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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 : 2019

Denis Krndija, Fatima El Marjou, Boris Guirao, Sophie Richon, Olivier Leroy, Yohanns Bellaiche, Edouard Hannezo, Danijela Matic Vignjevic. (2019 Aug 16)

Active cell migration is critical for steady-state epithelial turnover in the gut.

Science : 365(6454) : 705-710 : [DOI : 10.1126/science.aau3429](https://doi.org/10.1126/science.aau3429)

Ralitz Staneva, Fatima El Marjou, Jorge Barbazan, Denis Krndija, Sophie Richon, Andrew G Clark, Danijela Matic Vignjevic (2019 Feb 16)

Cancer cells in the tumor core exhibit spatially coordinated migration patterns.

Journal of cell science : [DOI : jcs220277](https://doi.org/10.1042/jcs220277)

Année de publication : 2018

Jorge Barbazán, Danijela Matic Vignjevic (2018 Oct 12)

Cancer associated fibroblasts: is the force the path to the dark side?

Current opinion in cell biology : 71-79 : [DOI : S0955-0674\(18\)30133-9](https://doi.org/10.1016/j.cob.2018.09.001)

Andrew G Clark, Anthony Simon, Koceila Aizel, Jérôme Bibette, Nicolas Bremond, Danijela Matic Vignjevic (2018 Sep 1)

3D cell migration in the presence of chemical gradients using microfluidics.

Methods in cell biology : 133-147 : [DOI : S0091-679X\(18\)30070-0](https://doi.org/10.1016/j.mcb.2018.03.001)

Ralitz Staneva, Jorge Barbazan, Anthony Simon, Danijela Matic Vignjevic, Denis Krndija (2018 Mar 12)

Cell Migration in Tissues: Explant Culture and Live Imaging.

Methods in molecular biology (Clifton, N.J.) : 163-173 : [DOI : 10.1007/978-1-4939-7701-7_13](https://doi.org/10.1007/978-1-4939-7701-7_13)

Année de publication : 2017

Fabien Bertillot, Youmna Attieh, Morgan Delarue, Basile G Gurchenkov, Stephanie Descroix, Danijela Matic Vignjevic, Davide Ferraro (2017 Jun 22)

Microfluidic-Based Generation of 3D Collagen Spheres to Investigate Multicellular Spheroid Invasion.

Methods in molecular biology (Clifton, N.J.) : 269-279 : [DOI : 10.1007/978-1-4939-7021-6_20](https://doi.org/10.1007/978-1-4939-7021-6_20)

Année de publication : 2015

Andrew G Clark, Danijela Matic Vignjevic (2015 Jul 18)

Modes of cancer cell invasion and the role of the microenvironment.

Current opinion in cell biology : 13-22 : [DOI : 10.1016/j.cob.2015.06.004](https://doi.org/10.1016/j.cob.2015.06.004)

Année de publication : 2014

Alexandros Glentis, Vasily Gurchenkov, Danijela Matic Vignjevic (2014 Apr 15)

Assembly, heterogeneity, and breaching of the basement membranes.

Cell adhesion & migration : 236-45

Année de publication : 2011

Fabien Montel, Morgan Delarue, Jens Elgeti, Laurent Malaquin, Markus Basan, Thomas Risler, Bernard Cabane, Danijela Vignjevic, Jacques Prost, Giovanni Cappello, Jean-François Joanny (2011 Mar 3)

Stress clamp experiments on multicellular tumor spheroids.

Physical review letters : 188102