CV Marie-Hélène VERLHAC

Education and key qualifications

2002 **Habilitation (HDR)**, Université Pierre et Marie Curie, Paris, France

1995 **PhD in Biology** *(obtained with honours)*, Jacques Monod Institute, Paris, France
Thesis: *MAP Kinases and Meiotic Maturation of the Mouse Oocyte*
Supervisor: Dr Bernard Maro

1991 **Master in Cellular and Developmental Biology**, Université Pierre et Marie Curie

1988 **Admission at the Ecole Normale Supérieure de Lyon,** Lyon, France

Current positions

Since 2019 **Director of the CIRB,** Collège de France, Paris, France

Since 2019 **DRCE at CNRS**

Since 2011 **Group Leader in the CIRB,** Collège de France, Paris, France

Previous positions

2013 – 2018 **Joint-Director of the CIRB**, Collège de France, Paris, France

2002 – 2011 **Group Leader, DR at CNRS**, Developmental Biology Unit, Paris, France

1997 – 2001 **Staff Scientist, CR at CNRS** Developmental Biology Unit, Paris, France

1995 – 1997 **Postdoctoral Fellow**, University of California at San Francisco, San Francisco, USA
Identification of subunits of the yeast eIF3 complex required for cell division and translation; Supervisor: Pr Rick Derynck

1991 – 1992 **First Year of PhD**, Mc Gill University, Montreal, Canada
Role of MAP Kinases in mouse oocyte meiotic maturation; Supervisor: Pr Hugh Clarke

Peer recognition

Honors and Awards:

2022 Jaffe Prize from the French Academy of Sciences

2022 Elected to the Société Philomathique de Paris

2022 Knight from the French national order of the « Légion d'honneur »

2021 CNRS Silver Medal

2020 Nominated to AcademiaNet- the expert database for outstanding female academics by the Swiss National Science Foundation (SNF)

2019 Albert Brachet embryology Prize from the Royal Academy of Sciences from Belgium

2018 Elected EMBO member

2002 ACI Young Investigator award from the french ministry of Sciences

Prizes obtained by lab members:

• Lucie Barbier, post-doc: Young Investigator award for Women in Sciences from L'Oréal-Unesco (2024)

• Marie-Emilie Terret, co-PI since 2019, former PhD student in my lab: *Nature* Mid-Career mentoring award (2023)

• Adel Al Jord, post-doc: Young Researcher award from the Fondation des Treilles (2023) and finalist for the Eppendorf Award for Young European Investigators (2023)

• Maria Almonacid, CRCN CNRS : Grandes Avancées Françaises en Biologie prize from the french Academy of Sciences (2019)

• Isma Bennabi, PhD: Young Researcher award from the Bettencourt- Schueller Fondation (2019)

• Agathe Chaigne, PhD:
- 18ème Prize from the french magazine *Le Monde* (2015)
- Young Researcher award from the Bettencourt- Schueller Fondation (2015)
- 65th Lindau Nobel Laureate meeting alumni (2015)

Seminars and Meeting invitations

> 45 Seminar Invitations to several institutions worldwide

> 92 Invited Speaker to international meetings (ASCB, FASEB, Gordon Conferences, EMBO conferences, Titisee Conferences…), where I gave **15 Keynote Lectures**

Networking and Conference organization as Main Organiser/Co-Organiser

2025	Foundation Singer Polignac meeting "Fertility: contribution of the maternal inheritance", Paris, France
2023	Foundation des Treilles International Meeting on "DNA Damage in Mitosis: bridging two (un)related fields, Tourtour, France
2021	4th edition of Building the Cell meeting, called "Cell La Vie" from the SBCF/BSCB, online
2018	« 3rd Building the Cell meeting-BTC2018 » from the SBCF, Paris, France
2018	"The students and post-docs Meiosis workshop - II» from the GDRi Mammalian Meiosis, Montpellier, France
2018	GDR « Meiosis Ile-de France » at Collège de France, Paris, France
2016	Foundation des Treilles International Meeting on "Causes and Consequences of Aneuploidy", Tourtour, France
2016	"The students and post-docs Meiosis workshop - I» from the GDRi Mammalian Meiosis, Montpellier, France
2014	"Meiosis: a critical step for Reproduction" from GDRi Mammalian Meiosis at Collège de France, Paris, France
2013	Wenner-Gren Symposium on "Meiosis and chromosome segregation - a mammalian perspective", Stockholm, Sweden
2009	Foundation des Treilles International Meeting on "Meiotic Divisions in Oocytes", Tourtour, France
2005	EMBO workshop "Meiotic Divisions and checkpoints", Cargèse, France
2004	"The social life of tubulins and microtubules" by the Integrative Biology IFR, Paris, france

Other contributions to the research community

President/Reporter/Examiner of 39 PhDs in France and abroad

Reporter/Examiner of 20 HDR jury

Member of 19 PhD committee

International Advanced School

2015 – 2023	Lecturer in the International «Cell biology course: Cell and tissue homeostasis », Curie Institute, Paris
2020	Lecturer in the « ABCD: Advanced Courses on Biology of the Cell and Development" organized by Paris Sciences & Lettres (PSL) University, Paris
2019	Lecturer in the « 15th International Curie Course on Epigenetics» on "Physics of the nucleus, Curie Institute, Paris
2015	Lecturer in the Molecular Biology of the Cell training unit from Pasteur Institute, Paris
2009 - 2013	Lecturer in the Cell Biology training unit at l'ENS-ULM, Paris
2008 - 2013	Lecturer in the Cell Differentiation training unit, Université Paris Cité, Paris
2010 -2017	Lecturer in the Genomes, Cells, Development, Evolution training unit, University Paris Saclay

Reviewing activities

- Since 2021 Editorial Board Member of *Physiology/ American Physiological Society*
- Frequent Reviewer for: Nature, Cell, Science, Nature Cell Biology, Molecular Cell, Developmental Cell, The Journal of Cell Biology, Current Biology, The Embo Journal, Embo Reports, Plos Genetics….
- Reviewing for funding agencies (selection): ERC consolidator, ERC starting, National Science Foundation, HFSP, Welcome Trust, UKRI, National Health and Medical Research Council Australia (NHMRC), DFG, Swiss National Science Foundation (SNSF), Branco Weiss Fellowships from ETH (Zürich), Cancer Research UK, Marie Curie Fellowships, Association for International Cancer Research, EMBO YIP, Israeli Science Foundation, Czech Science Foundation, Lalor Foundation (USA)…

Commission of Trust

2025-2030	Co-coordinator of the Fertility axis from the SaFe PEPR
2024	Chaire d'Excellence A*Midex-Aix Marseille Université panel member, Marseille
Since 2024	Member of the Scientific Council of the TV network Arte-France
2023	Member of the evaluation committee of the « Fonds de Recherche du Québec-Santé" (FRQS, Canada)
2023	EMBO solidarity grant committee
2021	Member of the CNRS Paoletti prize for Life Sciences
2020	ERC Synergy panel member
2019 – 2023	Member of the Board of Directors of the Pasteur Institute
2019 – 2020	Member of the Board of Directors in the Research committee of the University Paris Cité
2018 – 2028	Member of the council partners of the Q-Life Convergence Institute from PSL
2014	Member of the ATIP-AVENIR panel, section LS3
2012 – 2016	Nominated Member in the section 22 of the CNRS for the evaluation of research and recruitment of newly appointed researchers, France
2007 – 2010	Panel member in the Genetics and Oncogenesis section from the Ligue Nationale Contre le Cancer

Other professional activities

2025	Remote Evaluator for the Czech Academy of Sciences
2022; 2023	Interviewer for EMBO post-doctoral fellowships
2020 -2024	SAB member of the Europa Training Network on oocyte Biology/Ireland/UK
Since 2023	Nominator for the Liliane Bettencourt for Life Sciences Prize
Since 2022	VinFuture Prize nominator since 2022, Vietnam
2020 - 2025	Joint Director of a consortium of 3 Institutes supported by PSL, the Memolife 2.0 Labex, headed by Pierre Paoletti
2020	Elected president of the French society for Cell Biology (SBCF)
2017	INSPIRE-Cofound panel Member, University Paris Cité,
2018 – 2022	Member of the administrative council of the French Society for Cell Biology (SFBD)
2011 - 2019	Member of the LABEX Memolife steering committee
2011 - 2019	Member of the GDRI Mammalian Meiosis, organised by Bernard De Massy
2010 - 2012	Member of the administrative council of the French Society for Developmental Biology (SFBD)
2010	Member of the scientific council of the CNRS Jacques Monod conferences
2008 - 2011	Member of the scientific council of the Doctoral School ED515 from Sorbonne University

10 times SAB member as President/Evaluator for French Institutes (Curie Institute, CBI, CRBM, IBGC); Evaluator for the HCERES (French national committee for the evaluation of research) of 5 different research centers in France

Other contributions to the research community

I have supervised/co-supervised 24 master's students, 12 doctoral researchers, and 11 postdoctoral researchers since 2002. Many former PhD students and postdocs from my lab are now group leaders in France and Europe.

Publication List

Original articles (*: corresponding author)

Zollo N, Zaffagnini G, Canette A, Letort G, Da Silva C, Fiscus J, Labrune E, Tessandier N, Dumont J, Blugeon C, Lemoine S, Wattellier B, Böke E, Almonacid M*, **Verlhac M-H*.** (2025). A novel RNP compartment boosts translation in growing mammalian oocytes to avoid cytoplasm dilution. *Submitted*.

Bulteau R°, Barbier L°, Lamour G, Lemseffer Y, **Verlhac M-H**, Tessandier N, Labrune E, Lenz M, Terret ME*, Campillo C*. (2025). Atomic force microscopy reveals differences in mechanical properties linked to cortical structure in mouse and human oocytes. ***Small*** 2500221

Barbier L°, Bulteau R°, Rezaei B, Panier T, Letort G, Labrune E, **Verlhac M-H**, Vernerey F, Campillo C*, Terret ME*. (2025). Noninvasive characterization of oocyte deformability in microconstrictions. ***Sci Adv*** 11, eadr9869

Nikalayevich E, Letort G, de Labbey G, Todisco E, Shihabi A, Turlier H, Voituriez R, Yahiatene M, Pollet-Villard X, Innocenti M, Schuh M, Terret M-E* and **Verlhac M-H*,°.** (2024). Aberrant cortex contractions impact mammalian oocyte quality. ***Dev Cell*** 59:841-852

Crozet F, Letort G, Bulteau R, Da Silva C, Eichmuller A, Tortorelli A-F, Blévinal J, Belle M, Dumont J, Piolot T, Dauphin A, Coulpier F, Chédotal A, Maître J-L, **Verlhac M-H**, Clarke H J, and Terret ME*. (2023). Filopodia-like protrusions of adjacent somatic cells shape the developmental potential of oocytes. ***Life Sci All*** 6:e202301963

Al Jord A*, Letort G, Chanet S, Tsai FC, Antoniewski C, Eichmuller A, Da Silva C, Huynh JR, Gov NS, Voituriez R, Terret ME, **Verlhac MH.** (2022). Cytoplasmic forces functionally reorganize nuclear condensates in oocytes. ***Nat Commun*** 13: 5070

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*** 135: jcs260281

Crozet F, Da Silva C, **Verlhac M-H*,** Terret ME*. (2021). Myosin-X is dispensable for spindle morphogenesis and positioning in mouse oocyte. ***Development*** 148: dev199364

Bennabi I, Crozet F°, Nikalayevich E°, Chaigne A, Letort G, Manil-Segalen M, Campillo C, Cadart C, Othmani A, Attia R, Sykes C, Genovesio A, **Verlhac M-H*,** Terret ME*. (2020). Artificially decreasing cortical tension generates aneuploidy in mouse oocytes. ***Nat Commun*** 11: 1649-1663

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

Almonacid M, Al Jord A, El-Hayek S, Othmani A, Coulpier F, Lemoine S, Miyamoto K, Grosse R, Piolot T, Klein C, Mailly P, Voituriez R, Genovesio A* and **Verlhac M-H**.* (2019). Active fluctuations of the nuclear envelope shape the transcriptional dynamics in oocytes. ***Dev Cell*** 51: 145-157

Letort G, Bennabi I, Dmitrieff S, Nedelec F, **Verlhac MH**, Terret ME. (2019). A computational model of the early stages of acentriolar meiotic spindle assembly. ***Mol Biol Cell*** 30:863-875

Manil-Ségalen M, Łuksza M, Kanaan J, Marthiens V, Lane SIR, Jones KT, Terret ME, Basto R, **Verlhac M-H*.** (2018). Chromosome structural anomalies due to aberrant spindle forces exerted at gene editing sites in meiosis. ***J Cell Biol*** 217: 3416-3430

Simerly C, Manil-Ségalen M, Castro C, Hartnett C, Kong D, **Verlhac MH**, Loncarek J, Schatten G. (2018). Separation and Loss of Centrioles From Primordidal Germ Cells To Mature Oocytes In The Mouse. ***Sci Rep*** 8: 12791

Ahmed WW, Fodor E, Almonacid M, Bussonnier M, **Verlhac M-H**, Gov NS, Visco P, Van Wijland F, Betz T. (2018). Active mechanics reveal molecular-scale force kinetics in living oocytes. ***Biophys J*** 114: 1667-1679

Bennabi I, Quéguiner I, Kolano A, Boudier T, Mailly 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

Almonacid M, Ahmed WW, Bussonnier M, Mailly P, Betz T, Voituriez R, Gov NS and **Verlhac M-H*.** (2015). Active diffusion positions the nucleus in mouse oocytes. ***Nat Cell Biol*** 17: 470-479

Li H, Moll J, Winkler A, Frappart L, Brunet S, Hamann J, Kroll T, **Verlhac M-H**, Heuer H, Herrlich P, Ploubidou A. (2015). RHAMM deficiency disrupts folliculogenesis resulting in female hypofertility. ***Biol Open*** pii: BIO201410892

Chaigne A, Campillo C, Gov NS, Voituriez R, Sykes C, **Verlhac M-H***, Terret ME*. (2015). A narrow window of cortical tension guides asymmetric spindle positioning in the mouse oocyte. ***Nat Commun*** 6: 6027-6037

Łuksza M, Queguiner I, **Verlhac M-H *** and Brunet S.* (2013). Rebuilding MTOCs upon centriole loss during mouse oogenesis. ***Dev Biol*** 382: 48-56

Chaigne A, Campillo C, Gov N S, Voituriez R, Azoury J, Umana C, Almonacid M, Queguiner I, Nassoy P, Sykes C, **Verlhac M-H*** and Terret ME*. (2013). A soft cortex is essential for asymmetric spindle positioning in mouse oocytes. ***Nat Cell Biol*** 15 : 958-66

Kolano A, Brunet S, Silk AD, Cleveland DW* and **Verlhac M-H*.** (2012). Error prone mammalian female meiosis from silencing the SAC without normal interkinetochore tension. ***PNAS*** 109: E1858–E1867

Azoury J, Lee KW, Georget V, Hikal P and **Verlhac M-H*.** (2011). Symmetry breaking in mouse oocytes requires transient F-actin meshwork destabilization. ***Development*** 138:2903-2908

Breuer M, Kolano A, Kwon M, Li C-C, Tsai T-F, Pellman D, Brunet S and **Verlhac M-H*.** (2010). HURP permits MTOC sorting for robust meiotic spindle bipolarity, similar to extra-centrosome-clustering in cancer cells. ***J Cell Biol*** 191:1251-1260

Azoury J, Lee KW, Georget V, Rassinier P, Leader B and **Verlhac M-H*.** (2008). Spindle positioning in mouse oocytes relies on a dynamic meshwork of actin filaments. ***Curr Biol*** 18: 1514-1519

Brunet S, Dumont J, Lee KW, Kinoshita K, Hikal P, Gruss O, Maro B and **Verlhac M-H***. (2008). Meiotic regulation of TPX2 protein levels governs cell cycle progression in mouse oocytes. ***PLos One*** 3: e3338

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Dumont J, Million K, Sunderland K, Rassinier P, Lim H, Leader B and **Verlhac M-H***. (2007). Formin-2 is required for spindle migration and for the late steps of cytokinesis in mouse oocytes. ***Dev Biol*** 301: 254-265

Dumont J, Umbhauer M, Rassinier P, Hanauer A and **Verlhac M-H*.** (2005). p90Rsk is not involved in CSF arrest in mouse oocytes. ***J Cell Biol*** 169: 227-231

Lemaître J-M, Bocquet S, Terret ME, Namdar M, Aït-Ahmed O, Kearsey S, Verlhac M-H, and Méchali M. (2004). The regulation of competence to replicate in meiosis by Cdc6 is conserved during evolution. *Mol Repro Dev* 69: 94-100

Terret ME, Wassmann K, Waizenegger I, Maro B, Peters J-M, and Verlhac M-H*.* (2003). The meiosis I to meiosis II transition in mouse oocytes requires separase activity. *Curr Biol* 13: 1797-1802

Terret ME, Lefebvre C, Djiane A, Rassinier P, Moreau J , Maro B and Verlhac M-H*. (2003). DOC1R, a MAP Kinase substrate that control microtubule organization of metaphase II arrested mouse oocytes. *Development* 130: 5169-5177

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Terret ME, Ferby I, Nebreda A, and Verlhac M-H*. (2001). xRingo efficiently triggers meiosis resumption and induces cell cycle arrest in mouse oocytes and embryos. *Biol Cell* 93: 89-97

Verlhac M-H, Lefebvre C, Kubiak JZ, Umbhauer M, Rassinier P, Colledge W and Maro B. (2000). Mos activates MAP kinase in mouse oocytes through two opposite pathways. *EMBO J* 19: 6065-6074

Verlhac M-H, Lefebvre C, Guillaud P, Rassinier P and Maro B. (2000). Asymmetric division in mouse oocytes: with or without Mos. *Curr Biol* 10: 1303-1306

Brunet S, Polanski Z, Verlhac M-H, Kubiak JZ and Maro B. (1998). Bipolar meiotic spindle formation without chromatin. *Curr Biol* 8: 1231-1234

Polanski Z, Ledan E, Brunet S, Louvet S, Verlhac M-H, Kubiak JZ and Maro B. (1998). Cyclin synthesis controls the progression of meiotic maturation in mouse oocytes. *Development* 125: 4989-4997

Verlhac M-H, Chen R-H, Hanachi P, Hershey JWB and Derynck R. (1997). Identification of partners of TIF34, a component of the yeast eIF3 complex, required for cell proliferation and translation initiation. *EMBO J* 16: 6812-6822

Zernicka-Goetz M, Verlhac M-H, Géraud G, Maro B and Kubiak JZ. (1997). Protein phosphatases control MAP kinase activation and microtubule organization during rat oocyte maturation. *Eur J Cell Biol* 72: 30-38

Verlhac M-H, Kubiak JZ, Weber M, Géraud G, Colledge WH, Evans MJ and Maro B. (1996). Mos is required for MAP kinase activation and for microtubular organization during mouse meiotic maturation. *Development* 122: 815-822

Kalab P, Kubiak JZ, Verlhac M-H and Maro B. (1996). MAP kinase is required for the full activation of p90rsk during meiotic maturation and after activation of mouse oocytes. *Development* 122: 1957-1964

Abraham RT, Acquarone M, Andersen A, Asensi A, Bellé R, Berger F, Bergounioux C, Brunn G, Buquet-Fagot C, Glab N, Goudeau H, Goudeau M, Guerrier P, Houghton P, Hendricks H, Kloareg B, Lippai M, Marie D, Maro B, Meijer L, Mester J, Mulner-Lorillon O, Poulet SA, Schierenberg E, Schutte B, Vaulot D, Verlhac M-H. (1995). Cellular effects of olomoucine, an inhibitor of cyclin-dependent kinases. *Biol Cell* 83: 105-120

Verlhac M-H, Kubiak JZ, Clarke HJ and Maro B. (1994). Microtubule and chromatin behaviour follow MAP kinase activity but not MPF activity during meiosis in mouse oocytes. *Development* 120: 1017-1025

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

De Pennart H, Verlhac M-H, Cibert C, Santa-Maria A and Maro B. (1993). Okadaic Acid induces spindle lengthening and disrupts the interaction of microtubules with the kinetochores in metaphase II-arrested mouse oocytes. *Dev Biol* 157: 170-181

Invited Reviews and Books (*: corresponding author)

Book edition in Methods in Molecular Biology at Springer Protocols by **M-H Verlhac** & ME Terret. (2025). Doi.org 10.1007/978-1-0716-4658-8

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Almonacid M* & **Verlhac M-H**. (2022). A mitochondrial niche protects oocyte RNPs. ***Dev Cell*** 23:2599-2600

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

Nikalayevich E* & **Verlhac M-H.** (2021). Selfish centromeres, selfless heterochromatin. ***Cell*** 184:4843-4844

Almonacid M* & **Verlhac M-H**. (2020). A new mode of mechano-transduction shakes the oocyte nucleus, thereby fine tunes gene expression modulating the developmental potential. ***Comptes Rendus de Biologie*** from the French Academy of Sciences 343: 223-234

Bennabi I*, **Verlhac MH**, Terret ME*. (2020). Cortical tension of the oocyte and euploidy: the right balance. ***Med Sci*** 36:965-968

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Book edition in Methods in Molecular Biology at Springer Protocols by **M-H Verlhac** & ME Terret. (2018). Doi.org/10.1007/978-1-4939-8603-3

Almonacid M*, Terret ME, **Verlhac M-H.** (2018). Control of nucleus positioning in mouse oocytes. ***Semin Cell Dev Biol*** 9521 : 30358

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Bennabi I*, Terret ME, **Verlhac M-H*.** (2016). Meiotic spindle assembly and chromosome segregation in oocytes. ***J Cell Biol*** 215: 611-619

Verlhac M-H. (2016). Mother centrioles are kicked out so that starfish zygote can grow. ***J Cell Biol*** 212: 759-61

Verlhac M-H* & Terret ME**.** (2016). Oocyte Maturation and Development. ***F1000Research*** *5 :* 309-317

Chaigne A, **Verlhac M-H**, Terret ME. (2014). Ramollir le cortex : un prérequis à l'asymétrie de la division ovocytaire. ***Médecine/Sciences*** 30: 18-21

Almonacid M, Terret ME, **Verlhac M-H.*** (2014). Actin-based spindle positioning: new insights from female gametes. ***J Cell Sci*** 127: 1-7

Terret ME, Chaigne A, Verlhac M-H.* (2013). Mouse oocyte, a paradigm of cancer cell. *Cell Cycle* 12: 3370-3376

Dumont J and Verlhac M-H.* (2013). Using FRET to study RanGTP gradients in live mouse oocytes. Book Chapter in *Methods in Molecular Biology*, edited by Hayden Homer, Springer. 957: 107-120

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Verlhac M-H* and Breuer M. (2012). Cytoskeletal correlates of oocyte meiotic divisions. Book chapter in « Mammalian Oogenesis » edited by Maureen Pierce, Giovanni Coticchio and David Albertini for Springer. Chapter 14: 195-207

M-H Verlhac. (2012). ASCB meeting report of the minisymposium on "Meiosis and Oogenesis". *Mol Biol Cell* 23: 971-971

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Verlhac M-H*, Terret ME, Pintard L. (2010). Control of the oocyte-to-embryo transition by the ubiquitin-proteolytic system in mouse and C. elegans. *Curr Opin Cell Biol* 22: 758-763

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Perry AC* and Verlhac M-H. (2008). Second meiotic arrest and exit in frogs and mice. *EMBO rep* 9: 246- 251

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