

# Stanford

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## Farshad Farshidfar

Postdoctoral Research Fellow, Stem Cell Biology and Regenerative Medicine

 Curriculum Vitae available Online

### Bio

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#### HONORS AND AWARDS

- Arnie Charbonneau Cancer Research Postdoctoral Fellowship, University of Calgary (2017)
- Howard Research Excellence Award, Charbonneau Cancer Research Institute (2018)

#### PROFESSIONAL EDUCATION

- Doctor of Medicine, Tehran University of Medical Sciences (2008)
- Doctor of Philosophy, University of Calgary (2016)

#### STANFORD ADVISORS

- Aaron Newman, Postdoctoral Research Mentor
- Aaron Newman, Postdoctoral Faculty Sponsor

#### LINKS

- Google Scholar: <https://scholar.google.ca/citations?user=VeaJtUYAAAAJ&hl=en>

### Research & Scholarship

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#### LAB AFFILIATIONS

- Aaron Newman (9/10/2018)

### Publications

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#### PUBLICATIONS

- **The Immune Landscape of Cancer.** *Immunity*  
Thorsson, V., Gibbs, D. L., Brown, S. D., Wolf, D., Bortone, D. S., Ou Yang, T., Porta-Pardo, E., Gao, G. F., Plaisier, C. L., Eddy, J. A., Ziv, E., Culhane, A. C., Paull, et al  
2019; 51 (2): 411–12
- **Type 3 inositol 1,4,5-trisphosphate receptor is increased and enhances malignant properties in cholangiocarcinoma.** *Hepatology (Baltimore, Md.)*  
Ueasilamongkol, P., Khamphaya, T., Guerra, M. T., Rodrigues, M., Gomes, D. A., Kong, Y., Wei, W., Jain, D., Trampert, D. C., Ananthanarayanan, M., Banales, J. M., Roberts, L. R., Farshidfar, et al  
2019
- **Host phenotype is associated with reduced survival independent of tumour biology in patients with colorectal liver metastases.** *Journal of cachexia, sarcopenia and muscle*  
van Dijk, D. P., Krill, M., Farshidfar, F., Li, T., Rensen, S. S., Olde Damink, S. W., Dixon, E., Sutherland, F. R., Ball, C. G., Mazurak, V. C., Baracos, V. E., Bathe, O. F.

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2019; 10 (1): 123–30

- **Gas Chromatography-Mass Spectrometry and Analysis of the Serum Metabolomic Profile Through Extraction and Derivatization of Polar Metabolites.** *Methods in molecular biology (Clifton, N.J.)*

Rattner, J., Farshidfar, F., Bathe, O. F.

2019; 1928: 235–49

- **A strategy for early detection of response to chemotherapy drugs based on treatment-related changes in the metabolome.** *PloS one*

Amin, S., Rattner, J., Keramati, M. R., Farshidfar, F., McNamara, M. G., Knox, J. J., Kopciuk, K., Vogel, H. J., Bathe, O. F.

2019; 14 (4): e0213942

- **The Immune Landscape of Cancer** *IMMUNITY*

Thorsson, V., Gibbs, D. L., Brown, S. D., Wolf, D., Bortone, D. S., Yang, T., Porta-Pardo, E., Gao, G. F., Plaisier, C. L., Eddy, J. A., Ziv, E., Culhane, A. C., Paull, et al

2018; 48 (4): 812–+

- **Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas** *CANCER CELL*

Liu, Y., Sethi, N. S., Hinoue, T., Schneider, B. G., Cherniack, A. D., Sanchez-Vega, F., Seoane, J. A., Farshidfar, F., Bowlby, R., Islam, M., Kim, J., Chatila, W., Akbani, et al

2018; 33 (4): 721–+

- **Molecular Characterization and Clinical Relevance of Metabolic Expression Subtypes in Human Cancers.** *Cell reports*

Peng, X., Chen, Z., Farshidfar, F., Xu, X., Lorenzi, P. L., Wang, Y., Cheng, F., Tan, L., Mojumdar, K., Du, D., Ge, Z., Li, J., Thomas, et al

2018; 23 (1): 255–69.e4

- **A Framework for Development of Useful Metabolomic Biomarkers and Their Effective Knowledge Translation.** *Metabolites*

Marchand, C. R., Farshidfar, F., Rattner, J., Bathe, O. F.

2018; 8 (4)

- **A quantitative multimodal metabolomic assay for colorectal cancer.** *BMC cancer*

Farshidfar, F., Kopciuk, K. A., Hilsden, R., McGregor, S. E., Mazurak, V. C., Buie, W. D., MacLean, A., Vogel, H. J., Bathe, O. F.

2018; 18 (1): 26

- **Integrative Genomic Analysis of Cholangiocarcinoma Identifies Distinct IDH-Mutant Molecular Profiles.** *Cell reports*

Farshidfar, F., Zheng, S., Gingras, M. C., Newton, Y., Shih, J., Robertson, A. G., Hinoue, T., Hoadley, K. A., Gibb, E. A., Roszik, J., Covington, K. R., Wu, C. C., Shinbrot, et al

2017; 19 (13): 2878–80

- **A validated metabolomic signature for colorectal cancer: exploration of the clinical value of metabolomics** *BRITISH JOURNAL OF CANCER*

Farshidfar, F., Weljie, A. M., Kopciuk, K. A., Hilsden, R., Mcgregor, S. e., Buie, W. D., MacLean, A., Vogel, H. J., Bathe, O. F.

2016; 115 (7): 848-857