



## Emma Kaeller Lundberg

- Visiting Associate Professor, Genetics
- Visiting Associate Professor, Genetics

### Bio

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#### ACADEMIC APPOINTMENTS

- Visiting Associate Professor, Genetics

### Publications

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#### PUBLICATIONS

- **Spatial proteomics: a powerful discovery tool for cell biology** *NATURE REVIEWS MOLECULAR CELL BIOLOGY*  
Lundberg, E., Borner, G. H.  
2019; 20 (5): 285–302
- **Voices in methods development.** *Nature methods*  
Anikeeva, P., Boyden, E., Brangwynne, C., Cissé, I. I., Fiehn, O., Fromme, P., Gingras, A. C., Greene, C. S., Heard, E., Hell, S. W., Hillman, E., Jensen, G. J., Karchin, et al  
2019; 16 (10): 945–51
- **Deep learning is combined with massive-scale citizen science to improve large-scale image classification** *NATURE BIOTECHNOLOGY*  
Sullivan, D. P., Winsnes, C. F., Akesson, L., Hjelmare, M., Wiking, M., Schutten, R., Campbell, L., Leifsson, H., Rhodes, S., Nordgren, A., Smith, K., Revaz, B., Finnbogason, et al  
2018; 36 (9): 820+
- **How many human proteoforms are there?** *Nature chemical biology*  
Aebersold, R., Agar, J. N., Amster, I. J., Baker, M. S., Bertozzi, C. R., Boja, E. S., Costello, C. E., Cravatt, B. F., Fenselau, C., Garcia, B. A., Ge, Y., Gunawardena, J., Hendrickson, et al  
2018; 14 (3): 206–14
- **The Human Cell Atlas** *ELIFE*  
Regev, A., Teichmann, S. A., Lander, E. S., Amt, I., Benoist, C., Birney, E., Bodenmiller, B., Campbell, P., Carninci, P., Clatworthy, M., Clevers, H., Deplancke, B., Dunham, et al  
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- **A comprehensive structural, biochemical and biological profiling of the human NUDIX hydrolase family** *NATURE COMMUNICATIONS*  
Carreras-Puigvert, J., Zitnik, M., Jemth, A., Carter, M., Unterlass, J. E., Hallstrom, B., Loseva, O., Karem, Z., Calderon-Montano, J., Lindskog, C., Edqvist, P., Matuszewski, D. J., Blal, et al  
2017; 8: 1541
- **A proposal for validation of antibodies** *NATURE METHODS*  
Uhlen, M., Bandrowski, A., Carr, S., Edwards, A., Ellenberg, J., Lundberg, E., Rimm, D. L., Rodriguez, H., Hiltke, T., Snyder, M., Yamamoto, T.  
2016; 13 (10): 823-?
- **Voices of biotech.** *Nature biotechnology*  
Amit, I., Baker, D., Barker, R., Berger, B., Bertozzi, C., Bhatia, S., Biffi, A., Demichelis, F., Doudna, J., Dowdy, S. F., Endy, D., Helmstaedter, M., Junca, et al

2016; 34 (3): 270-275

- **A Chromosome-centric Human Proteome Project (C-HPP) to Characterize the Sets of Proteins Encoded in Chromosome 17** *JOURNAL OF PROTEOME RESEARCH*

Liu, S., Im, H., Bairoch, A., Cristofanilli, M., Chen, R., Deutsch, E. W., Dalton, S., Fenyo, D., Fanayan, S., Gates, C., Gaudet, P., Hincapie, M., Hanash, et al  
2013; 12 (1): 45-57