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2003 : aggregation of Physics

2004-2007 : Ph.D. in biophysics: DNA protein interactions at the single molecule level with fluorescence microscopy - LKB, Ecole Normale Supérieure, Department of Physics, Paris

2007-2008 : post-doctoral training at MSC, Université Paris Diderot and INRA Versailles

2008-2012 : FRM post doctoral fellow at Institut Curie, Genetics and Developmental Biology Unit

since 2012 : lecturer in Physics at Université Pierre et Marie Curie - Institut Curie, Physical-Chemistry unit

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Publications clés

Année de publication : 2020

Floriane Pelon, Brigitte Bourachot, Yann Kieffer, Ilaria Magagna, Fanny Mermet-Meillon, Ana Costa, Anne-Marie Givel, Youmna Attieh, Jorge Barbazan, Laetitia Fuhrmann, Stéphanie Descroix, Danijela Vignjevic, Pascal Silberzan, Isabelle Bonnet, Claire Bonneau, Maria Carla Parrini, Anne Vincent-Salomon & Fatima Mechta-Grigoriou (2020 Jan 21)

Cancer-associated fibroblast heterogeneity in axillary lymph nodes drives metastases in breast cancer through complementary mechanisms

Nature Communication : 11 : 1-20 : [DOI : 10.1038/s41467-019-14134-w](https://doi.org/10.1038/s41467-019-14134-w)

Année de publication : 2015

Nicolas Christophorou, Thomas Rubin, Isabelle Bonnet, Tristan Piolot, Marion Arnaud, Jean-René Huynh (2015 Oct 13)

Microtubule-driven nuclear rotations promote meiotic chromosome dynamics



Membres de l'équipe Physico-biologie aux mésoéchelles

Nature cell biology : 1388-400 : [DOI : 10.1038/ncb3249](https://doi.org/10.1038/ncb3249)

Floris Bosveld, Boris Guirao, Zhimin Wang, Mathieu Rivière, Isabelle Bonnet, François Graner, Yohanns Bellaïche (2015 Jul 5)

Modulation of junction tension by tumor suppressors and proto-oncogenes regulates cell-cell contacts.

Development (Cambridge, England) : 623-34 : [DOI : 10.1242/dev.127993](https://doi.org/10.1242/dev.127993)

Yevick HG, Duclos G, Bonnet I, Silberzan P. (2015 May 12)

Architecture and migration of an epithelium on a cylindrical wire

*Proc Natl Acad Sci USA*112(19):5944-9 : [DOI : 10.1073/pnas.1418857112](https://doi.org/10.1073/pnas.1418857112)