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Key publications

Year of publication 2020

Eléonore Toufektchan, Vincent Lejour, Romane Durand, Neelam Giri, Irena Draskovic, Boris Bardot, Pierre Laplante, Sara Jaber, Blanche P Alter, José-Arturo Londoño-Vallejo, Sharon A Savage, Franck Toledo (2020 Apr 18)

Germline mutation of MDM4, a major p53 regulator, in a familial syndrome of defective telomere maintenance.

Science advances : eaay3511 : [DOI : 10.1126/sciadv.aay3511](https://doi.org/10.1126/sciadv.aay3511)

Year of publication 2019

(2019 Nov 15)

Reference-free transcriptome exploration reveals novel RNAs for prostate cancer diagnosis.

Life Sci Alliance : [DOI : 10.26508/lsa.201900449](https://doi.org/10.26508/lsa.201900449)

Emilia Puig Lombardi, Allyson Holmes, Daniela Verga, Marie-Paule Teulade-Fichou, Alain Nicolas, Arturo Londoño-Vallejo (2019 Jul 9)

Thermodynamically stable and genetically unstable G-quadruplexes are depleted in genomes across species.

Nucleic acids research : 47 : 6098-6113 : [DOI : 10.1093/nar/gkz463](https://doi.org/10.1093/nar/gkz463)

(2019 May 1)

Long non-coding RNAs: towards urinary diagnosis for prostate cancer

Bulletin de l'Académie Nationale de Médecine : [DOI : https://doi.org/10.1016/j.banm.2018.03.001](https://doi.org/10.1016/j.banm.2018.03.001)

Pinskaya M., Saci Z., Gallopin M., Nguyen N.H., Gabriel M., Firlej V., Describes M., de la Taille A.,

Londoño-Vallejo A., Allory Y., Gautheret D., Morillon A. (2019 Jan 1)

Blind exploration of the unreferenced transcriptome reveals novel RNAs for prostate cancer diagnosis

bioRxiv : [DOI : 10.1101/644104](https://doi.org/10.1101/644104)

Year of publication 2018

Porreca RM, Glousker G, Awad A, Matilla Fernandez MI, Gibaud A, Naucke C, Cohen SB, Bryan TM, Tzfati Y, Draskovic I, Londoño-Vallejo A (2018 Mar 7)

Human RTEL1 stabilizes long G-overhangs allowing telomerase-dependent over-extension

Nucleic Acids Research : [DOI : 10.1093/nar/gky173](https://doi.org/10.1093/nar/gky173)

Year of publication 2014

Stéphane Terry, Ihsan Y El-Sayed, Damien Destouches, Pascale Maillé, Nathalie Nicolaiew, Guillaume Ploussard, Fannie Semprez, Cynthia Pimpie, Himisha Beltran, Arturo Londoño-Vallejo, Yves Allory, Alexandre de la Taille, David S Salomon, Francis Vacherot (2014 Aug 15)

CRIPTO overexpression promotes mesenchymal differentiation in prostate carcinoma cells through parallel regulation of AKT and FGFR activities.

Oncotarget : 11994-2008

Maya Jeitany, Jose Ramon Pineda, Qingyuan Liu, Rosa Maria Porreca, Françoise Hoffschir, Chantal Desmaze, David C Silvestre, Patrick Mailliet, Marie-Pierre Junier, Arturo Londoño-Vallejo, Evelyne Ségal-Bendirdjian, Hervé Chneiweiss, François D Boussin (2014 Apr 30)

A preclinical mouse model of glioma with an alternative mechanism of telomere maintenance (ALT).

International journal of cancer : 1546-58 : [DOI : 10.1002/ijc.29171](https://doi.org/10.1002/ijc.29171)

Harikleia Episkopou, Irena Draskovic, Amandine Van Beneden, Gaëlle Tilman, Marina Mattiussi, Matthieu Gobin, Nausica Arnoult, Arturo Londoño-Vallejo, Anabelle Decottignies (2014 Feb 5)

Alternative Lengthening of Telomeres is characterized by reduced compaction of telomeric chromatin.

Nucleic acids research : 4391-405 : [DOI : 10.1093/nar/gku114](https://doi.org/10.1093/nar/gku114)