[Incidental Findings of a Vestibular Schwannoma on 18F-Choline PET/CT.](#)

Amrane K, Le Pennec R, Tissot V, Schick U, Abgral R. Clin Nucl Med. 2021 Feb 1;46(2):e75-e77.

[Clinical Assessment of 177Lu-DOTATATE Quantification by Comparison of SUV-Based Parameters Measured on Both Post-PRRT SPECT/CT and 68Ga-DOTATOC PET/CT in Patients With Neuroendocrine Tumors: A Feasibility Study.](#)

Thuillier P, Maajem M, Schick U, Blanc-Beguin F, Hennebicq S, Metges JP, Salaun PY, Kerlan V, Bourhis D, Abgral R. Clin Nucl Med. 2021 Feb 1;46(2):111-118.

[Clinical perspectives for the use of total body PET/CT.](#)

Abgral R, Bourhis D, Salaun PY. Eur J Nucl Med Mol Imaging. 2021 Mar 19.

[Assessment of Image Quality and Lesion Detectability With Digital PET/CT System.](#)

Delcroix O, Bourhis D, Keromnes N, Robin P, Le Roux PY, Abgral R, Salaun PY, Querellou S. Front Med (Lausanne). 2021 Feb 22;8:629096.

[Prospective study of dynamic whole-body 68Ga-DOTATOC-PET/CT acquisition in patients with well-differentiated neuroendocrine tumors.](#)

Thuillier P, Bourhis D, Metges JP, Le Pennec R, Amrane K, Schick U, Blanc-Beguin F, Hennebicq S, Salaun PY, Kerlan V, Karakatsanis N, Abgral R. Sci Rep. 2021 Mar 1;11(1):4727.

[\[Application of the « Junior Doctor » status in Radiation Oncology\].](#)

Bourbonne V, Michalet M, Lopez H, Pradier O, Spano JP, Giraud P. Cancer Radiother. 2021 Jan 15:S1278-3218(20)30366-8.

[Toxicity after volumetric modulated arc therapy for lung cancer: a monocentric retrospective study.](#)

Bourbonne V, Delafoy A, Lucia F, Quéré G, Pradier O, Schick U. Transl Lung Cancer Res. 2021 Jan;10(1):156-166.

[Dosimetric Validation of a GAN-Based Pseudo-CT Generation for MRI-Only Stereotactic Brain Radiotherapy.](#)

Bourbonne V, Jaouen V, Hognon C, Boussion N, Lucia F, Pradier O, Bert J, Visvikis D, Schick U. Cancers (Basel). 2021 Mar 3;13(5):1082.

## PUBLICATIONS JANVIER à MARS 2021

### [Convolutional neural networks for PET functional volume fully automatic segmentation: development and validation in a multi-center setting.](#)

Iantsen A, Ferreira M, Lucia F, Jaouen V, Reinhold C, Bonaffini P, Alfieri J, Rovira R, Masson I, Robin P, Mervoyer A, Rousseau C, Kridelka F, Decuypere M, Lovinfosse P, Pradier O, Hustinx R, Schick U, Visvikis D, Hatt M.

Eur J Nucl Med Mol Imaging. 2021 Mar 27.

### [\[18F\]FDG PET radiomics to predict disease-free survival in cervical cancer: a multi-scanner/center study with external validation.](#)

Ferreira M, Lovinfosse P, Hermesse J, Decuypere M, Rousseau C, Lucia F, Schick U, Reinhold C, Robin P, Hatt M, Visvikis D, Bernard C, Leijenaar RTH, Kridelka F, Lambin P, Meyer PE, Hustinx R.

Eur J Nucl Med Mol Imaging. 2021 Mar 26.

### [Radiogenomics in Colorectal Cancer.](#)

Badic B, Tixier F, Cheze Le Rest C, Hatt M, Visvikis D.  
Cancers (Basel). 2021 Feb 26;13(5):973.

### [Artificial intelligence: Deep learning in oncological radiomics and challenges of interpretability and data harmonization.](#)

Papadimitroulas P, Brocki L, Christopher Chung N, Marchadour W, Vermet F, Gaubert L, Eleftheriadis V, Plachouris D, Visvikis D, Kagadis GC, Hatt M.

Phys Med. 2021 Mar 22;83:108-121.

### [Advanced Monte Carlo simulations of emission tomography imaging systems with GATE.](#)

Sarrut D, Bala M, Bardies M, Bert J, Chauvin M, Chatzipapas K, Dupont M, Etxebeste A, Fanchon LM, Jan S, Kayal G, Kirov AS, Kowalski P, Krzemień W, Labour J, Lenz M, Loudos G, Mehadji B, Menard L, Morel C, Papadimitroulas P, Rafecas M, Salvadori J, Seiter D, Stockhoff M, Testa E, Trigila C, Pietrzyk U, Vandenberghe S, Verdier MA, Visvikis D, Ziemons K, Zvolensky ML, Roncali E.

Phys Med Biol. 2021 Mar 26. doi: 10.1088/1361-6560/abf276.

### [Pyclen-Based Ligands Bearing Pendant Picolinate Arms for Gadolinium Complexation.](#)

Nizou G, Molnár E, Hamon N, Kálmán FK, Fougère O, Rousseaux O, Esteban-Gómez D, Platas-Iglesias C, Beyler M, Tircsó G, Tripier R.  
Inorg Chem. 2021 Feb 15;60(4):2390-2405.

### [Cyclam-Based Chelators Bearing Phosphonated Pyridine Pendants for 64Cu-PET Imaging: Synthesis, Physicochemical Studies, Radiolabeling, and Bioimaging.](#)

Knighton RC, Troadec T, Mazan V, Le Saëc P, Marionneau-Lambot S, Le Bihan T, Saffon-Merceron N, Le Bris N, Chérel M, Faivre-Chauvet A, Elhabiri M, Charbonnière LJ, Tripier R.  
Inorg Chem. 2021 Feb 15;60(4):2634-2648.

### [Impact of DOTA Conjugation on Pharmacokinetics and Immunoreactivity of \[177Lu\]Lu-1C1m-Fc, an Anti TEM-1 Fusion Protein Antibody in a TEM-1 Positive Tumor Mouse Model.](#)

Delage JA, Faivre-Chauvet A, Barbet J, Fierle JK, Schaefer N, Coukos G, Viertl D, Dunn SM, Gnesin S, Prior JO. Pharmaceutics. 2021 Jan 13;13(1):96.

### [Anti-CEA pretargeted Immuno-PET shows higher sensitivity than DOPA-PET/CT to detect relapsing metastatic medullary thyroid carcinoma: Post-hoc analysis of the iPET-MTC study.](#)

Bodet-Milin C, Faivre-Chauvet A, Carlier T, Ansquer C, Rauscher A, Frampas E, Toulgoat F, Masson D, Bourgeois M, Cerato E, Rohmer V, Couturier O, Drui D, Goldenberg DM, Sharkey RM, Barbet J, Kraeber-Bodere F.

J Nucl Med. 2021 Feb 5:jnumed.120.252791.

## PUBLICATIONS JANVIER à MARS 2021

### [Head-to-Head Comparison of 18F-DOPA PET/CT and 68Ga-DOTANOC PET/CT in Patients With Midgut Neuroendocrine Tumors.](#)

Ansquer C, Touchefeu Y, Faivre-Chauvet A, Leux C, Le Bras M, Régenet N, Fleury V, Maucherat B, Senellart H, Guyetant S, Carlier T, Scotet-Cérato E, Rauscher A, Frampas E, Kraeber-Bodéré F.  
Clin Nucl Med. 2021 Mar 1;46(3):181-186.

### [Radical radiotherapy for paediatric solid tumour metastases: An overview of current European protocols and outcomes of a SIOPE multicenter survey.](#)

Huijskens SC, Kroon PS, Gaze MN, Gandola L, Bolle S, Supiot S, Abakay CD, Alexopoulou A, Bokun J, Chojnacka M, Escande A, Giralt J, Harrabi S, Maduro JH, Mandeville H, Mussano A, Napieralska A, Padovani L, Scarzello G, Timmermann B, Claude L, Seravalli E, Janssens GO.  
Eur J Cancer. 2021 Mar;145:121-131.

### [Effective Management of 177Lu-DOTA0-Tyr3-Octreotide Extravasation.](#)

Maucherat B, Varmenot N, Fleury V, Senellart H, Rousseau C.  
Clin Nucl Med. 2021 Feb 1;46(2):144-145.

### [Survey by the French Medicine Agency \(ANSM\) of the imaging protocol, detection rate, and safety of 68Ga-PSMA-11 PET/CT in the biochemical recurrence of prostate cancer in case of negative or equivocal 18F-fluorocholine PET/CT: 1084 examinations.](#)

Chevalme YM, Boudali L, Gauthé M, Rousseau C, Skanjeti A, Merlin C, Robin P, Giraudet AL, Janier M, Talbot JN.  
Eur J Nucl Med Mol Imaging. 2021 Jan 8.



## Réseau « Cancers des Tissus Hormono-dépendants »

### [Developmental exposure to chlорdecone induces transgenerational effects in somatic prostate tissue which are associated with epigenetic histone trimethylation changes.](#)

Legoff L, D'Cruz SC, Lebosq M, Gely-Pernot A, Bouchekhchoukha K, Monfort C, Kernanec PY, Tevosian S, Multigner L, Smagulova F.  
Environ Int. 2021 Mar 10;152:106472.

### [A Closer Look at Estrogen Receptor Mutations in Breast Cancer and Their Implications for Estrogen and Antiestrogen Responses.](#)

Clusan L, Le Goff P, Flouriot G, Pakdel F.  
Int J Mol Sci. 2021 Jan 13;22(2):756.

### [Apigenin, a Partial Antagonist of the Estrogen Receptor \(ER\), Inhibits ER-Positive Breast Cancer Cell Proliferation through Akt/FOXM1 Signaling.](#)

Pham TH, Page YL, Percevault F, Ferrière F, Flouriot G, Pakdel F.  
Int J Mol Sci. 2021 Jan 5;22(1):470.

### [Overall Survival Among Chemotherapy-Naïve Patients With Castration-Resistant Prostate Cancer Under Abiraterone Versus Enzalutamide: A Direct Comparison Based on a 2014-2018 French Population Study \(the SPEAR Cohort\).](#)

Scailteux LM, Campillo-Gimenez B, Kerbrat S, Despas F, Mathieu R, Vincendeau S, Balusson F, Happe A, Nowak E, Oger E.  
Am J Epidemiol. 2021 Feb 1;190(3):413-422.

## PUBLICATIONS JANVIER à MARS 2021

### Deep Neural Networks Outperform the CAPRA Score in Predicting Biochemical Recurrence After Prostatectomy.

Sargos P, Leduc N, Giraud N, Gandaglia G, Roumiguié M, Ploussard G, Rozet F, Soulié M, Mathieu R, Artus PM, Niazi T, Vinh-Hung V, Beauval JB.  
Front Oncol. 2021 Feb 11;10:607923.



### Réseau « Immunothérapies »

#### Comparison of Monoclonal Gammopathies Linked to Poliovirus or Coxsackievirus vs. Other Infectious Pathogens.

Harb J, Mennesson N, Lepetit C, Fourny M, Louvois M, Bosseboeuf A, Allain-Maillet S, Decaux O, Moreau C, Tallet A, Piver E, Moreau P, Salle V, Bigot-Corbel E, Hermouet S.  
Cells. 2021 Feb 19;10(2):438.

#### Change in lentigo maligna score assessed by in vivo reflectance confocal microscopy after one month of imiquimod treatment for lentigo maligna management.

Soenen Resident A, Vourc'h M, Khammari A, Nguyen JM, Bossard C, Musquer MD, Vergier B, Dréno B.  
J Am Acad Dermatol. 2021 Mar 27:S0190-9622(21)00636-8.

#### Delivery of cancer therapies by synthetic and bio-inspired nanovectors.

Briolay T, Petithomme T, Fouet M, Nguyen-Pham N, Blanquart C, Boisgerault N.  
Mol Cancer. 2021 Mar 24;20(1):55.

#### Which adjuvant treatment for patients with BRAFV600-mutant cutaneous melanoma?

Funck-Brentano E, Malissen N, Roger A, Lebbé C, Deilhes F, Frénard C, Dréno B, Meyer N, Grob JJ, Tétu P, Saiag P.  
Ann Dermatol Venereol. 2021 Feb 9:S0151-9638(21)00008-9.

#### Effectiveness and safety of nivolumab in patients with advanced melanoma: A multicenter, observational study.

Monestier S, Dalle S, Mortier L, Dutriaux C, Dalac-Rat S, Meyer N, Leccia MT, Mansard S, Montaudié H, Saiag P, Combemale P, Guillot B, Skowron F, Duval Modeste AB, Bénéton N, Hainaut E, Robert C, Arnault JP, Le Corre Y, Jouary T, Ameur N, Varey E, Khammari A, Dréno B; RIC-Mel network.  
Int J Cancer. 2021 Jun 1;148(11):2789-2798. doi: 10.1002/ijc.33467. Epub 2021 Feb 19.

#### Clinical, biological and histological characteristics of bullous pemphigoid associated with anti-PD-1/PD-L1 therapy: A national retrospective study.

Juzot C, Sibaud V, Amatore F, Mansard S, Seta V, Jeudy G, Pham-Ledard A, Benzaquen M, Peuvrel L, Le Corre Y, Lesage C, Viguer M, Baroudjian B, Dréno B, Quéreux G.  
J Eur Acad Dermatol Venereol. 2021 Mar 30.



### Réseau « Niches et Epigénétique des Tumeurs »

#### TOM20-mediated transfer of Bcl2 from ER to MAM and mitochondria upon induction of apoptosis

Lalier L, Mignard V, Joalland MP, Lanoé D, Cartron PF, Manon S, Vallette FM.  
Cell Death Dis. 2021 Feb 15;12(2):182. **CGO remercié, Projet CONCERTO (AOS CGO/Régions)**

## PUBLICATIONS JANVIER à MARS 2021

### [Drug Resistance in Glioblastoma: The Two Faces of Oxidative Stress.](#)

Olivier C, Oliver L, Lalier L, Vallette FM.  
Front Mol Biosci. 2021 Jan 27;7:620677.

### [Reduction of RUNX1 transcription factor activity by a CBFA2T3-mimicking peptide: application to B cell precursor acute lymphoblastic leukemia.](#)

Jakobczyk H, Debaize L, Soubise B, Avner S, Rouger-Gaudichon J, Commet S, Jiang Y, Sérandour AA, Rio AG, Carroll JS, Wichmann C, Lie-A-Ling M, Lacaud G, Corcos L, Salbert G, Galibert MD, Gandemer V, Troadec MB.  
J Hematol Oncol. 2021 Mar 20;14(1):47.

### [Towards ecosystem integration for a better understanding of aggressiveness of B-cell lymphomas.](#)

Chiron D.  
Br J Haematol. 2021 Feb 22.

### [RNA-sequencing of IDH-wild-type glioblastoma with chromothripsis identifies novel gene fusions with potential oncogenic properties.](#)

Ah-Pine F, Casas D, Menei P, Boisselier B, Garcion E, Rousseau A.  
Transl Oncol. 2021 Jan;14(1):100884.

### [Occupational pesticide exposure increases risk of acute myeloid leukemia: a meta-analysis of case-control studies including 3,955 cases and 9,948 controls.](#)

Foucault A, Vallet N, Ravalet N, Picou F, Bene MC, Gyan E, Herault O.  
Sci Rep. 2021 Jan 21;11(1):2007. **CGO Remercié**

### [Characterization of NADPH Oxidase Expression and Activity in Acute Myeloid Leukemia Cell Lines: A Correlation with the Differentiation Status.](#)

Dakik H, El Dor M, Leclerc J, Kouzi F, Nehme A, Deynoux M, Debeissat C, Khamis G, Ducrocq E, Ibrik A, Stasia MJ, Raad H, Rezvani HR, Gouilleux F, Zibara K, Herault O, Mazurier F.  
Antioxidants (Basel). 2021 Mar 23;10(3):498.

### [Automated Early Detection of Myelodysplastic Syndrome within the General Population Using the Research Parameters of Beckman-Coulter DxH 800 Hematology Analyzer.](#)

Ravalet N, Foucault A, Picou F, Gombert M, Renoult E, Lejeune J, Vallet N, Lachot S, Rault E, Gyan E, Bene MC, Herault O.  
Cancers (Basel). 2021 Jan 21;13(3):389.

### [The GTPase-activating protein-related domain of neurofibromin interacts with MC1R and regulates pigmentation-mediated signaling in human melanocytes.](#)

Deraredj Nadim W, Hassanaly S, Bénédetti H, Kieda C, Grillon C, Morisset-Lopez S.  
Biochem Biophys Res Commun. 2021 Jan 1;534:758-764.

### [Vasculogenic mimicry, a complex and devious process favoring tumorigenesis - Interest in making it a therapeutic target.](#)

Treps L, Faure S, Clerc N. Pharmacol Ther. 2021 Jan 17;223:107805.

### [High-Dimensional Phenotyping of Human Myeloid-Derived Suppressor Cells/Tumor-Associated Macrophages in Tissue by Mass Cytometry.](#)

Ferrant J, Le Gallou S, Manson G, Genebrier S, Mourcin F, Tarte K, Roussel M.  
Methods Mol Biol. 2021;2236:57-66.

## PUBLICATIONS JANVIER à MARS 2021

### Long Noncoding RNAs in Cholangiocarcinoma.

Merdrignac A, Papoutsoglou P, Coulouarn C.  
Hepatology. 2021 Mar;73(3):1213-1226.

### Integrative genomics highlights opportunities for innovative therapies targeting the tumor microenvironment in gallbladder cancer.

Roessler S, Edeline J, Schirmacher P, Coulouarn C.  
J Hepatol. 2021 Feb 16:S0168-8278(21)00007-6.

### Targeting the tumor microenvironment in cholangiocarcinoma: implications for therapy.

Louis C, Edeline J, Coulouarn C.  
Expert Opin Ther Targets. 2021 Feb;25(2):153-162.

### CRISPR screens identify tumor-promoting genes conferring melanoma cell plasticity and resistance.

Gautron A, Bachelot L, Aubry M, Leclerc D, Quéméner AM, Corre S, Rambow F, Paris A, Tardif N, Leclair HM, Marin-Bejar O, Coulouarn C, Marine JC, Galibert MD, Gilot D.  
EMBO Mol Med. 2021 Mar 16:e13466.

### Ruling out septic arthritis risk in a few minutes using mid-infrared spectroscopy in synovial fluids

Jean-David Albert, Maëna Le Corvec, Olivia Berthoud, Claire David, Xavier Guennoc, Emmanuel Hoppe, Sandrine Jousse-Joulin, Benoît Le Goff, Hugues Tariel, Olivier Sire, Anne Jolivet-Gougeon, Guillaume Coiffier, Olivier Loréal.  
Rheumatology (Oxford). 2021 Mar 2;60(3):1158-1165.

### Oxaliplatin before autologous transplantation in combination with high-dose cytarabine and rituximab provides longer disease control than cisplatin or carboplatin in patients with mantle-cell lymphoma: results from the LyMA prospective trial.

Tessoulin B, Chiron D, Thieblemont C, Oberic L, Bouadballah K, Gyan E, Damaj G, Ribrag V, Gressin R, Feugier P, Casasnovas O, Zerazhi H, Lemonnier F, Maisonneuve H, Joubert C, Van Den Neste E, Lamy T, Tilly H, Moreau A, Hermine O, Le Gouill S.  
Bone Marrow Transplant. 2021 Mar 3.



## Réseau « Molécules Marines, Métabolisme et Cancer »

### Tetraspanins: useful multifunction proteins for the possible design and development of small-molecule therapeutic tools.

Robert JH, Amoussou NG, Mai HL, Logé C, Brouard S.  
Drug Discov Today. 2021 Jan;26(1):56-68.

### In vitro identification of imidazo[1,2-a]pyrazine-based antileishmanial agents and evaluation of L. major casein kinase 1 inhibition.

Bazin MA, Cojean S, Pagniez F, Bernadat G, Cavé C, Ourliac-Garnier I, Nourrisson MR, Morgado C, Picot C, Leclercq O, Baratte B, Robert T, Späth GF, Rachidi N, Bach S, Loiseau PM, Le Pape P, Marchand P.  
Eur J Med Chem. 2021 Jan 15;210:112956.

### From Synthetic Simplified Marine Metabolite Analogues to New Selective Allosteric Inhibitor of Aurora B Kinase.

Juillet C, Ermolenko L, Boyarskaya D, Baratte B, Josselin B, Nedev H, Bach S, Iorga BI, Bignon J, Ruchaud S, Al-Mourabit A.

J Med Chem. 2021 Jan 28;64(2):1197-1219. CGO remercié

[Thio-ether functionalized glycolipid amphiphilic compounds reveal a potent activator of SK3 channel with vasorelaxation effect.](#)

Sevrain CM, Fontaine D, Bauduin A, Guéguinou M, Zhang BL, Chantôme A, Mahéo K, Pasqualin C, Maupoil V, Couthon H, Vandier C, Jaffrès PA.

Org Biomol Chem. 2021 Mar 28;19(12):2753-2766. **CGO remercié**

[Streptomyces hygroscopicus UFPEDA 3370: a valuable source of the potent cytotoxic agent nigericin and its evaluation against human colorectal cancer cells.](#)

Rodini Garcia Princival I M, Princival JL, Dias da Silva E, de Arruda Lima S M, Carvalho Carregosa J, Wisniewski Jr A, Oliveira de Lucena C C, Halwass F, Alves Franca J A, Gomes Rebello Ferreira L F, Zaldini Hernandes M, Alcântara Saraiva K L, Alves Peixoto C, Baratte B, Robert T, Bach S, Correia Gomes D, Guedes Paiva PM, Marchand P, do Desterro Rodrigues M, Gonçalves da Silva T.

Chem. Biol. Interact. 2021, 333, 109316.

[New ibuprofen derivatives with thiazolidine-4-one scaffold with improved pharmaco-toxicological profile.](#)

Vasincu IM, Apotrosoaei M, Constantin S, Butnaru M, Vereştiuc L, Lupuşoru CE, Buron F, Routier S, Lupaşcu D, Tauşer RG, Profire L.

BMC Pharmacol Toxicol. 2021 Feb 4;22(1):10.

[Molecular Chaperones in Osteosarcoma: Diagnosis and Therapeutic Issues.](#)

Lallier M, Marchandet L, Moukengue B, Charrier C, Baud'huijn M, Verrecchia F, Ory B, Lamoureux F. Cells. 2021 Mar 30;10(4):754. Review.

[POINT technology illuminates the processing of polymerase-associated intact nascent transcripts.](#)

Sousa-Luís R, Dujardin G, Zukher I, Kimura H, Weldon C, Carmo-Fonseca M, Proudfoot NJ, Nojima T. Mol Cell. 2021 Mar 9:S1097-2765(21)00144-1.

[\[NCLX exchanger: An ambivalent role in colorectal cancer timeline\].](#)

Guéguinou M, Pathak T, Robert A, Vandier C, Trebak M, Lecomte T, Raoul W.

Med Sci (Paris). 2021 Feb;37(2):124-126. **CGO remercié**

[New Quinoxaline Derivatives as Dual Pim-1/2 Kinase Inhibitors: Design, Synthesis and Biological Evaluation.](#)

Oyallon B, Brachet-Botineau M, Logé C, Robert T, Bach S, Ibrahim S, Raoul W, Croix C, Berthelot P, Guillou J, Pinaud N, Gouilleux F, Viaud-Massuard MC, Denevault-Sabourin C.

Molecules. 2021 Feb 6;26(4):867. **CGO remercié**

[SK4 oncochannels regulate calcium entry and promote cell migration in KRAS-mutated colorectal cancer.](#)

Ibrahim S, Chaigne J, Dakik H, Fourbon Y, Corset L, Lecomte T, Raoul W, Guéguinou M.

Cell Calcium. 2021 Feb 25;96:102384. **CGO remercié**

**Réseau « Sciences Humaines et Sociales »**

[The Participatory Approach: A Specific French Organizational Model at the Department Level to Serve the Quality of Work Life of Healthcare Providers and the Quality of Care in Pediatric Oncology](#)

Lejeune J, Fouquereau E, Chênevert D, Coillot H, Chevalier S, Gillet N, Michon JM, Gandemer V, Colombat P.

Cancer Manag Res. 2021 Mar 25;13:2763-2771. doi: 10.2147/CMAR.S284439. eCollection 2021. **CGO remercié**

## Hub Oncologie 4.0

### [Genomic analysis of primary and secondary myelofibrosis redefines the prognostic impact of ASXL1 mutations: a FIM study.](#)

Luque Paz D, Riou J, Verger E, Cassinat B, Chauveau A, Ianotto JC, Dupriez B, Boyer F, Renard M, Mansier O, Murati A, Rey J, Etienne G, Mansat-De Mas V, Tavitian S, Nibourel O, Girault S, Le Bris Y, Girodon F, Ranta D, Chomel JC, Cony-Makhoul P, Sujobert P, Robles M, Ben Abdelali R, Kosmider O, Cottin L, Roy L, Sloma I, Vacheret F, Wemeau M, Mossuz P, Slama B, Cussac V, Denis G, Walter-Petrich A, Burroni B, Jézéquel N, Giraudier S, Lippert E, Socié G, Kiladjian JJ, Ugo V.

Blood Adv. 2021 Mar 9;5(5):1442-1451

### [Diagnosis and prognosis are supported by integrated assessment of next-generation sequencing in chronic myeloid malignancies. A real-life study.](#)

Vantyghem S, Peterlin P, Thépot S, Ménard A, Dubruille V, Debord C, Guillaume T, Garnier A, Le Bourgeois A, Wuilleme S, Godon C, Theisen O, Eveillard M, Delaunay J, Maisonneuve H, Morineau N, Villemagne B, Vigouroux S, Subiger F, Lestang E, Loirat M, Parcelier A, Godmer P, Mercier M, Trebouet A, Luque Paz D, Le Calloch R, Le Clech L, Bossard C, Moreau A, Ugo V, Hunault M, Moreau P, Le Gouill S, Chevallier P, Béné MC, Le Bris Y.

Haematologica. 2021 Mar 1;106(3):701-707.



## Publications inter-réseaux

### Réseau « Vectorisation, Imagerie, Radiothérapies » & « Immunothérapies »

#### [Anti-Tumor Efficacy of PD-L1 Targeted Alpha-Particle Therapy in a Human Melanoma Xenograft Model.](#)

Capitao M, Perrin J, Simon S, Gouard S, Chouin N, Bruchertseifer F, Morgenstern A, Rbah-Vidal L, Chérel M, Scotet E, Labarrière N, Guilloux Y, Gaschet J.  
Cancers (Basel). 2021 Mar 12;13(6):1256.



### Réseaux « Vectorisation, Imagerie, Radiothérapies » & « Cancers des Tissus Hormono-dépendants »

#### [Towards a reduced in silico model predicting biochemical recurrence after radiotherapy in prostate cancer.](#)

Sosa-Marrero C, de Crevoisier R, Hernandez A, Fontaine P, Rioux-Leclercq N, Mathieu R, Fautrel A, Paris F, Acosta O.

IEEE Trans Biomed Eng. 2021 Jan 18;PP.

#### [Brachytherapy boost \(BT-boost\) or stereotactic body radiation therapy boost \(SBRT-boost\) for high-risk prostate cancer \(HR-PCa\).](#)

Peyraga G, Lizee T, Khalifa J, Blais E, Mauriange-Turpin G, Supiot S, Krhili S, Tremolieres P, Graff-Cailleaud P. Cancer Radiother. 2021 Jan 18:S1278-3218(20)30365-6. Review.

#### [Perineal recurrence of prostate cancer along a brachytherapy needle track: A case report.](#)

Sidibe I, Le Blanc-Onfroy M, Delpon G, Rio E, Crepel M, Lacour M, Rigaud J, Cazin S, Supiot S.  
Cancer Radiother. 2021 Mar 21:S1278-3218(20)30325-5.



## Réseaux « Cancers des Tissus Hormono-dépendants » & « Hub Oncologie 4.0 »

[bc-GenExMiner 4.5: new mining module computes breast cancer differential gene expression analyses.](#)

Jézéquel P, Gouraud W, Ben Azzouz F, Guérin-Charbonnel C, Juin PP, Lasla H, Campone M. Database (Oxford). 2021 Feb 18;2021:baab007.

[The EPICURE study: a pilot prospective cohort study of heterogeneous and massive data integration in metastatic breast cancer patients.](#)

Colombié M, Jézéquel P, Rubeaux M, Frenel JS, Bigot F, Seegers V, Campone M. BMC Cancer. 2021 Mar 31;21(1):333.

[Random Forest of Perfect Trees: Concept, Performance, Applications, and Perspectives.](#)

Nguyen JM, Jézéquel P, Gillois P, Silva L, Ben Azzouz F, Lambert-Lacroix S, Juin P, Campone M, Gaultier A, Moreau-Gaudry A, Antonioli D. Bioinformatics. 2021 Feb 1:btab074.



## Réseaux « Vectorisation, Imagerie, Radiothérapies » & « Niches et Epigénétique des Tumeurs »

[p722 ferrocifen loaded lipid nanocapsules improve survival of murine xenografted-melanoma via a potentiation of apoptosis and an activation of CD8+ T lymphocytes.](#)

Topin-Ruiz S, Mellinger A, Lepeltier E, Bourreau C, Fouillet J, Riou J, Jaouen G, Martin L, Passirani C, Clere N. Int J Pharm. 2021 Jan 25;593:120111.

[Corrigendum to "p722 ferrocifen loaded lipid nanocapsules improve survival of murine xenografted-melanoma via a potentiation of apoptosis and an activation of CD8+ T lymphocytes" \[Int. J. Pharm. 593 \(2021\) 120111\].](#)

Topin-Ruiz S, Mellinger A, Lepeltier E, Bourreau C, Fouillet J, Riou J, Jaouen G, Martin L, Passirani C, Clere N. Int J Pharm. 2021 Feb 1;594:120189.

[Characterization of Macrophages and Osteoclasts in the Osteosarcoma Tumor Microenvironment at Diagnosis: New Perspective for Osteosarcoma Treatment?](#)

Gomez-Brouchet A, Gilhodes J, Acker NV, Brion R, Bouvier C, Assemat P, Gaspar N, Aubert S, Guinebretiere JM, Marie B, Larousserie F, Entz-Werlé N, Pinieux G, Mascard E, Gouin F, Brousset P, Tabone MD, Jimenez M, Le Deley MC, Blay JY, Brugieres L, Piperno-Neumann S, Rédini F. Cancers (Basel). 2021 Jan 23;13(3):423.



## Réseaux « Molécules Marines, Métabolisme et Cancer » & « Vectorisation, Imagerie, Radiothérapies »

[Marine Exopolysaccharide Complexed With Scandium Aimed as Theranostic Agents.](#)

Mazza M, Alliot C, Sinquin C, Collicec-Jouault S, Reiller PE, Huclier-Markai S. Molecules. 2021 Feb 20;26(4):1143.

[Antiproliferative Properties of Scandium Exopolysaccharide Complexes on Several Cancer Cell Lines.](#)

Muñoz-Garcia J, Mazza M, Alliot C, Sinquin C, Collicec-Jouault S, Heymann D, Huclier-Markai S. Mar Drugs. 2021 Mar 23;19(3):174.

