



## Gina Bouchard

Instructor, Biomedical Data Science

### Bio

---

#### ACADEMIC APPOINTMENTS

- Instructor, Biomedical Data Science

### Publications

---

#### PUBLICATIONS

- **Role of spatially distinct tumor fibroblast in erlotinib resistance**  
Bouchard, G., Plevritis, S. K.  
AMER ASSOC CANCER RESEARCH.2022
- **Role of spatially distinct tumor fibroblast in erlotinib resistance.**  
Bouchard, G., Plevritis, S. K.  
AMER ASSOC CANCER RESEARCH.2022
- **Multi-omics analysis of spatially distinct stromal cells reveals tumor-induced O-glycosylation of the CDK4-pRB axis in fibroblasts at the invasive tumor edge.** *Cancer research*  
Bouchard, G., Garcia-Marques, F. J., Karacosta, L. G., Zhang, W., Bermudez, A., Riley, N. M., Varma, S., Mehl, L. C., Benson, J. A., Shrager, J. B., Bertozzi, C. R., Pitteri, S. J., Giaccia, et al  
2021
- **A human lung tumor microenvironment interactome identifies clinically relevant cell-type cross-talk.** *Genome biology*  
Gentles, A. J., Hui, A. B., Feng, W. n., Azizi, A. n., Nair, R. V., Bouchard, G. n., Knowles, D. A., Yu, A. n., Jeong, Y. n., Bejnood, A. n., Forgó, E. n., Varma, S. n., Xu, et al  
2020; 21 (1): 107
- **Sparse discriminative latent characteristics for predicting cancer drug sensitivity from genomic features.** *PLoS computational biology*  
Knowles, D. A., Bouchard, G., Plevritis, S.  
2019; 15 (5): e1006743
- **GFPT2-expressing cancer-associated fibroblasts mediate metabolic reprogramming in human lung adenocarcinoma.** *Cancer research*  
Zhang, W., Bouchard, G., Yu, A., Shafiq, M., Jamali, M., Shrager, J. B., Ayers, K., Bakr, S., Gentles, A. J., Diehn, M., Quon, A., West, R. B., Nair, et al  
2018