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## Key publications

### Year of publication 2019

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Oksana Reznichenko, Alicia Quillévéré, Rodrigo Prado Martins, Nadège Loaëc, Hang Kang, María José Lista, Claire Beauvineau, Jorge González-García, Régis Guillot, Cécile Voisset, Chrysoula Daskalogianni, Robin Fåhraeus, Marie-Paule Teulade-Fichou, Marc Blondel, Anton Granzhan (2019 May 23)

**Novel cationic bis(acylhydrazones) as modulators of Epstein-Barr virus immune evasion acting through disruption of interaction between nucleolin and G-quadruplexes of EBNA1 mRNA**

*European Journal of Medicinal Chemistry* : 178 : 13-29 : [DOI : 10.1016/j.ejmech.2019.05.042](https://doi.org/10.1016/j.ejmech.2019.05.042)

El Hassen Mokrani, Abderrahmane Bensegueni, Ludovic Chaput, Claire Beauvineau, Hanane Djeghim, Liliane Mouawad (2019 May 1)

**Identification of New Potent Acetylcholinesterase Inhibitors Using Virtual Screening and *In Vitro* Approaches.**

*Molecular informatics* : 38 : 1800118 : [DOI : 10.1002/minf.201800118](https://doi.org/10.1002/minf.201800118)

Delphine Naud-Martin, Corinne Landras-Guetta, Daniela Verga, Deepanjan Ghosh, Sylvain Achelle, Florence Mahuteau-Betzer, Sophie Bombard, Marie-Paule Teulade-Fichou (2019 Jan 26)

**Selectivity of Terpyridine Platinum Anticancer Drugs for G-quadruplex DNA.**

*Molecules (Basel, Switzerland)* : 24 : 404 : [DOI : 10.3390/molecules24030404](https://doi.org/10.3390/molecules24030404)

**Year of publication 2017**

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Pauline Gilson, Fernando Josa-Prado, Claire Beauvineau, Delphine Naud-Martin, Laetitia Vanwongerghem, Florence Mahuteau-Betzer, Alexis Moreno, Pierre Falson, Laurence Lafanechère, Véronique Frachet, Jean-Luc Coll, Jose Fernando Díaz, Amandine Hurbin, Benoit Busser (2017 Sep 2)

**Identification of pyrrolopyrimidine derivative PP-13 as a novel microtubule-destabilizing agent with promising anticancer properties.**

*Scientific reports* : 7 : 10209 : [DOI : 10.1038/s41598-017-09491-9](https://doi.org/10.1038/s41598-017-09491-9)

Buchieri Maria V., Cimino Mena , Rebollo-Ramirez Sonia, Beauvineau Claire, Cascioferro Alessandro, Favre-Rochex Sandrine, Helynck Olivier, Naud-Martin Delphine, Larrouy-Maumus Gerald, Munier-Lehmann Hélène, Gicquel Brigitte (2017 Aug 28)

**Nitazoxanide Analogs Require Nitroreduction for Antimicrobial Activity in *Mycobacterium smegmatis***

*Journal of Medicinal Chemistry* : 60 : 7425-7433 : [DOI : 10.1021/acs.jmedchem.7b00726](https://doi.org/10.1021/acs.jmedchem.7b00726)

Claire Beauvineau, Corinne Guetta, Marie-Paule Teulade-Fichou, Florence Mahuteau-Betzer (2017 Aug 14)

**PhenDV, a turn-off fluorescent quadruplex DNA probe for improving the sensitivity of drug screening assays**

*Organic & Biomolecular Chemistry* : 15 : 7117-7121 : [DOI : 10.1039/c7ob01705g](https://doi.org/10.1039/c7ob01705g)

María José Lista, Rodrigo Prado Martins, Olivier Billant, Marie-Astrid Contesse, Sarah Findakly, Pierre Pochard, Chrysoula Daskalogianni, Claire Beauvineau, Corinne Guetta, Christophe Jamin, Marie-Paule Teulade-Fichou, Robin Fåhræus, Cécile Voisset, Marc Blondel (2017 Jul 8)

**Nucleolin directly mediates Epstein-Barr virus immune evasion through binding to G-quadruplexes of EBNA1 mRNA.**

*Nature communications* : 8 : 16043 : [DOI : 10.1038/ncomms16043](https://doi.org/10.1038/ncomms16043)

Gilles Galvani, K Harsha Vardhan Reddy, Claire Beauvineau, NourEddine Ghermani, Florence Mahuteau-Betzer, Mouad Alami, Samir Messaoudi (2017 Feb 17)

**Conversion of 3-Bromo-2H-coumarins to 3-(Benzofuran-2-yl)-2H-coumarins under Palladium Catalysis: Synthesis and Photophysical Properties Study.**

*Organic letters* : 19 : 910-913 : [DOI : 10.1021/acs.orglett.7b00069](https://doi.org/10.1021/acs.orglett.7b00069)

Kalhor-Monfared Shiva, Ben Othman Raja, Beauvineau Claire, Girard Christian (2017 Jan 1)

**Catalyst-free Straightforward Synthesis of Propargylic Ethers from their Carbonates and Alcohols under Microwaves Irradiation**

*Current Microwave Chemistry* : 4 : 102-106 : [DOI : 10.2174/2213335603666160220010904](https://doi.org/10.2174/2213335603666160220010904)



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