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Ph.D. Student in Computational and Mathematical Engineering, admitted
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Publications

PUBLICATIONS

- **Immune Modulation by Personalized vs Standard Prehabilitation Before Major Surgery: A Randomized Clinical Trial.** *JAMA surgery*
Cambriel, A., Tsai, A., Choisy, B., Sabayev, M., Hedou, J., Shelton, E., Singh, K., Amar, J., Badea, V., Bruckman, S., Ganio, E., Einhaus, J., Feyaerts, et al
2025
- **Single-cell-level digital twins for preterm birth prevention strategies.** *bioRxiv : the preprint server for biology*
Einhaus, J., Neidlinger, P., Fondeur, O., Sato, M., Anronikov, A., Miyazaki, K., Amar, J. N., Ando, K., Badea, V., Gaudilliere, D. K., Sabayev, M., Feyaerts, D., Diop, et al
2025
- **Systemic Immune Dysregulation Induced by Preeclampsia Persists Years After Delivery**
Sabayev, M., Feyaerts, D., Edward, G. A., Ina, S., Sato, M., Cambriel, A., Bonham, T., Mihalic, Z. N., Diop, M., Iyer, P., Sedan, O., Aghaeepour, N., Angst, et al
SPRINGER HEIDELBERG.2025: 98A-99A
- **Infusion of young donor plasma components in older patients modifies the immune and inflammatory response to surgical tissue injury: a randomized clinical trial.** *Journal of translational medicine*
Gaudilliere, B., Xue, L., Tsai, A. S., Gao, X., McAllister, T. N., Tingle, M., Porras, G., Feinstein, I., Feyaerts, D., Verdonk, F., Sabayev, M., Hedou, J., Ganio, et al
2025; 23 (1): 183
- **An immune signature of postoperative cognitive decline: A prospective cohort study.** *International journal of surgery (London, England)*
Verdonk, F., Cambriel, A., Hedou, J., Ganio, E., Bellan, G., Gaudilliere, D., Einhaus, J., Sabayev, M., Stelzer, I. A., Feyaerts, D., Bonham, A. T., Ando, K., Choisy, et al
2024
- **Discovery of sparse, reliable omic biomarkers with Stabl.** *Nature biotechnology*
Hédou, J., Marić, I., Bellan, G., Einhaus, J., Gaudillière, D. K., Ladant, F. X., Verdonk, F., Stelzer, I. A., Feyaerts, D., Tsai, A. S., Ganio, E. A., Sabayev, M., Gillard, et al
2024
- **Spatial subsetting enables integrative modeling of oral squamous cell carcinoma multiplex imaging data.** *iScience*
Einhaus, J., Gaudilliere, D. K., Hedou, J., Feyaerts, D., Ozawa, M. G., Sato, M., Ganio, E. A., Tsai, A. S., Stelzer, I. A., Bruckman, K. C., Amar, J. N., Sabayev, M., Bonham, et al
2023; 26 (12): 108486