

Emma R Andersson Publications

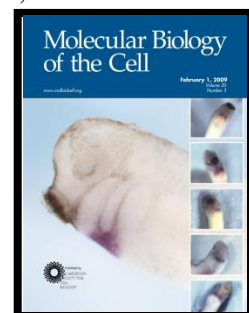
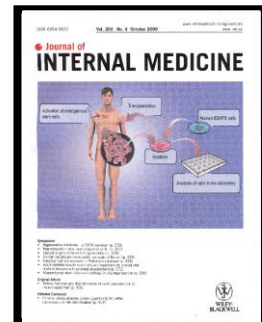
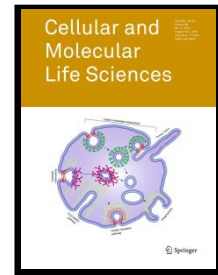
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|------------------------------|-----------------|
| Total Publications: | 21 publications |
| * First or Co-first: | 12 publications |
| † Corresponding/last author: | 6 publications |
| On the Cover: | 3 publications |

| Bibliometrics from: | ISI Web of Science | Harzings Publish or Perish (Google Scholar) |
|---------------------|--------------------|---|
| Citations: | 879 | 1372 |
| H-index: | 15 | 17 |

Published /Accepted Articles

1. [Andersson ER^{†*}](#), Chivukula IV*, Hankeova S*, Sjöqvist M, Tsoi YL, Ramsköld D, Masek J, Elmansuri A, Hoogendoorn A, Vazquez E, Storvall H, Netušilová J, Huch M, Fischler B, Ellis E, Contreras A, Nemeth A, Chien KC, Clevers H, Sandberg R, Bryja V, Lendahl U[†], *Mouse Model of Alagille Syndrome and Mechanisms of Jagged1 Missense Mutations*, Accepted in **Gastroenterology**
2. Sjöqvist M & [Andersson ER[†]](#), *Do as I say, Not(ch) as I do: lateral control of cell fate*, Accepted in **Developmental Biology**, doi: 10.1016/j.ydbio.2017.09.032, PMID: 28969930 (Special Issue, Guest Editors: ER Andersson & J Bush)
3. Masek J & [Andersson ER[†]](#), *The developmental biology of congenital Notch disorders*, **Development**, 2017; 144: 1743-1763; doi: 10.1242/dev.148007, PMID: 28512196
4. [Andersson ER](#), Lendahl U, *Therapeutic modulation of Notch signalling— are we there yet?* requested review, **Nature Reviews Drug Discovery**, 2014, 13 (5): 357-78. PMID: 24781550
5. Main HM, Radenkovic J, Lendahl U, & [Andersson ER[†]](#), Notch Signaling Maintains Neural Rosette Polarity, **PLoS One**, 2014, 8 (5), e62959 PMID: 23675446
6. Jin S, Mutvei A, Chivukula IV, [Andersson ER](#), Ramsköld D, Sandberg R, Lee KL, Kronqvist P, Mamaeva V, Ostling P, Mpindi JP, Kallioniemi O, Screpanti I, Poellinger L, Sahlgren C, Lendahl U, *Non-canonical Notch signaling activates IL-6/JAK/STAT signaling in breast tumor cells and is controlled by p53 and IKK α /IKK β* , **Oncogene**, 2013 Oct 10;32(41):4892-902 PMID: 23178494
7. [Andersson ER*](#), Salto C*, Villaescusa JC, Cajanek L, Yang S, Bryjova L, Nagy IL, Vainio SJ, Ramirez C, Bryja V, Arenas E, *Wnt5a cooperates with canonical Wnts to generate midbrain dopaminergic neurons in vivo and in stem cells*, **Proceedings of the National Academy of Sciences USA**, 2013, 110 (7) E602-10 PMID: 23324743
8. Kele J*, [Andersson ER*](#), Villaescusa JC*, Cajanek L, Parish CL, Bonilla S, Toledo EM, Bryja V, Rubin JS, Shimono A, Arenas E, *SFRP1 and 2 Dose-Dependently Regulate Midbrain Dopamine Neuron Development In vivo and in Embryonic Stem Cells*, **Stem Cells**, 2012 May; 30 (5):865-75. PMID: 22290867

9. Andersson ER[†], *The role of endocytosis in activating and regulating signal transduction*, Requested Review, **Cell Mol Life Sci.**, 2012 Jun;69(11):1755-71. PMID: 22113372 (**On the cover**)
10. Andersson ER, Sandberg R, Lendahl U, *Notch signaling: simplicity in design, versatility in function*, Requested Review, **Development**. 2011 Sep;138(17):3593-612. PMID: 21828089.
11. Das D, Lanner F, Main H, Andersson ER, Bergmann O, Sahlgren C, Heldring N, Hermanson O, Hansson EM and Lendahl U, *Notch induces cyclin-D1-dependent proliferation during a specific temporal window of neural differentiation in ES cells*, **Developmental Biology**, 2010 Dec 15;348(2):153-66. PMID: 20887720
12. Hansson EM, Lanner F, Das D, Mutvei A, Marklund U, Ericson J, Farnebo F, Stumm G, Stenmark H, Andersson ER[†], and Lendahl U[†], *Control of Notch ligand endocytosis by ligand-receptor interaction*, **Journal of Cell Science**, 2010 Sep 1;123(Pt 17):2931-42. PMID: 20720151
13. Mattsson CL, Andersson ER, Nedergaard J, *Differential involvement of caveolin-1 in brown adipocyte signaling: impaired beta3-adrenergic, but unaffected LPA, PDGF and EGF receptor signaling*, **Biochimica et Biophysica Acta - Molecular Cell Research**, 2010 PMID: 20381543
14. Andersson ER^{*}, Bryjova L^{*}, Biris K, Yamaguchi TP, Arenas E, & Bryja V, *Genetic interaction between Lrp6 and Wnt5a during mouse development*, **Developmental Dynamics**, 2010 Jan; 239(1):237-45. PMID: 19795512
15. Castelo-Branco G^{*}, Andersson ER^{*}, Minina E^{*}, Sousa KM, Ribeiro D, Kokubu C, Imai K, Prakash N, Wurst W, & Arenas E, *Delayed dopaminergic neuron differentiation in Lrp6 mutant mice*, **Developmental Dynamics**, 2010 Jan; 239(1):211-21. PMID: 19795519
16. Andersson ER and Lendahl U, *Regenerative Medicine – a 2009 overview*, Requested Review, **Journal of Internal Medicine**, 2009 Oct, 266 (4), p303-310. PMID: 19765176. (**On the cover**)
17. Joseph B^{*}, Andersson ER^{*}, Vlachos P, Liu L, Teixeira AI, & Hermanson O; *p57Kip2 is a repressor of Mash1 activity and neuronal differentiation in neural stem cells..* **Cell Death and Differentiation**, 2009 Jul, 16, p1256-1265. PMID: 19590511
18. Bryja V^{*}, Andersson ER^{*}, Schambony A^{*}, Esner M, Bryjová L, Biris KK, Hall AC, Kraft B, Yamaguchi TP, Buckingham M & Arenas E; *The extracellular domain of Lrp5/6 inhibits non-canonical Wnt signaling in vivo.* **Molecular Biology of the Cell**, 2009 Feb 20(3): p924-936. (**On the cover**)
19. Yang DH, Yoon JY, Lee SH, Bryja V, Andersson ER, Arenas E, Kwon YG & Choi KY; *Wnt5a is required for endothelial differentiation of embryonic stem cells and vascularization via pathways involving both Wnt/β-catenin and PKCα*, **Circulation Research**, 2009 Feb 13, 104(3): p372-379. PMID: 19096028



20. Andersson ER, Prakash N, Cajanek L, Minina E, Bryja V, Bryjova L, Yamaguchi TP, Hall AC, Wurst W & Arenas E; *Wnt5a regulates ventral midbrain morphogenesis and the development of dopaminergic precursors in vivo*, **PLoS One**, 2008 Oct 27, 3 (10), 14 pages. PMID: 18953410

21. Edman LC, Mira H, Erices A, Malmersjö S, Andersson E, Uhlén P, & Arenas E.; *Alpha-chemokines regulate proliferation, neurogenesis, and dopaminergic differentiation of ventral midbrain precursors and neurospheres*, **Stem Cells**, 2008 Jul, 26(7):1891-900. PMID: 18436867

Book Chapter:

In revision: Andersson, ER; *Future therapeutic approaches for Alagille Syndrome*, **Alagille Syndrome - Pathogenesis and Clinical Management** (Springer), edited by Kathleen Loomes and Binita Kamath, leaders in the field of cholangiopathies, in particular Alagille syndrome.

PhD Thesis and Date of PhD Defence (2009/02/06)

Wnts in Development: Focus on Midbrain, PI: Ernest Arenas, MBB, KI, ISBN: 978-91-7409-321-6, <http://hdl.handle.net/10616/38095>