

## Publication

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### Our last publications (2016):

ESMO consensus guidelines for the management of patients with metastatic colorectal cancer. Van Cutsem E, Cervantes A, Adam R, Sobrero A, Van Krieken JH, Aderka D, Aranda Aguilar E, Bardelli A, Benson A, Bodoky G, Ciardiello F, D'Hoore A, Diaz-Rubio E, Douillard JY, Ducreux M, Falcone A, Grothey A, Gruenberger T, Haustermans K, Heinemann V, Hoff P, Köhne CH, Labianca R, Laurent-Puig P, Ma B, Maughan T, Muro K, Normanno N, Österlund P, Oyen WJ, Papamichael D, Pentheroudakis G, Pfeiffer P, Price TJ, Punt C, Ricke J, Roth A, Salazar R, Scheithauer W, Schmoll HJ, Tabernero J, Taïeb J, Tejpar S, Wasan H, Yoshino T, Zaanen A, Arnold D. *Ann Oncol.* 2016 Aug;27(8):1386-422.

A Study of Hypermethylated Circulating Tumor DNA as a Universal Colorectal Cancer Biomarker. Garrigou S, Perkins G, Garlan F, Normand C, Didelot A, Le Corre D, Peyvandi S, Mulot C, Niarra R, Aucouturier P, Chatellier G, Nizard P, Perez-Toralla K, Zonta E, Charpy C, Pujals A, Barau C, Bouché O, Emile JF, Pezet D, Bibeau F, Hutchison JB, Link DR, Zaanen A, Laurent-Puig P, Sobhani I, Taly V. *Clin Chem.* 2016 Aug;62(8):1129-39.

Immune and Stromal Classification of Colorectal Cancer Is Associated with Molecular Subtypes and Relevant for Precision Immunotherapy. Becht E, de Reyniès A, Giraldo NA, Pilati C, Buttard B, Lacroix L, Selves J, Sautès-Fridman C, Laurent-Puig P, Fridman WH. *Clin Cancer Res.* 2016 Aug 15;22(16):4057-66.

Fine-mapping of two differentiated thyroid carcinoma susceptibility loci at 9q22.33 and 14q13.3 detects novel candidate functional SNPs in Europeans from metropolitan France and Melanesians from New Caledonia. Tcheandjieu C, Lesueur F, Sanchez M, Baron-Dubourdieu D, Guizard AV, Mulot C, Laurent-Puig P, Schvartz C, Truong T, Guenel P. *Int J Cancer.* 2016 Aug 1;139(3):617-27.

The effect of immunosuppressive molecules on T-cell metabolic reprogramming. Fernández-Ramos AA, Poindessous V, Marchetti-Laurent C, Pallet N, **Loriot MA**. *Biochimie.* 2016 Aug;127:23-36.

Fine-mapping of two differentiated thyroid carcinoma susceptibility loci at 9q22.33 and 14q13.3 detects novel candidate functional SNPs in Europeans from metropolitan France and Melanesians from New Caledonia. Tcheandjieu C, Lesueur F, Sanchez M, Baron-Dubourdieu D, Guizard AV, **Mulot C**, Laurent-Puig P, Schvartz C, Truong T, Guenel P. *Int J Cancer.* 2016 Aug 1;139(3):617-27.

High-resolution mapping of bifurcations in nonlinear biochemical circuits. Genot AJ, Baccouche A, Sieskind R, Aubert-Kato N, Bredeche N, Bartolo JF, **Taly V**, Fujii T, Rondelez Y. *Nat Chem.* 2016 Aug;8(8):760-7. doi: 10.1038/nchem.2544. Epub 2016 Jun 20.

Urinary Angiogenin Reflects the Magnitude of Kidney Injury at the Infrahistologic Level. Tavernier Q, Mami I, Rabant M, Karras A, Laurent-Puig P, Chevet E, Thervet E, Anglicheau D, Pallet N. *J Am Soc Nephrol.* 2016 Jul 19. pii: ASN.2016020218. [Epub ahead of print]

Multiplex Detection of Rare Mutations by Picoliter Droplet Based Digital PCR: Sensitivity and Specificity Considerations. Zonta E, Garlan F, Pécuchet N, Perez-Toralla K, Caen O, Milbury C, Didelot A, Fabre E, Blons H, Laurent-Puig P, Taly V. *PLoS One*. 2016 Jul 14;11(7):e0159094.

BRAF Mutation Correlates With High-Risk Langerhans Cell Histiocytosis and Increased Resistance to First-Line Therapy. Héritier S, Emile JF, Barkaoui MA, Thomas C, Fraitag S, Boudjemaa S, Renaud F, Moreau A, Peuchmaur M, Chassagne-Clément C, Dijoud F, Rigau V, Moshous D, Lambilliotte A, Mazingue F, Kebaili K, Miron J, Jeziorski E, Plat G, Aladjidi N, Ferster A, Pacquement H, Galambrun C, Brugières L, Leverger G, Mansuy L, Paillard C, Deville A, Armari-Alla C, Lutun A, Gillibert-Yvert M, Stephan JL, Cohen-Aubart F, Haroche J, Pellier I, Millot F, Lescoeur B, Gandemer V, Bodemer C, Lacave R, Hélias-Rodzewicz Z, **Taly V**, Geissmann F, Donadieu J. *J Clin Oncol*. 2016 Jul 5. pii: JCO659508. [Epub ahead of print]

Intra-tumoral Immune Cell Densities are Associated with Lung Adenocarcinoma Gene Alterations. Mansuet-Lupo A, Alifano M, Pécuchet N, Biton J, Becht E, Goc J, Germain C, Ouakrim H, Régnard JF, Cremer I, Laurent-Puig P, Dieu-Nosjean MC, Blons H, Damotte D. *Am J Respir Crit Care Med*. 2016 Jun 14. [Epub ahead of print]

Women at a Disadvantage in Fluorouracil Treatment-Reply. Boige V, Vincent M, Laurent-Puig P. *JAMA Oncol*. 2016 Jun 1;2(6):830-1.

Low Serum Creatine Kinase Level Predicts Mortality in Patients with a Chronic Kidney Disease. Flahault A, Metzger M, Chassé JF, Haymann JP, Boffa JJ, Flamant M, Vrtovsnik F, Houillier P, Stengel B, Thervet E, Pallet N; NephroTest study group. *PLoS One*. 2016 Jun 1;11(6):e0156433. doi: 10.1371/journal.pone.0156433. eCollection 2016.

Integrating Heterogeneous Biomedical Data for Cancer Research: the CARPEM infrastructure. Rance B, Canuel V, Countouris H, Laurent-Puig P, Burgun A. *Appl Clin Inform*. 2016 May 4;7(2):260-74.

A Lack of Significant Effect of POR\*28 Allelic Variant on Tacrolimus Exposure in Kidney Transplant Recipients. Jannot AS, Vuillemin X, Etienne I, Buchler M, Hurault de Ligny B, Choukroun G, Colosio C, Thierry A, Vigneau C, Moulin B, Rerolle JP, Heng AE, Subra JF, Legendre C, Beaune P, Lorient MA, Thervet E, Pallet N. *Ther Drug Monit*. 2016 Apr;38(2):223-9.

Ultrastructural localization and distribution of Nardilysin in mammalian male germ cells. Segretain D, Gilleron J, Bacro JN, Di Marco M, Carette D, Pointis G. *Basic Clin Androl*. 2016 Apr 5;26:5.

Long-term clinical impact of adaptation of initial tacrolimus dosing to CYP3A5 genotype. Pallet N, Etienne I, Buchler M, Hurault de Ligny B, Choukroun G, Colosio C, Thierry A, Vigneau C, Moulin B, Le Meur Y, Heng AE, Legendre C, Beaune P, Lorient MA, Thervet E. *Am J Transplant*. 2016 Mar 17. doi: 10.1111/ajt.13788. [Epub ahead of print]

Integrative Analyses of Colorectal Cancer Show Immunoscore Is a Stronger Predictor of Patient Survival Than Microsatellite Instability. Mlecnik B, Bindea G, Angell HK, Maby P, Angelova M, Tougeron D, Church SE, Lafontaine L, Fischer M, Fredriksen T, Sasso M, Bilocq AM, Kirilovsky A, Obenauf AC, Hamieh M, Berger A, Bruneval P, Tuech JJ, Sabourin JC, Le Pessot F, Mauillon J, Rafii A, Laurent-Puig P, Speicher MR, Trajanoski Z, Michel P, Sesboué R, Frebourg T, Pagès F, Valge-Archer V, Latouche JB, Galon J. *Immunity*. 2016 Mar 15;44(3):698-711.

Three Rounds of External Quality Assessment in France to Evaluate the Performance of 28 Platforms for Multiparametric Molecular Testing in Metastatic Colorectal and Non-Small Cell Lung Cancer. Dequeker EM, Keppens C, Egele C, Delen S, Lamy A, Lemoine A, Sabourin JC, Andrieu C, Ligtenberg M, Fetique D, Tops B, Descarpentries C, Blons H, Denoux Y, Aube C, Penault-Llorca F, Hofman P, Leroy K, Le Marechal C, Doucet L, Duranton-Tanneur V, Pedetour F, Soubeyran I, Côté JF, Emile JF, Vignaud JM, Monhoven N, Haddad V, Laurent-Puig P, van Krieken H, Nowak F, Lonchamp E, Bellocq JP, Rouleau E. *J Mol Diagn*. 2016 Mar;18(2):205-14.

Methylator phenotype in colorectal cancer: A prognostic factor or not? Gallois C, Laurent-Puig P, Taieb J. Crit Rev Oncol Hematol. 2016 Mar;99:74-80. Review.

Knocking Down TMPRSS2-ERG Fusion Oncogene by siRNA Could be an Alternative Treatment to Flutamide. Urbinati G, **de Waziers I**, Slamiç M, Foussignière T, Ali HM, Desmaële D, Couvreur P, Massaad-Massade L. Mol Ther Nucleic Acids. 2016 Mar 29;5:e301.

Immune Contexture, Immunoscore, and Malignant Cell Molecular Subgroups for Prognostic and Theranostic Classifications of Cancers. Becht E, Giraldo NA, Germain C, de Reyniès A, Laurent-Puig P, Zucman-Rossi J, Dieu-Nosjean MC, Sautès-Fridman C, Fridman WH. Adv Immunol. 2016;130:95-190. doi: 10.1016/bs.ai.2015.12.002. Epub 2016 Jan 29.

A Novel Extrinsic Pathway for the Unfolded Protein Response in the Kidney. Mami I, Tavernier Q, Bouvier N, Aboukamis R, Desbuissons G, Rabant M, Poindessous V, Laurent-Puig P, Beaune P, Tharaux PL, Thervet E, Chevet E, Anglicheau D, Pallet N. J Am Soc Nephrol. 2016 Jan 28. pii: ASN.2015060703. [Epub ahead of print]

[Lung cancer molecular testing, what role for Next Generation Sequencing and circulating tumor DNA]. Pécuchet N, Legras A, Laurent-Puig P, Blons H. Ann Pathol. 2016 Jan;36(1):80-93. doi: 10.1016/j.annpat.2015.11.012. Epub 2016 Jan 20. French.

DPYD Genotyping to Predict Adverse Events Following Treatment With Fluorouracil-Based Adjuvant Chemotherapy in Patients With Stage III Colon Cancer: A Secondary Analysis of the PETACC-8 Randomized Clinical Trial. Boige V, Vincent M, Alexandre P, Tejpar S, Landolfi S, Le Malicot K, Greil R, Cuyle PJ, Yilmaz M, Faroux R, Matzdorff A, Salazar R, Lepage C, Taieb J, **Laurent-Puig P**. JAMA Oncol. 2016 Jan 21.

[What future for circulating tumor DNA? Current data and prospects in colorectal, non-small cell lung and pancreatic cancers]. Pietrasz D, Pécuchet N, Fabre E, Blons H, Chevalier L, Taly V, Laurent-Puig P, Bachet JB. Bull Cancer. 2016 Jan;103(1):55-65.

Prognostic Effect of BRAF and KRAS Mutations in Patients With Stage III Colon Cancer Treated With Leucovorin, Fluorouracil, and Oxaliplatin With or Without Cetuximab: A Post Hoc Analysis of the PETACC-8 Trial. Taieb J, Zaanani A, Le Malicot K, Julié C, Blons H, Mineur L, Bennouna J, Tabernero J, Mini E, Folprecht G, Van Laethem JL, Lepage C, Emile JF, **Laurent-Puig P**. JAMA Oncol. 2016 Jan 14:1-11.

Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Klionsky DJ, Abdelmohsen K, Abe A, et al. Autophagy. 2016;12(1):1-222. No abstract available. Erratum in: Autophagy. 2016;12(2):443. Selliez, Iban [corrected to Seilliez, Iban].

