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**Anna Ferrer-Vaquero, PhD**  
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Start Year

2009

End Year

2013

Current Position:

Senior Research Assistant and Clinical Embryologist, Clinica Eugin, Barcelona, Spain

## Publications

Faunes, F., Hayward, P., Descalzo, S.M., Chatterjee, S.S., Balayo, T., Trott, J., Christoforou, A., Ferrer-Vaquer, A., Hadjantonakis, A.-K., Dasgupta, R., and Arias, A.M. (2013) [A membrane-associated  \$\beta\$ -catenin/Oct4 complex correlates with ground-state pluripotency in mouse embryonic stem cells.](#)

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Jacques, B.E., Puligilla, C., Weichert, R.M., Ferrer-Vaquer, A., Hadjantonakis, A.K., Kelley, M.W., and Dabdoub, A. (2012) [A dual function for canonical Wnt/ \$\beta\$ -catenin signaling in the developing mammalian cochlea](#) . *Development* 139(23):4395-404.

Ferrer-Vaquer, A and Hadjantonakis, A.K. (2012) [Birth defects associated with perturbations in preimplantation, gastrulation, and axis extension: from conjoined twinning to caudal dysgenesis](#) . Wiley Interdiscipl Rev *Dev Biol* Epub 2012 Nov 26

Nowotschin, S., Ferrer-Vaquer, A., Concepcion, D., Papaioannou, V.E. and Hadjantonakis, A.-K. (2012) [Interaction of Wnt3a, Msgn1 and Tbx6 in neural versus mesodermal lineage commitment and paraxial mesoderm differentiation in the mouse embryo](#) . *Dev Biol* 367(1):1-14 .

Isern, J., He, H., Fraser, S.T., Nowotschin, S., Ferrer-Vaquer, A., Moore, R., Hadjantonakis A.-K., Schulz, V., Tuck, T., Gallagher, P.G. and Baron M.H. (2011) [Single lineage transcriptome analysis reveals key regulatory pathways in primitive erythroid progenitors in the mouse embryo](#) . *Blood* 117(18):4924-34.

Ferrer-Vaquer, A., Piliszek, A., Tian, G., Aho, R.J., Dufort, D. and Hadjantonakis, A.-K. (2010) [A sensitive and bright single-cell resolution live imaging reporter of Wnt/ \$\beta\$ -catenin signaling in the mouse](#) . *BMC Dev. Biol* 10(1):121.

Burn, S.F., Webb, A., Berry, R.L., Davies, J.A., Ferrer-Vaquer, A., Hadjantonakis, A.-K., Hastie, N.D. and Hohenstein, P. (2010) [Calcium/NFAT signalling promotes early nephrogenesis](#) . *Dev. Biol* 352(2):288-98.

Nowotschin, S., Ferrer-Vaquer, A. and Hadjantonakis, A.-K. (2010) [Imaging of mouse embryogenesis with confocal time-lapse microscopy](#) . Guide to Techniques in Mouse Development: Methods in Enzymology, Wasserman, P. and Soriano, P. Eds.

Ferrer-Vaquer, A., Viotti, M. and Hadjantonakis, A.-K. (2010) [Transitions between epithelial and mesenchymal states and the morphogenesis of the early mouse embryo](#) . *Cell Adh. and Migr.* (3):447-57.

Ferrer-Vaquer, A. and Hadjantonakis, A.-K. (2009) [VISIONS: the art of science](#) . *Mol. Reprod Dev* 76(9):803.

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