



Nathalie Dostatni Chef d'équipe, Professeur

**EQUIPE DOSTATNI**

*Directeur adjoint d'unité*

*Chef d'équipe*

Tél : +33 1 56 24 66 90

- Group leader at the Curie Institute since 2001.
- Professor at Sorbonne University since 2012.
- Director of Research at INSERM (2000-2012).
- Professor in Charge of teaching at the Ecole Polytechnique (2001-2013).
- Junior group leader (ATIPE) at the IBDM, Marseilles (1996-2001).
- HDR of the University of the Mediterranean, Marseilles, October 1999.
- Post-doctorant in Claude Desplan's Lab, Rockefeller University, NY (1991-1996).
- Doctorant of the University Paris VII, Moshe Yaniv's lab, Pasteur Institute, Paris (1985-1991).
- Recruited CR2 at INSERM (1990).
- X82 Ingenieur of the Ecole Polytechnique (1985).

## Publications clés

### Année de publication : 2018

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Tanguy Lucas, Huy Tran, Carmina Angelica Perez Romero, Aurélien Guillou, Cécile Fradin, Mathieu Coppey, Aleksandra M Walczak, Nathalie Dostatni (2018 Oct 27)

**3 minutes to precisely measure morphogen concentration.**

*PLoS genetics* : e1007676 : [DOI : 10.1371/journal.pgen.1007676](https://doi.org/10.1371/journal.pgen.1007676)

Huy Tran, Jonathan Desponds, Carmina Angelica Perez Romero, Mathieu Coppey, Cecile Fradin, Nathalie Dostatni, Aleksandra M Walczak (2018 Oct 12)

**Precision in a rush: Trade-offs between reproducibility and steepness of the hunchback expression pattern.**

*PLoS computational biology* : e1006513 : [DOI : 10.1371/journal.pcbi.1006513](https://doi.org/10.1371/journal.pcbi.1006513)

Marie Clémot, Anahi Molla-Herman, Juliette Mathieu, Jean-René Huynh, Nathalie Dostatni (2018 Aug 11)

**The replicative histone chaperone CAF1 is essential for the maintenance of identity and genome integrity in adult stem cells.**

*Development (Cambridge, England)* : [DOI : dev161190](https://doi.org/10.1093/dev/161190)

Année de publication : 2013

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Tanguy Lucas, Teresa Ferraro, Baptiste Roelens, Jose De Las Heras Chanes, Aleksandra M Walczak, Mathieu Coppey, Nathalie Dostatni (2013 Jul 26)

**Live imaging of bicoid-dependent transcription in *Drosophila* embryos.**

*Current biology : CB* : 2135-9 : [DOI : 10.1016/j.cub.2013.08.053](https://doi.org/10.1016/j.cub.2013.08.053)

Année de publication : 2010

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Aude Porcher, Asmahan Abu-Arish, Sébastien Huart, Baptiste Roelens, Cécile Fradin, Nathalie Dostatni (2010 Jul 29)

**The time to measure positional information: maternal hunchback is required for the synchrony of the Bicoid transcriptional response at the onset of zygotic transcription.**

*Development (Cambridge, England)* : 2795-804 : [DOI : 10.1242/dev.051300](https://doi.org/10.1242/dev.051300)

Aude Porcher, Nathalie Dostatni (2010 Mar 12)

**The bicoid morphogen system.**

*Current biology : CB* : R249-54 : [DOI : 10.1016/j.cub.2010.01.026](https://doi.org/10.1016/j.cub.2010.01.026)

Asmahan Abu-Arish, Aude Porcher, Anna Czerwonka, Nathalie Dostatni, Cécile Fradin (2010 Mar 2)

**High mobility of bicoid captured by fluorescence correlation spectroscopy: implication for the rapid establishment of its gradient.**

*Biophysical journal* : L33-5 : [DOI : 10.1016/j.bpj.2010.05.031](https://doi.org/10.1016/j.bpj.2010.05.031)