

## Publication List Marie-Hélène Verlhac

### Original Articles (\*: corresponding author)

Letort G \*, Eichmuller A, Da Silva C, Nikalayevich E, Crozet F, Salle J, Minc N, Labrune E, Wolf JP, Terret ME, Verlhac MH. (2022). An interpretable and versatile machine learning approach for oocyte phenotyping. *J Cell Sci* jcs.260281

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Colin A, Letort G, Razin N, Almonacid M, Ahmed W, Betz T, Terret ME, Gov NS, Voituriez R, Gueroui Z\*, **Verlhac M-H\***. (2020). Active diffusion in oocytes non-specifically centers large objects during Prophase I and Meiosis I. *J Cell Biol* 219: e201908195

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Bennabi I, Quéguiner I, Kolano A, Boudier T, Maily P, **Verlhac M-H\*** and Terret ME\*. (2018). Shifting meiotic to mitotic spindle assembly in oocytes disrupts chromosome alignment. *Embo Rep* 19: 368-381

Fodor E, Ahmed WW, Almonacid M, Bussonnier M, Gov NS, **Verlhac M-H**, Betz T, Visco P, van Wijland F. Nonequilibrium dissipation in living oocytes. (2016). *Europhysics Letters* 116 : 3008 (1-6).

Chaigne A, Campillo C, Voituriez R, Gov NS, Sykes C, **Verlhac M-H\***, Terret ME\*. (2016). F-actin mechanics control spindle centering in the mouse zygote. *Nat Commun* 7:10253-10267.

Grey C, Espeut J, Ametsitsi R, Kumar R, Łuksza M, Brun C, **Verlhac M-H**, Suja JA, de Massy B. (2016). SKAP, an outer kinetochore protein, is required for mouse germ cell development. *Reproduction* 151: 239-251

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**Verlhac M-H**, De Pennart H, Maro B, Cobb MH and Clarke HJ. (1993). MAP Kinase becomes stably activated at metaphase and is associated with Microtubule-Organizing Centres during meiotic maturation of mouse oocytes. *Dev Biol* 158: 330-340.

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#### Invited Reviews & Book Chapters (\*: corresponding author)

**Verlhac M-H**. (2021). Preventing Aneuploidy: The groom must wait until the bride is ready. *J Cell Biol* 220(10):e202108030

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