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Instructor, Obstetrics & Gynecology - Gynecologic Oncology

Bio

ACADEMIC APPOINTMENTS

- Instructor, Obstetrics & Gynecology - Gynecologic Oncology

Publications

PUBLICATIONS

- **OMENTAL MACROPHAGES REGULATE OVARIAN CANCER METASTATIC COLONIZATION THROUGH THE CCL6-CCR1 SIGNALING AXIS**
Krishnan, V., Tallapragada, S., Schaar, B., Chanana, A., Rinker-Schaeffer, C., Dorigo, O.
AMER ASSOC CANCER RESEARCH.2019: 162
- **THE HYPOXIC TUMOR-MESOTHELIAL NICHE PROMOTES OVARIAN CANCER METASTASIS THROUGH COLLAGEN REMODELING**
Natarajan, S., Foreman, K., Soriano, M., Shehade, H., Fregoso, D., Eggold, J., Rosen, N. S., Heilshorn, S., Krieg, A. J., Krishnan, V., Dorigo, O., Sinha, S., Fuh, et al
AMER ASSOC CANCER RESEARCH.2019: 168
- **Quantitative super-resolution microscopy of the mammalian glycocalyx**
Mockl, L., Pedram, K., Roy, A., Krishnan, V., Gustavsson, A., Dorigo, O., Bertozzi, C., Moerner, W.
AMER CHEMICAL SOC.2019
- **CD24 signalling through macrophage Siglec-10 is a target for cancer immunotherapy.** *Nature*
Barkal, A. A., Brewer, R. E., Markovic, M., Kowarsky, M., Barkal, S. A., Zaro, B. W., Krishnan, V., Hatakeyama, J., Dorigo, O., Barkal, L. J., Weissman, I. L.
2019
- **Collagen Remodeling in the Hypoxic Tumor-Mesothelial Niche Promotes Ovarian Cancer Metastasis** *CANCER RESEARCH*
Natarajan, S., Foreman, K. M., Soriano, M., Rossen, N. S., Shehade, H., Fregoso, D. R., Eggold, J. T., Krishnan, V., Dorigo, O., Krieg, A. J., Heilshorn, S. C., Sinha, S., Fuh, et al
2019; 79 (9): 2271–84
- **The mucin-selective protease StcE enables molecular and functional analysis of human cancer-associated mucins** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Malaker, S. A., Pedram, K., Ferracane, M. J., Bensing, B. A., Krishnan, V., Pett, C., Yu, J., Woods, E. C., Kramer, J. R., Westerlind, U., Dorigo, O., Bertozzi, C. R.
2019; 116 (15): 7278–87
- **Quantitative Super-Resolution Microscopy of the Mammalian Glycocalyx.** *Developmental cell*
Möckl, L., Pedram, K., Roy, A. R., Krishnan, V., Gustavsson, A. K., Dorigo, O., Bertozzi, C. R., Moerner, W. E.
2019
- **Omentum immune microenvironment: Metastatic niche for ovarian cancer**
Krishnan, V., Raju, P. A., Vierkoetter, K., Patel, S., Youngunipatkul, J., Tallapragada, S., Schaar, B., Folkins, A. K., Herzenberg, L. A., Dorigo, O.
AMER ASSOC CANCER RESEARCH.2018

- **Tumor associated macrophages in gynecologic cancers.** *Gynecologic oncology*
Krishnan, V., Schaar, B., Tallapragada, S., Dorigo, O.
2018
- **Cell-based immunotherapy in gynecologic malignancies.** *Current opinion in obstetrics & gynecology*
Schaar, B., Krishnan, V., Tallapragada, S., Dorigo, O.
2018; 30 (1): 23–30
- **Imaging of Tumor-Associated Macrophages in a Transgenic Mouse Model of Orthotopic Ovarian Cancer.** *Molecular imaging and biology*
He, H., Chiu, A. C., Kanada, M., Schaar, B. T., Krishnan, V., Contag, C. H., Dorigo, O.
2017
- **Immunotherapy in ovarian cancer** *CURRENT PROBLEMS IN CANCER*
Krishnan, V., Berek, J. S., Dorigo, O.
2017; 41 (1): 48-63
- **In Vivo and Ex Vivo Approaches to Study Ovarian Cancer Metastatic Colonization of Milky Spot Structures in Peritoneal Adipose.** *Journal of visualized experiments : JoVE*
Krishnan, V., Clark, R., Chekmareva, M., Johnson, A., George, S., Shaw, P., Seewaldt, V., Rinker-Schaeffer, C.
2015
- **Milky Spots Promote Ovarian Cancer Metastatic Colonization of Peritoneal Adipose in Experimental Models** *AMERICAN JOURNAL OF PATHOLOGY*
Clark, R., Krishnan, V., Schoof, M., Rodriguez, I., Theriault, B., Chekmareva, M., Rinker-Schaeffert, C.
2013; 183 (2): 576-591
- **Using MKK4's metastasis suppressor function to identify and dissect cancer cell-microenvironment interactions during metastatic colonization** *CANCER AND METASTASIS REVIEWS*
Krishnan, V., Stadick, N., Clark, R., Bainer, R., Veneris, J. T., Khan, S., Drew, A., Rinker-Schaeffer, C.
2012; 31 (3-4): 605-613