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Publications clés

Année de publication : 2019

Roberta Ragazzini, Raquel Pérez-Palacios, Irem H Baymaz, Seynabou Diop, Katia Ancelin, Dina Zielinski, Audrey Michaud, Maëlle Givelet, Mate Borsos, Setareh Aflaki, Patricia Legoix, Pascal W T C Jansen, Nicolas Servant, Maria-Elena Torres-Padilla, Deborah Bourc'his, Pierre Fouchet, Michiel Vermeulen, Raphaël Margueron (2019 Aug 26)

EZH1P constrains Polycomb Repressive Complex 2 activity in germ cells.

Nature communications : 10 : 1-18 : [DOI : 10.1038/s41467-019-11800-x](https://doi.org/10.1038/s41467-019-11800-x)

CAMPAGNE Antoine, LEE Ming-Kang, ZIELINSKI Dina, MICHAUD Audrey, LE CORRE Stéphanie, DINGLI Florent, CHEN Hong, SHAHIDIAN Lara Z, SERVANT Nicolas, LOEW Damarys, PASMANT Eric, PISTEL-VINAY Sophie, WASSEF Michel, MARGUERON Raphaël (2019 Jan 21)

BAP1 complex promotes transcription by opposing PRC1-mediated H2A ubiquitylation

Nature Communications : 10 : 1-15 : [DOI : 10.1038/s41467-018-08255-x](https://doi.org/10.1038/s41467-018-08255-x)

Année de publication : 2018

De Muyt A, Pyatnitskaya A, Andréani J, Ranjha L, Ramus C, Laureau R, Fernandez-Vega A, Holoch D, Girard E, Govin J, Margueron R, Couté Y, Cejka P, Guérois R, Borde V. (2018 Feb 1)

A meiotic XPF-ERCC1-like complex recognizes joint molecule recombination intermediates to promote crossover formation

Genes & Development : [DOI : 10.1101/gad.308510.117](https://doi.org/10.1101/gad.308510.117)

Année de publication : 2017

Manuela Portoso, Roberta Ragazzini, Živa Brenčič, Arianna Moiani, Audrey Michaud, Ivaylo Vassilev, Michel Wassef, Nicolas Servant, Bruno Sargueil, Raphaël Margueron (2017 Feb 8)

PRC2 is dispensable for HOTAIR-mediated transcriptional repression.

The EMBO journal : [DOI : e201695335](https://doi.org/10.1038/e201695335)

Année de publication : 2016

Marie Schoumacher, Stéphanie Le Corre, Alexandre Houy, Eskeatnaf Mulugeta, Marc-Henri Stern, Sergio Roman-Roman, Raphaël Margueron (2016 Jun 9)

Uveal melanoma cells are resistant to EZH2 inhibition regardless of BAP1 status.

Nature medicine : 577-8 : [DOI : 10.1038/nm.4098](https://doi.org/10.1038/nm.4098)

Année de publication : 2015

Serena Sanulli, Neil Justin, Aurélie Teissandier, Katia Ancelin, Manuela Portoso, Matthieu Caron, Audrey Michaud, Berangère Lombard, Simao T da Rocha, John Offer, Damarys Loew, Nicolas Servant, Michel Wassef, Fabienne Burlina, Steve J Gamblin, Edith Heard, Raphaël Margueron (2015 Mar 5)

Jarid2 Methylation via the PRC2 Complex Regulates H3K27me3 Deposition during Cell Differentiation.

Molecular cell : 769-83 : [DOI : 10.1016/j.molcel.2014.12.020](https://doi.org/10.1016/j.molcel.2014.12.020)