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**Nadine Schrode**

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**Start Year**

2012

**End Year**

2015

Nadine Schrode

Current Position:

Computational Biologist, Icahn School of Medicine at Mount Sinai, New York, New York

## Publications

Saiz N, Kang M, Schrode N, Lou X, Hadjantonakis AK. (2016) [Quantitative Analysis of Protein Expression to Study Lineage Specification in Mouse Preimplantation Embryos](#). *J Vis Exp*. (108):53654. doi: 10.3791/53654. PubMed PMID: 26967230; PubMed Central PMCID: PMC4828170.

Freyer L, Schröter C, Saiz N, Schrode N, Nowotschin S, Martinez-Arias A, Hadjantonakis AK. (2015) [A loss-of-function and H2B-Venus transcriptional reporter allele for Gata6 in mice](#). *BMC Dev Biol* 15:38. doi: 10.1186/s12861-015-0086-5. PubMed PMID: 26498761; PubMed Central PMCID: PMC4619391.

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Schrode N, Saiz N, Di Talia S, Hadjantonakis AK. (2014) [GATA6 levels modulate primitive endoderm cell fate choice and timing in the mouse blastocyst](#). *Dev Cell* 29(4):454-67. doi: 10.1016/j.devcel.2014.04.011. Epub 2014 May 15. PubMed PMID: 24835466; PubMed Central PMCID: PMC4103658.

Czechanski A, Byers C, Greenstein I, Schrode N, Donahue LR, Hadjantonakis AK, Reinholdt LG. (2014) [Derivation and characterization of mouse embryonic stem cells from permissive and nonpermissive strains](#). *Nat Protoc* 9(3):559-74. doi: 10.1038/nprot.2014.030. Epub 2014 Feb 6. PubMed PMID: 24504480; PubMed Central PMCID: PMC4112089.

Kumar R, Dimenna L, Schrode N, Liu TC, Franck P, Muñoz-Descalzo S, Hadjantonakis AK, Zarrin AA, Chaudhuri J, Elemento O, Evans T. (2013) [AID stabilizes stem-cell phenotype by removing epigenetic memory of pluripotency genes](#). *Nature* 500(7460):89-92. doi: 10.1038/nature12299 PMID: 23803762.

Niakan KK, Schrode N, Cho LT, Hadjantonakis AK. (2013) [Derivation of extraembryonic endoderm stem \(XEN\) cells from mouse embryos and embryonic stem cells](#). *Nat Protoc* 8(6):1028-41. PMID: 23640167

Nowotschin S, Xenopoulos P, Schrode N, Hadjantonakis AK. (2013) [A bright single-cell resolution live imaging reporter of Notch signaling in the mouse](#). *BMC Dev Biol* 13:15. PMID: 23617465

Schrode N, Xenopoulos P, Piliszek A, Frankenberg S, Plusa B, Hadjantonakis AK. (2013) [Anatomy of a blastocyst: cell behaviors driving cell fate choice and morphogenesis in the early mouse embryo](#). *Genesis* 51(4):219-33. PMID: 23349011

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