Damien Goutte-Gattat

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Education

Dec 2011 Ph.D. in **Cellular and Molecular Biology**, University of Grenoble, France.
Investigating mitotic functions of CENP-A N-tail.
Publicly defended on december 16th, 2011.

Jun 2007 Master of Science in **Cellular and Molecular Biology**, Joseph Fourier University, Grenoble, France.

Jun 2005 Bachelor of Science in **Biology**, Joseph Fourier University, Grenoble, France.

Research Experience

Oct 2017– Postdoctoral fellow in Barts Cancer Institute, Queen Mary University of London, UK.
Investigating tumour heterogeneity of glioblastomas in D. melanogaster.

2013–2017 Postdoctoral fellow in Institut Européen de Chimie et Biologie, Bordeaux, France.
Investigating segregation of damaged chromosomes in D. melanogaster.

2012–2013 Researcher in Institut Albert Bonniot, Inserm U823, Grenoble, France.

2007–2011 Graduate student in Institut Albert Bonniot, Inserm U823, Grenoble, France.
Investigating functions of CENP-A N-tail domain in mitosis.

Jan–Jun 2007 Internship in Institut Albert Bonniot, Inserm U823, Grenoble, France.
Mitotic functions of centromeric H3 variant CENP-A.

Apr–Jul 2006 Internship in Institut Albert Bonniot, Inserm U309, Grenoble, France.
Expression and localization of centromeric H3 variant Cenpa.

Jun–Jul 2005 Internship in Institut Albert Bonniot, Inserm U309, Grenoble, France.

Teaching Experience

2018– Queen Mary University of London, Bachelor of Medicine and Surgery.
Facilitator for Problem-Based Learning tutorials in neurobiology, biochemistry and developmental biology.
Lecture on model organisms in cancer research.

2016 University of Bordeaux, MSc of Life Sciences.
Lecture on DNA damage, repair, and the cell cycle.

2010–2011 Joseph Fourier University, MSc of Life Sciences.
Tutorials and lectures of developmental biology.

2007–2010 Joseph Fourier University, BSc of Life Sciences.
Tutorials of biochemistry, cell and developmental biology.

Scientific Communications

Publications

orcid.org/0000-0002-6095-8718

- Cédric Landmann, Priscillia Pierre-Eliès, **Damien Goutte-Gattat**, Émilie Montembault, Marie-Charlotte Claverie, and Anne Royou (2020). The Mre11-Rad50-Nbs1 complex mediates the robust recruitment of Polo to DNA lesions during mitosis. *J. Cell Sci.*, doi:10.1242/jcs.244442.

- Cecilia H. Fernàndez-Espartero, Alberto Rizzo, Alexander D. Fulford, Julia Falo-Sanjuan, **Damien Goutte-Gattat**, and Paulo S. Ribeiro (2018). Prp8 regulates oncogene-induced hyperplastic growth in *Drosophila*. *Development*, **145**(22):dev162156.
- Jérôme Toutain, **Damien Goutte-Gattat**, Jacques Horovitz, and Robert Saura (2018). Confined placental mosaicism revisited: Impact on pregnancy characteristics and outcome. *PloS ONE*, **13**(4):e0195905.
- Nicolas Derive, Cédric Landmann, Émilie Montembault, Marie-Charlotte Claverie, Priscillia Pierre-Eliès, **Damien Goutte-Gattat**, Nabila Founounou, Derek McCusker, and Anne Royou (2015). Bub3/BubR1-dependent sequestration of *Cdc20*^{Fizzy} at DNA breaks facilitates the correct segregation of broken chromosomes. *J. Cell Biol.*, **211**(3):512–532.
- **Damien Goutte-Gattat**, Muhammad Shuaib, Khalid Ouararhni, Thierry Gautier, Dimitrios Skoufias, Ali Hamiche, and Stefan Dimitrov (2013). Phosphorylation of the CENP-A amino-terminus in centromeric chromatin is required for kinetochore function. *Proc. Natl. Acad. Sci. USA*, **110**(21):8579–8584.
- Dogus Altintas, Manu Shukla, **Damien Goutte-Gattat**, Dimitar Angelov, Jean-Pierre Rouault, Stefan Dimitrov, and Jacques Samarut (2012). Direct cooperation between androgen receptor and E2F1 reveals a common regulation mechanism for androgen-responsive genes in prostate cells. *Mol. Endocrinol.*, **26**(9):1531–1541.
- Sam Meyer, Nils B. Becker, Sajad H. Syed, **Damien Goutte-Gattat**, Manu S. Shukla, Jeffrey J. Hayes, Dimitar Angelov, Jan Bednar, Stefan Dimitrov, and Ralf Everaers (2011). From crystal and NMR structures, footprints and cryo-electron-micrographs to large and soft structures: nanoscale modeling of the nucleosomal stem. *Nucleic Acids Res.*, **39**(31):9139–9154.
- Manu S. Shukla, Sajad H. Syed, **Damien Goutte-Gattat**, John L. C. Richard, Fabien Montel, Ali Hamiche, Andrew Travers, Cendrine Faivre-Moskalenko, Jan Bednar, Jeffrey J. Hayes, Dimitar Angelov, and Stefan Dimitrov (2011). The docking domain of histone H2A is required for H1 binding and RSC-mediated nucleosome remodeling. *Nucleic Acids Res.*, **39**(7):2559–2570.
- Sajad H. Syed, **Damien Goutte-Gattat**, Nils Becker, Sam Meyer, Manu S. Shukla, Jeffrey J. Hayes, Ralf Everaers, Dimitar Angelov, Jan Bednar, and Stefan Dimitrov (2010). Single base resolution of H1-nucleosome interactions and 3D organization of the nucleosome. *Proc. Natl. Acad. Sci. USA*, **107**(21):9620–9625.

Manuscripts

- **Damien Goutte-Gattat**, Priscillia Pierre-Eliès, Jérôme Toutain, and Anne Royou (2020). The PLK1 kinase mediates DNA damage signaling in mitosis. *In preparation.*

Seminars & Posters

Oct 2019	Poster presentation at the William Harvey Day, London, UK.
Jun 2015	Poster presentation at the FASEB "Mitosis: Spindle Assembly and Function" Meeting, Big Sky, Montana.
Dec 2014	Poster presentation at the TransBioMed Scientific Day, Pessac, France.
Jan 2013	Guest speaker at Institut Européen de Chimie et Biologie, Bordeaux, France.
Dec 2012	Guest speaker at Bilkent University, Ankara, Turkey.
Sep 2011	Poster presentation at EMBO Meeting 2011, Vienna, Austria.
Jun 2009	Speaker at Doctoral School of Chemistry and Life Sciences, Grenoble, France.

Extra-scientific Activities

2008–2009	Member of the organizing committee of the Institut Albert Bonniot annual seminar 2008: *Virus vs. Cell: Molecular Confrontations and Consequences*; 2009: *Developmental Origins of Adult Diseases: does foetal environment impact future health? From Epidemiology to Epigenetics.*
2008–2009	Member of the editorial board of *Visions croisées*, popular science magazine of Joseph Fourier University.
2018–	Post-doctoral fellow representative of the Health & Safety Board of the Barts Cancer Institute.

Other skills

Languages

French	Native speaker.
English	Fluent (CEFR level C1).

Computer skills

Administration	GNU/Linux desktop and server systems.
Programming	Proficient in C, Python, Java.
Typesetting	Proficient in LaTeX.

References

- Dr. Stefan Dimitrov <stefan.dimitrov@univ-grenoble-alpes.fr>
  Institute for Advanced Biosciences, Grenoble, France
- Dr. Anne Royou <a.royou@iecb.u-bordeaux.fr>
  Institut Européen de Chimie et Biologie, Bordeaux, France
- Dr. Paulo Ribeiro <p.baptista-ribeiro@qmul.ac.uk>
  Barts Cancer Institute, Queen Mary University of London, United Kingdom