



Antoine Coulon CNRS Scientist

TEAM COULON

Team Leader

antoine.coulon@curie.fr Tel: +33 (0)1 56 24 62 17



## Key publications

### Year of publication 2016

---

A Coulon, D R Larson (2016 Jun 1)

**Fluctuation Analysis: Dissecting Transcriptional Kinetics with Signal Theory.**

*Methods in enzymology* : 159-91 : [DOI : 10.1016/bs.mie.2016.03.017](https://doi.org/10.1016/bs.mie.2016.03.017)

### Year of publication 2015

---

Tineke L Lenstra, Antoine Coulon, Carson C Chow, Daniel R Larson (2015 Nov 10)

**Single-Molecule Imaging Reveals a Switch between Spurious and Functional ncRNA Transcription.**

*Molecular cell* : 597-610 : [DOI : 10.1016/j.molcel.2015.09.028](https://doi.org/10.1016/j.molcel.2015.09.028)

Diana A Stavreva, Antoine Coulon, Songjoon Baek, Myong-Hee Sung, Sam John, Lenka Stixova, Martina Tesikova, Ofir Hakim, Tina Miranda, Mary Hawkins, John A Stamatoyannopoulos, Carson C Chow, Gordon L Hager (2015 Feb 14)

**Dynamics of chromatin accessibility and long-range interactions in response to glucocorticoid pulsing.**

*Genome research* : 845-57 : [DOI : 10.1101/gr.184168.114](https://doi.org/10.1101/gr.184168.114)

### Year of publication 2014

---

Antoine Coulon, Matthew L Ferguson, Valeria de Turris, Murali Palangat, Carson C Chow, Daniel R Larson (2014 Oct 2)



## Team Members

### Genome Functions in Space and Time

#### **Kinetic competition during the transcription cycle results in stochastic RNA processing.**

*eLife* : [DOI : 10.7554/eLife.03939](https://doi.org/10.7554/eLife.03939)

#### **Year of publication 2013**

---

Antoine Coulon, Carson C Chow, Robert H Singer, Daniel R Larson (2013 Jul 10)

#### **Eukaryotic transcriptional dynamics: from single molecules to cell populations.**

*Nature reviews. Genetics* : 572-84 : [DOI : 10.1038/nrg3484](https://doi.org/10.1038/nrg3484)