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- 1) Walsh RM*, Luongo R*, Giacomelli E*, Ciceri G*, Rittenhouse C*, Verrillo A, Galimberti M, Dickinson Bocchi V, Wu Y, Xu N, Mosole S, Muller J, Vezzoli E, Jungverdorben J, Zhou T, Barker RA, Cattaneo E, Studer L, [Baggiolini A](#). (2024), Generation of human cerebral organoids with a structured outer subventricular zone. **Cell Reports**. In press.
- 2) Binet R, Lambert JP, Tomkova M, Tischfield S, [Baggiolini A](#), Picaud S, Sarkar S, Louphrasitthiphol P, Dias D, Carreira S, Humphrey TC, Fillipakopoulos P, White R, Goding CR. (2024), DNA damage remodels the MITF interactome to increase melanoma genomic instability. **Genes Dev**. Feb 13;38(1-2):70-94. [10.1101/gad.350740.123](https://doi.org/10.1101/gad.350740.123)
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- 6) Veneruso V, Petillo E, Pizzetti F, Orro A, Comolli D, De Paola M, Verrillo A, [Baggiolini A](#), Votano S, Castiglione F, Sponchioni M, Forloni G, Rossi F, Veglianesi P. (2023), Synergistic Pharmacological Therapy to Modulate Glial Cells in Spinal Cord Injury. **Adv Mater**. 22:e2307747. [10.1002/adma.202307747](https://doi.org/10.1002/adma.202307747)
- 7) Lumaquin-Yin D, Montal E, Johns E, [Baggiolini A](#), Huang TH, Ma Y, LaPlante C, Suresh S, Studer L, White RM. (2023), Lipid droplets are a metabolic vulnerability in melanoma. **Nat Commun** 2, 3192. [10.1038/s41467-023-38831-9](https://doi.org/10.1038/s41467-023-38831-9)
- 8) Fan Y, Hackland J, [Baggiolini A](#), Hung LY, Zhao H, Zumbo P, Oberst P, Minotti AP, Hergenreder E, Najjar S, Huang Z, Cruz NM, Zhong A, Sidharta M, Zhou T, de Stanchina E, Betel D, White RM, Gershon M, Margolis KG, Studer L (2023), hPSC-derived sacral neural crest enables rescue in a severe model of Hirschsprung's disease. **Cell Stem Cell** 30, 264-282 e269. <https://doi.org/10.1016/j.stem.2023.02.003>
- 9) Weiss JM, Hunter MV, Cruz NM, [Baggiolini A](#), Tagore M, Ma Y, Misale S, Marasco M, Simon-Vermot T, Campbell NR, Newell F, Wilmott JS, Johansson PA, Thompson JF, Long GV, Pearson JV, Mann GJ, Scolyer RA, Waddell N, Montal ED, Huang TH, Jonsson P, Donoghue MTA, Harris CC, Taylor BS, Xu T, Chaligné R, Shliha PV, Hendrickson R, Jungbluth AA, Lezcano C, Koche R, Studer L, Ariyan CE, Solit DB, Wolchok JD, Merghoub T, Rosen N, Hayward NK, White RM. (2022). Anatomic position determines oncogenic specificity in melanoma. **Nature** 1–8. <https://www.nature.com/articles/s41586-022-04584-6>
- 10) [Baggiolini A](#)*, Callahan SJ*, Montal E, Weiss JM, Trieu T, Tagore MM, Tischfield SE, Walsh RM, Suresh S, Fan Y, Campbell NR, Perlee SC, Saurat N, Hunter MV, Simon-Vermot T, Huang TH, Ma Y, Hollmann T, Tickoo SK, Taylor BS, Khurana E, Koche RP, Studer L**, White RM**. (2021). Developmental chromatin programs determine oncogenic competence in melanoma. **Science** 373. <https://www.science.org/doi/10.1126/science.abc1048>
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Perspective article:
Vredevoogd, D.W., and Peeper, D.S. (2021). Enabling oncogenes. **Science** 373, 1088–1089. <https://www.science.org/doi/full/10.1126/science.abl4510>
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- 18) Jacob C, Christen CN, Pereira JA, Somandin C, [Baggiolini A](#), Lötscher P, Özçelik M, Tricaud N, Meijer D, Yamaguchi T, Matthias P, Suter U. HDAC1 and HDAC2 control the transcriptional program of myelination and the survival of Schwann cells. (2011). HDAC1 and HDAC2 control the transcriptional program of myelination and the survival of Schwann cells. *Nat Neurosci* 14, 429–436. <https://doi.org/10.1038/nn.2762>

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