

Stanford

Egor Sedov

Postdoctoral Scholar, Dermatology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Israel Institute Of Technology (2021)
- Diploma, Unlisted School (2013)
- Master of Science, Israel Institute Of Technology (2016)
- Ph.D., Technion - Israel Institute of Technology , Biology (2021)
- M.Sc., Moscow State Academy of Veterinary Medicine and Biotechnology, K.i. Skryabina , Biochemistry (2013)

STANFORD ADVISORS

- Anthony Oro, Postdoctoral Faculty Sponsor

LINKS

- Oro Lab: <https://med.stanford.edu/orolab.html>

Research & Scholarship

LAB AFFILIATIONS

- Anthony Oro, Oro Lab (3/3/2023)

Publications

PUBLICATIONS

- **GRHL2 and AP2a coordinate early surface ectoderm lineage commitment during development.** *iScience*
Collier, A. E., Piekos, S. N., Liu, A., Pattison, J. M., Felix, F., Bailetti, A. A., Sedov, E., Gaddam, S., Zhen, H., Oro, A. E.
2023; 26 (3): 106125
- **Thy1 marks a distinct population of slow-cycling stem cells in the mouse epidermis.** *Nature communications*
Koren, E., Feldman, A., Yusupova, M., Kadosh, A., Sedov, E., Ankawa, R., Yosefzon, Y., Nasser, W., Gerstberger, S., Kimel, L. B., Priselac, N., Brown, S., Sharma, et al
2022; 13 (1): 4628
- **THY1-mediated mechanisms converge to drive YAP activation in skin homeostasis and repair.** *Nature cell biology*
Sedov, E., Koren, E., Chopra, S., Ankawa, R., Yosefzon, Y., Yusupova, M., Weiss, L. E., Mahly, A., Soffer, A., Feldman, A., Luxenburg, C., Shechtman, Y., Fuchs, et al
2022
- **Fetomaternal microchimerism in tissue repair and tumor development.** *Developmental cell*
Sedov, E., McCarthy, J., Koren, E., Fuchs, Y.
2022
- **Apoptotic stress-induced FGF signalling promotes non-cell autonomous resistance to cell death.** *Nature communications*
Bock, F. J., Sedov, E., Koren, E., Koessinger, A. L., Cloix, C., Zerbst, D., Athineos, D., Anand, J., Campbell, K. J., Blyth, K., Fuchs, Y., Tait, S. W.

2021; 12 (1): 6572

- **Blimp1+ cells generate functional mouse sebaceous gland organoids in vitro.** *Nature communications*
Feldman, A., Mukha, D., Maor, I. I., Sedov, E., Koren, E., Yosefzon, Y., Shlomi, T., Fuchs, Y.
2019; 10 (1): 2348
- **Caspase-3 Regulates YAP-Dependent Cell Proliferation and Organ Size.** *Molecular cell*
Yosefzon, Y., Soteriou, D., Feldman, A., Kostic, L., Koren, E., Brown, S., Ankawa, R., Sedov, E., Glaser, F., Fuchs, Y.
2018; 70 (4): 573-587.e4
- **Isolation of Stem Cells and Progenitors from Mouse Epidermis.** *Current protocols in stem cell biology*
Kostic, L., Sedov, E., Soteriou, D., Yosefzon, Y., Fuchs, Y.
2017; 41: 1C.20.1-1C.20.11
- **Isolating Hair Follicle Stem Cells and Epidermal Keratinocytes from Dorsal Mouse Skin.** *Journal of visualized experiments : JoVE*
Soteriou, D., Kostic, L., Sedov, E., Yosefzon, Y., Steller, H., Fuchs, Y.
2016