

COUDERC Bettina - Publications 2016-2020

UMR 1027 : Epidémiologie et analyses en santé publique : risques, maladies chroniques et handicaps

Equipe 4 - Trajectoires d'innovations en santé : enjeux bioéthiques et impact en santé publique

Articles dans des revues internationales ou nationales avec comité de lecture ou dans les bases de données internationales *Mise à jour juillet 2020*

2020

1. Prat M, Le Naour A, Coulson K, Lemée F, Leray H, Jacquemin G, Rahabi MC, Lemaitre L, Authier H, Ferron G, Barret JM, Martinez A, Ayyoub M, Delord JP, Gladieff L, Tabah-Fisch I, Prost JF, **Couderc B**, Coste A. Circulating CD14high CD16low intermediate blood monocytes as a biomarker of ascites immune status and ovarian cancer progression. *J Immunother Cancer*. 2020 Jun;8(1):e000472. doi: 10.1136/jitc-2019-000472.
2. Lemaitre L, DoSouto Ferreira L, Joubert MV, Avet-Loiseau H, Martinet L, Corre J, **Couderc B**. Imprinting of Mesenchymal Stromal Cell Transcriptome Persists even after Treatment in Patients with Multiple Myeloma. *Int J Mol Sci*. 2020 May 28;21(11):3854. doi: 10.3390/ijms21113854.
3. **Couderc B**. [George Lucas: prophet of transhumanism?]. *Med Sci (Paris)*. 2020 Mar;36(3):264-270. doi: 10.1051/medsci/2020021.
4. Le Naour A, Prat M, Thibault B, Mével R, Lemaitre L, Leray H, Joubert MV, Coulson K, Golzio M, Lefevre L, Mery E, Martinez A, Ferron G, Delord JP, Coste A, **Couderc B**. Tumor cells educate mesenchymal stromal cells to release chemoprotective and immunomodulatory factors. *J Mol Cell Biol*. 2020 Apr 24;12(3):202-215. doi: 10.1093/jmcb/mjz090.

2019

1. Alaeddine M, Prat M, Poinot V, Gouazé-Andersson V, Authier H, Meunier E, Lefèvre L, Alric C, Dardenne C, Bernad J, Alric L, Segui B, Balard P, Couderc F, **Couderc B**, Pipy B, Coste A. IL13-Mediated Dectin-1 and Mannose Receptor Overexpression Promotes Macrophage Antitumor Activities through Recognition of Sialylated Tumor Cells. *Cancer Immunol Res*. 2019 Feb;7(2):321-334. doi: 10.1158/2326-6066.CIR-18-0213.
2. Laplagne C, Domagala M, Le Naour A, Quemerais C, Hamel D, Fournié JJ, **Couderc B**, Bousquet C, Ferrand A, Poupot M. Latest Advances in Targeting the Tumor Microenvironment for Tumor Suppression. *Int J Mol Sci*. 2019 Sep 23;20(19):4719. doi: 10.3390/ijms20194719.

2018

1. Thibault B, Genre L, Le Naour A, Broca C, Mery E, Vuagniaux G, Delord JP, Wiedemann N, **Couderc B**. DEBIO 1143, an IAP inhibitor, reverses carboplatin resistance in ovarian cancer cells and triggers apoptotic or necroptotic cell death. *Sci Rep*. 2018 Dec 14;8(1):17862. doi: 10.1038/s41598-018-35860-z.
2. Le Naour A, Mevel R, Thibault B, Courtais E, Chantalat E, Delord JP, **Couderc B**, Guillermet-Guibert J, Martinez A. Effect of combined inhibition of p110 alpha PI3K isoform and STAT3 pathway in ovarian

cancer platinum-based resistance. *Oncotarget*. 2018 Jun 5;9(43):27220-27232. doi: 10.18632/oncotarget.25513.

2017

1. Mery E, Golzio M, Guillermet S, Lanore D, Le Naour A, Thibault B, Tilkin-Mariamé AF, Bellard E, Delord JP, Querleu D, Ferron G, **Couderc B**. Fluorescence-guided surgery for cancer patients: a proof of concept study on human xenografts in mice and spontaneous tumors in pets. *Oncotarget*. 2017 Nov 30;8(65):109559-109574. doi: 10.18632/oncotarget.22728.

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2016

1. Santin Y, Sicard P, Vigneron F, Guilbeau-Frugier C, Dutaur M, Lairez O, **Couderc B**, Manni D, Korolchuk VI, Lezoualc'h F, Parini A, Mialet-Perez J. Oxidative Stress by Monoamine Oxidase-A Impairs Transcription Factor EB Activation and Autophagosome Clearance, Leading to Cardiomyocyte Necrosis and Heart Failure. *Antioxid Redox Signal*. 2016 Jul 1;25(1):10-27. doi: 10.1089/ars.2015.6522.
2. Laurent V, Guérard A, Mazerolles C, Le Gonidec S, Toulet A, Nieto L, Zaidi F, Majed B, Garandeau D, Socrier Y, Golzio M, Cadoudal T, Chaoui K, Dray C, Monsarrat B, Schiltz O, Wang YY, **Couderc B**, Valet P, Malavaud B, Muller C. Periprostatic adipocytes act as a driving force for prostate cancer progression in obesity. *Nat Commun*. 2016 Jan 12;7:10230. doi: 10.1038/ncomms10230. article.
3. Thibault B, Clement E, Zorza G, Meignan S, Delord JP, **Couderc B**, Bailly C, Narducci F, Vandenberghe I, Kruczynski A, Guilbaud N, Ferré P, Annereau JP. F14512, a polyamine-vectorized inhibitor of topoisomerase II, exhibits a marked anti-tumor activity in ovarian cancer. *Cancer Lett*. 2016 Jan 1;370(1):10-8. doi: 10.1016/j.canlet.2015.09.006.

2015

1. Pasquier J, Abu-Kaoud N, Abdesselem H, Madani A, Hoarau-Véchet J, Thawadi HA, Vidal F, **Couderc B**, Favre G, Rafii A. SDF-1alpha concentration dependent modulation of RhoA and Rac1 modifies breast cancer and stromal cells interaction. *BMC Cancer*. 2015 Aug 1;15:569. doi: 10.1186/s12885-015-1556-7.
2. Lefèvre L, Authier H, Stein S, Majorel C, **Couderc B**, Dardenne C, Eddine MA, Meunier E, Bernad J, Valentin A, Pipy B, Schoonjans K, Coste A. LRH-1 mediates anti-inflammatory and antifungal phenotype of IL-13-activated macrophages through the PPAR γ ligand synthesis. *Nat Commun*. 2015 Apr 15;6:6801. doi: 10.1038/ncomms7801.