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## Publications clés

Année de publication : 2020

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Sebastian Müller, Fabien Sindikubwabo , Tatiana Cañeque, Anne Lafon, Antoine Versini, Bérangère Lombard, Damarys Loew, Ting-Di Wu, Christophe Ginestier, Emmanuelle Charafe-Jauffret, Adeline Durand, Céline Vallot, Sylvain Baulande, Nicolas Servant, Raphaël Rodriguez (2020 Oct 1)

**CD44 regulates epigenetic plasticity by mediating iron endocytosis**

*Nature Chemistry* : 12 : 929-938 : [DOI : 10.1038/s41557-020-0513-5](https://doi.org/10.1038/s41557-020-0513-5)

Rafael Galupa, Elphège Pierre Nora, Rebecca Worsley-Hunt, Christel Picard, Chris Gard, Joke Gerardavan Bemmell, Nicolas Servant, Yinxiu Zhan, Fatima El Marjou, Colin Johanneau, Patricia Diabanguaya, Agnès Le Saux, Sonia Lameiras, Juliana Pipoli da Fonseca, Friedemann Loos, Joost Gribnau, Sylvain Baulande, Uwe Ohler, Luca Giorgetti, Edith Heard (2020 Jan 16)

**A Conserved Noncoding Locus Regulates Random Monoallelic Xist Expression across a Topological Boundary**

*Molecular Cell* : 77 n°2 : 352-367.e8 : [DOI : 10.1016/j.molcel.2019.10.030](https://doi.org/10.1016/j.molcel.2019.10.030)

Année de publication : 2019

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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 : 2017

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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/embo.201695335)

Maud Borensztein, Laurène Syx, Katia Ancelin, Patricia Diabangouaya, Christel Picard, Tao Liu, Jun-Bin Liang, Ivaylo Vassilev, Rafael Galupa, Nicolas Servant, Emmanuel Barillot, Azim Surani, Chong-Jian Chen, Edith Heard (2017 Jan 31)

### **Xist-dependent imprinted X inactivation and the early developmental consequences of its failure.**

*Nature structural & molecular biology* : [DOI : 10.1038/nsmb.3365](https://doi.org/10.1038/nsmb.3365)

Année de publication : 2013

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Dillies M.A., Rau A., Aubert J., Hennequet-Antier C., Jeanmougin M., Servant N., Keime C., Marot G., Castel D., Estelle J., Guernec G., Jagla B., Jouneau L., Laloë D., Le Gall C., Schaëffer B., Le Crom S., Guedj M., Jaffrézic F., Consortium F.S. (2013 Jan 1)

### **A comprehensive evaluation of normalization methods for Illumina high-throughput RNA sequencing data analysis.**

*Briefings in bioinformatics* : 14 : 671-683 : [DOI : 10.1093/bib/bbs046](https://doi.org/10.1093/bib/bbs046)