

# Stanford

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## Oliver Dorigo, M.D., Ph.D.

Mary Lake Polan Professor

Obstetrics & Gynecology - Gynecologic Oncology

### CLINICAL OFFICES

- **Stanford Women's Cancer Center**

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Palo Alto, CA 94304

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Helen Wong - Administrative Assistant

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### Bio

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### CLINICAL FOCUS

- Cancer > Gynecologic Cancer
- Gynecologic Oncology

### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Obstetrics & Gynecology - Gynecologic Oncology
- Member, Bio-X
- Member, Stanford Cancer Institute

### ADMINISTRATIVE APPOINTMENTS

- Director, Stanford Gynecologic Oncology Fellowship, (2016- present)
- Director, Stanford Clinical Research Group for Gynecologic Cancer Trials, (2014- present)
- Director, Stanford Gynecologic Oncology Clinical Care Program, (2013- present)
- Director, Mary Lake Polan Gynecologic Oncology Research Laboratory, (2013- present)
- Director, Stanford Obstetrics and Gynecology, Division of Gynecologic Oncology, (2013- present)

### HONORS AND AWARDS

- American Association of Cancer Research Outstanding Poster Award, Toronto, Canada, American Association of Cancer Research, Toronto, Canada (1995)
- Outstanding Podium Presentation Award, National Gynecologic Oncology Fellow's Forum (2004)
- Teaching Award, National Council on Resident Education in Obstetrics and Gynecology (2007)
- STOP Cancer Career Development Award, STOP Cancer (2008)
- OB/GYN Resident Teaching Award, University of California, Los Angeles (2008)

### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Society of Pelvic Surgeons (2016 - present)

- Member, American Association of Cancer Research (1996 - present)
- Member, American Gynecological and Obstetrical Society (2016 - present)
- Member, Society of Gynecologic Investigations (2000 - present)
- Member, American Society of Gene Therapy (2000 - present)
- Member, Society of Gynecologic Oncology (2005 - present)
- Member, Gynecologic Oncology Group (2005 - present)

## PROFESSIONAL EDUCATION

- Fellowship: UCLA Medical Center Obstetrics and Gynecology Fellowships (2005) CA
- Residency: UCLA Medical Center Obstetrics and Gynecology Residency (1999) CA
- Medical Education: University of Heidelberg (1989) Germany
- Board Certification: Gynecologic Oncology, American Board of Obstetrics and Gynecology (2008)
- Board Certification: Obstetrics and Gynecology, American Board of Obstetrics and Gynecology (2006)
- PhD, University of California, Los Angeles , Molecular Biology (2003)
- Residency: Ludwig Maximillians University (1992) Germany

## LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CLINICAL TRIALS

- Study of CRX100 in Patients With Advanced Solid Tumors, Recruiting
- A Maintenance Study With Niraparib Versus Placebo in Patients With Platinum Sensitive Ovarian Cancer, Not Recruiting
- A Study of Atezolizumab Versus Placebo in Combination With Paclitaxel, Carboplatin, and Bevacizumab in Participants With Newly-Diagnosed Stage III or Stage IV Ovarian, Fallopian Tube, or Primary Peritoneal Cancer, Not Recruiting
- A Study of Niraparib in Patients With Ovarian Cancer Who Have Received Three or Four Previous Chemotherapy Regimens, Not Recruiting
- A Study of Sapanisertib, Combination of Sapanisertib With MLN1117, Paclitaxel and Combination of Sapanisertib With Paclitaxel in Women With Endometrial Cancer, Not Recruiting
- Acalabrutinib (ACP-196) Alone and in Combination With Pembrolizumab in Ovarian Cancer (KEYNOTE191), Not Recruiting
- Alpelisib Plus Olaparib in Platinum-resistant/Refractory, High-grade Serous Ovarian Cancer, With no Germline BRCA Mutation Detected, Not Recruiting
- Bintrafusp Alfa Monotherapy in Platinum-Experienced Cervical Cancer, Not Recruiting
- Clinical Trial of Lurbinectedin (PM01183) in Platinum Resistant Ovarian Cancer Patients, Not Recruiting
- CT Antigen TCR-redirected T Cells for Ovarian Cancer., Not Recruiting
- Cvac as Maintenance Treatment in Patients With Epithelial Ovarian Cancer in Complete Remission Following First-line Chemotherapy or Second-line Treatment, Not Recruiting
- Feasibility Study of New Method of Diagnostic and Prediction of Painful CIPN, Not Recruiting
- Health and Recovery Program in Increasing Physical Activity Level in Stage IA-III A Endometrial Cancer Survivors, Not Recruiting
- Olaparib Maintenance Monotherapy in Patients With BRCA Mutated Ovarian Cancer Following First Line Platinum Based Chemotherapy., Not Recruiting
- Paclitaxel and Carboplatin With or Without Metformin Hydrochloride in Treating Patients With Stage III, IV, or Recurrent Endometrial Cancer, Not Recruiting
- Safety and Efficacy of CRS-207 With Epcadostat in Platinum Resistant Ovarian, Fallopian or Peritoneal Cancer, Not Recruiting
- Safety, Tolerability & Potential Anti-cancer Activity of Increasing Doses of AZD5363 in Different Treatment Schedules, Not Recruiting
- Study of DPX-Survivac Therapy in Patients With Recurrent Ovarian Cancer, Not Recruiting

- Trametinib in Treating Patients With Recurrent or Progressive Low-Grade Ovarian Cancer or Peritoneal Cavity Cancer, Not Recruiting
- Veliparib With Carboplatin and Paclitaxel and as Continuation Maintenance Therapy in Adults With Newly Diagnosed Stage III or IV, High-grade Serous, Epithelial Ovarian, Fallopian Tube, or Primary Peritoneal Cancer, Not Recruiting

## Teaching

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### STANFORD ADVISEES

#### Postdoctoral Faculty Sponsor

Huyen Pham

## Publications

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### PUBLICATIONS

- **Macrophage-derived CCL23 upregulates expression of T-cell exhaustion markers in ovarian cancer.** *British journal of cancer*  
Kamat, K., Krishnan, V., Dorigo, O.  
2022
- **Omental macrophages secrete chemokine ligands that promote ovarian cancer colonization of the omentum via CCR1.** *Communications biology*  
Krishnan, V., Tallapragada, S., Schaar, B., Kamat, K., Chanana, A. M., Zhang, Y., Patel, S., Parkash, V., Rinker-Schaeffer, C., Folkins, A. K., Rankin, E. B., Dorigo, O.  
2020; 3 (1): 524
- **Aberrant nuclear  $\beta$ -catenin distribution does not prognosticate recurrences of endometrioid endometrial cancers - A retrospective single-institutional study.** *Gynecologic oncology*  
Beshar, I., Moon, A. S., Darji, H., Liu, C., Jennings, M. T., Dorigo, O., Litkouhi, B., Diver, E. J., Karam, A. K., Howitt, B. E., Renz, M.  
2023; 179: 85-90
- **Does lymph node assessment change the prognostic significance of substantial LVSI and p53 status in endometrial endometrioid carcinoma?** *Gynecologic oncology*  
Hui, C., Mendoza, M. G., von Eyben, R., Dorigo, O., Litkouhi, B., Renz, M., Karam, A., Hammer, P. M., Howitt, B. E., Kidd, E.  
2023; 177: 150-156
- **Adjuvant radiation therapy in early-stage endometrial cancer with abnormal beta-catenin expression is associated with improved local control.** *Gynecologic oncology*  
Hui, C., Mendoza, M. G., Snyder, J., Dorigo, O., Litkouhi, B., Renz, M., Karam, A., Devereaux, K., Howitt, B. E., Kidd, E. A.  
2023; 174: 42-48
- **Maveropepimut-S, a DPX-based immune-educating therapy, shows promising and durable clinical benefit in patients with recurrent ovarian cancer, a phase 2 trial.** *Clinical cancer research : an official journal of the American Association for Cancer Research*  
Dorigo, O., Oza, A. M., Pejovic, T., Ghatage, P., Ghamande, S., Provencher, D., MacDonald, L. D., Torrey, H., Kaliaperumal, V., Ebrahimzadeh, W., Hirsch, H. A., Bramhecha, Y., Vilella, et al  
2023
- **Monocytes - A Promising New TRAIL in Ovarian Cancer Cell Therapy.** *Clinical cancer research : an official journal of the American Association for Cancer Research*  
Chow, S., Dorigo, O.  
2022
- **ASO Visual Abstract: Impact of BRCA Mutation Status on Tumor Dissemination Pattern, Surgical Outcome, and Patient Survival in Primary and Recurrent High-Grade Serous Ovarian Cancer (HGSOC). A Multicenter, Retrospective Study of the Ovarian Cancer Therapy-Innovative Models Prolong Survival (OCTIPS) Consortium.** *Annals of surgical oncology*  
Glajzer, J., Castillo-Tong, D. C., Richter, R., Vergote, I., Kulbe, H., Vanderstichele, A., Ruscito, I., Trillsch, F., Mustea, A., Kreuzinger, C., Gourley, C., Gabra, H., Taube, et al  
2022
- **Impact of BRCA Mutation Status on Tumor Dissemination Pattern, Surgical Outcome and Patient Survival in Primary and Recurrent High-Grade Serous Ovarian Cancer: A Multicenter Retrospective Study by the Ovarian Cancer Therapy-Innovative Models Prolong Survival (OCTIPS) Consortium.** *Annals of surgical oncology*

- Glajzer, J., Castillo-Tong, D. C., Richter, R., Vergote, I., Kulbe, H., Vanderstichele, A., Ruscito, I., Trillsch, F., Mustea, A., Kreuzinger, C., Gourley, C., Gabra, H., Taube, et al  
2022
- **Clinical research in ovarian cancer: consensus recommendations from the Gynecologic Cancer InterGroup.** *The Lancet. Oncology*  
Vergote, I., Gonzalez-Martin, A., Lorusso, D., Gourley, C., Mirza, M. R., Kurtz, J., Okamoto, A., Moore, K., Kridelka, F., McNeish, I., Reuss, A., Votan, B., du Bois, et al  
2022; 23 (8): e374-e384
  - **Technetium Tc 99m tilmanocept fails to detect sentinel lymph nodes in endometrial cancer.** *Gynecologic oncology reports*  
Reddy, R. A., Moon, A. S., Chow, S., Heilbroner, L., Howitt, B., Diver, E., Dorigo, O., Litkouhi, B., Renz, M., Karam, A.  
2022; 43: 101054
  - **Revealing the human mucinome.** *Nature communications*  
Malaker, S. A., Riley, N. M., Shon, D. J., Pedram, K., Krishnan, V., Dorigo, O., Bertozzi, C. R.  
2022; 13 (1): 3542
  - **Predictive biomarker for surgical outcome in patients with advanced primary high-grade serous ovarian cancer. Are we there yet? An analysis of the prospective biobank for ovarian cancer.** *Gynecologic oncology*  
Keunecke, C., Kulbe, H., Dreher, F., Taube, E. T., Chekerov, R., Horst, D., Hummel, M., Kessler, T., Pietzner, K., Kassuhn, W., Heitz, F., Muallem, M. Z., Lang, et al  
2022
  - **A phase 1 open label, first in human trial to study safety and tolerability of NK-T cells combined with vvDD: An accelerated dose escalation in multiple tumor types.**  
Dorigo, O., Contag, P., Moser, J., Patel, S., Frohlich, M. W.  
AMER ASSOC CANCER RESEARCH.2022
  - **Trametinib versus standard of care in patients with recurrent low-grade serous ovarian cancer (GOG 281/LOGS): an international, randomised, open-label, multicentre, phase 2/3 trial.** *Lancet (London, England)*  
Gershenson, D. M., Miller, A., Brady, W. E., Paul, J., Carty, K., Rodgers, W., Millan, D., Coleman, R. L., Moore, K. N., Banerjee, S., Connolly, K., Secord, A. A., O'Malley, et al  
2022; 399 (10324): 541-553
  - **Cell-based immunotherapies in gynecologic cancers.** *Current opinion in obstetrics & gynecology*  
Lang, S. M., Dorigo, O.  
1800; 34 (1): 10-14
  - **Trametinib versus standard of care in patients with recurrent low-grade serous ovarian cancer (GOG 281/LOGS): an international, randomised, open-label, multicentre, phase 2/3 trial** *LANCET*  
Gershenson, D. M., Miller, A., Brady, W. E., Paul, J., Carty, K., Rodgers, W., Millan, D., Coleman, R. L., Moore, K. N., Banerjee, S., Connolly, K., Secord, A., O'Malley, et al  
2022; 399 (10324): 541-553
  - **Trametinib versus standard of care in patients with recurrent low-grade serous ovarian cancer (GOG 281/LOGS): an international, randomised, open-label, multicentre, phase 2/3 trial** *LANCET*  
Gershenson, D. M., Miller, A., Brady, W. E., Paul, J., Carty, K., Rodgers, W., Millan, D., Coleman, R. L., Moore, K. N., Banerjee, S., Connolly, K., Secord, A., O'Malley, et al  
2022; 399 (10324): 541-553
  - **Evidence-Based Clinical Practice Guidelines for Extramammary Paget Disease.** *JAMA oncology*  
Kibbi, N., Owen, J. L., Worley, B., Wang, J. X., Harikumar, V., Downing, M. B., Aasi, S. Z., Aung, P. P., Barker, C. A., Bolotin, D., Bordeaux, J. S., Cartee, T. V., Chandra, et al  
2022
  - **Abdominopelvic FLASH Irradiation Improves PD-1 Immune Checkpoint Inhibition in Preclinical Models of Ovarian Cancer.** *Molecular cancer therapeutics*  
Eggold, J. T., Chow, S., Melemenidis, S., Wang, J., Natarajan, S., Loo, P. E., Manjappa, R., Viswanathan, V., Kidd, E. A., Engleman, E., Dorigo, O., Loo, B. W., Rankin, et al  
2021

- **IDENTIFICATION OF POTENTIAL RESPONSE PREDICTORS TO MAVEROPEPIMUT-S (DPX-SURVIVAC), A NOVEL T CELL ACTIVATING IMMUNOTHERAPY, IN PATIENTS WITH ADVANCED RECURRENT OVARIAN CANCER**  
Dorigo, O., Ebrahimizadeh, W., Kennedy, B., MacDonald, L., Fiset, S., Villella, J., Amit, O., Pejovic, T., Ghatage, P., Ghamande, S., Provencher, D., Bramhecha, Y.  
BMJ PUBLISHING GROUP.2021: A380
- **Phase II Trial Evaluating Efficacy of a Fitbit Program for Improving the Health of Endometrial Cancer Survivors**  
Rahimy, E., Usoz, M., von Eyben, R., Fujimoto, D., Watanabe, D., Karam, A., Jairam-Thodla, A., Mills, M., Dorigo, O., Diver, E., Teng, N., English, D., Kidd, et al  
LIPPINCOTT WILLIAMS & WILKINS.2021: S13
- **Cancer-associated mesothelial cells promote ovarian cancer chemoresistance through paracrine osteopontin signaling.** *The Journal of clinical investigation*  
Qian, J., LeSavage, B. L., Hubka, K. M., Ma, C., Natarajan, S., Eggold, J. T., Xiao, Y., Fuh, K. C., Krishnan, V., Enejder, A., Heilshorn, S. C., Dorigo, O., Rankin, et al  
2021; 131 (16)
- **Classification of molecular subtypes of high-grade serous ovarian cancer by MALDI-Imaging.**  
Kassuhn, W., Klein, O., Darb-Esfahani, S., Lammert, H., Handzik, S., Taube, E. T., Schmitt, W. D., Dorigo, O., Horst, D., Keunecke, C., Dreher, F., George, J., Bowtell, et al  
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Molecular and clinical determinants of response and resistance to rucaparib for recurrent ovarian cancer treatment in ARIEL2 (Parts 1 and 2).** *Nature communications*  
Swisher, E. M., Kwan, T. T., Oza, A. M., Tinker, A. V., Ray-Coquard, I., Oaknin, A., Coleman, R. L., Aghajanian, C., Konecny, G. E., O'Malley, D. M., Leary, A., Provencher, D., Welch, et al  
2021; 12 (1): 2487
- **Long-term efficacy of megestrol acetate and tamoxifen in a recurrent adult granulosa cell tumor of the ovary.** *Gynecologic oncology reports*  
Moon, A. S., Dorigo, O.  
2021; 36: 100770
- **Classification of Molecular Subtypes of High-Grade Serous Ovarian Cancer by MALDI-Imaging.** *Cancers*  
Kassuhn, W., Klein, O., Darb-Esfahani, S., Lammert, H., Handzik, S., Taube, E. T., Schmitt, W. D., Keunecke, C., Horst, D., Dreher, F., George, J., Bowtell, D. D., Dorigo, et al  
2021; 13 (7)
- **Phase II trial evaluating efficacy of a Fitbit program for improving the health of endometrial cancer survivors.** *Gynecologic oncology*  
Rahimy, E. n., Usoz, M. n., von Eyben, R. n., Fujimoto, D. n., Watanabe, D. n., Karam, A. n., Jairam-Thodla, A. n., Mills, M. n., Dorigo, O. n., Diver, E. J., Teng, N. n., English, D. n., Kidd, et al  
2021
- **Prospective molecular classification of endometrial carcinomas: institutional implementation, practice, and clinical experience.** *Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc*  
Devereaux, K. A., Weiel, J. J., Pors, J., Steiner, D. F., Ho, C., Charu, V., Suarez, C. J., Renz, M., Diver, E., Karam, A., Litkouhi, B., Dorigo, O., Kidd, et al  
2021
- **Cell-based immunotherapy in gynecologic malignancies.** *Current opinion in obstetrics & gynecology*  
Kamat, K., Krishnan, V., Berek, J. S., Dorigo, O.  
2020
- **An enzymatic toolkit for selective proteolysis, detection, and visualization of mucin-domain glycoproteins**  
Shon, D., Malaker, S. A., Pedram, K., Yang, E., Krishnan, V., Dorigo, O., Bertozzi, C. R.  
OXFORD UNIV PRESS INC.2020: 1111–12
- **Development of Therapeutic Vaccines for Ovarian Cancer.** *Vaccines*  
Chow, S., Berek, J. S., Dorigo, O.  
2020; 8 (4)
- **FLASH irradiation enhances the therapeutic index of abdominal radiotherapy in mice**  
Natarajan, S., Levy, K., Wang, J., Chow, S., Eggold, J., Loo, P., Manjappa, R., Lartey, F. M., Schuler, E., Skinner, L., Rafat, M., Ko, R., Kim, et al  
AMER ASSOC CANCER RESEARCH.2020

- **Total abdominal ultra-rapid FLASH irradiation enhances the efficacy of PD-1 inhibition in preclinical models of ovarian cancer**  
Chow, S., Eggold, J. T., Levy, K., Wang, J., Manjappa, R., Breikreutz, D. Y., Yu, A. S., Bush, K., Dorigo, O., Loo, B. W., Rankin, E. B.  
AMER ASSOC CANCER RESEARCH.2020
- **Minimally Invasive Surgery for Gynecologic Cancers-A Cautionary Tale.** *JAMA oncology*  
Karam, A., Dorigo, O.  
2020
- **Incorporating Parp-inhibitors in Primary and Recurrent Ovarian Cancer: A Meta-analysis of 12 phase II/III randomized controlled trials.** *Cancer treatment reviews*  
Ruscito, I., Bellati, F., Ray-Coquard, I., Mirza, M. R., du Bois, A., Gasparri, M. L., Costanzi, F., De Marco, M. P., Nuti, M., Caserta, D., Pignata, S., Dorigo, O., Shouli, et al  
2020; 87: 102040
- **Infiltration of tumor by T cells following treatment with DPX-Survivac and intermittent low dose cyclophosphamide (CPA) leads to clinical responses in advanced recurrent ovarian cancer (OvCa).**  
Dorigo, O., MacDonald, L., Schindler, J., Bramhecha, Y., Torrey, H., Kaliaperumal, V., Hrytsenko, O., Dirk, B., Patterson, K., Stanford, M., Fiset, S.  
AMER SOC CLINICAL ONCOLOGY.2020
- **DPX-Survivac, a novel T-cell immunotherapy, to induce robust T-cell responses in advanced ovarian cancer**  
Dorigo, O., Fiset, S., MacDonald, L., Bramhecha, Y., Hrytsenko, O., Dirk, B., Rosu, G., Stanford, M.  
AMER SOC CLINICAL ONCOLOGY.2020
- **Sentinel Lymph Node Biopsies in Endometrial Cancer: Practice Patterns among Gynecologic Oncologists in the United States** *JOURNAL OF MINIMALLY INVASIVE GYNECOLOGY*  
Renz, M., Diver, E., English, D., Kidd, E., Dorigo, O., Karam, A.  
2020; 27 (2): 482–88
- **Vulvar sarcoma outcomes by histologic subtype: a Surveillance, Epidemiology, and End Results (SEER) database review.** *International journal of gynecological cancer : official journal of the International Gynecological Cancer Society*  
Johnson, S. n., Renz, M. n., Wheeler, L. n., Diver, E. n., Dorigo, O. n., Litkouhi, B. n., Behbakht, K. n., Howitt, B. n., Karam, A. n.  
2020
- **An enzymatic toolkit for selective proteolysis, detection, and visualization of mucin-domain glycoproteins.** *Proceedings of the National Academy of Sciences of the United States of America*  
Shon, D. J., Malaker, S. A., Pedram, K. n., Yang, E. n., Krishnan, V. n., Dorigo, O. n., Bertozzi, C. R.  
2020
- **Abdominal FLASH irradiation reduces radiation-induced gastrointestinal toxicity for the treatment of ovarian cancer in mice.** *Scientific reports*  
Levy, K. n., Natarajan, S. n., Wang, J. n., Chow, S. n., Eggold, J. T., Loo, P. E., Manjappa, R. n., Melemenidis, S. n., Lartey, F. M., Schüler, E. n., Skinner, L. n., Rafat, M. n., Ko, et al  
2020; 10 (1): 21600
- **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
- **Gestational Trophoblastic Neoplasia, Version 2.2019** *JOURNAL OF THE NATIONAL COMPREHENSIVE CANCER NETWORK*  
Abu-Rustum, N. R., Yashar, C. M., Bean, S., Bradley, K., Campos, S. M., Chon, H., Chu, C., Cohn, D., Crispens, M., Damast, S., Dorigo, O., Eifel, P. J., Fisher, et al  
2019; 17 (11): 1374–91
- **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
- **ASCO 2019 meeting review.** *Journal of gynecologic oncology*  
Diver, E., Dorigo, O., Berek, J.  
2019; 30 (5): e107

- **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
- **C-C chemokine receptor type 1 is a prognostic indicator in ovarian cancer**  
Chanana, A. M., Krishnan, V., Tallapragada, S., Dorigo, O.  
AMER ASSOC CANCER RESEARCH.2019
- **DPX-Survivac and intermittent low-dose cyclophosphamide (CPA) with or without epacadostat (E) in the treatment of subjects with advanced recurrent epithelial ovarian cancer (DeCidE(1) trial): T cell responses and tumor infiltration correlate with tumor regression.**  
Tanyi, J., Dorigo, O., Oza, A. M., Strauss, J., Pejovic, T., Ghamande, S. A., Ghatage, P., Villella, J. A., Fiset, S., MacDonald, L., Hrytsenko, O., Stanford, M., Newton, et al  
AMER SOC CLINICAL ONCOLOGY.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
- **Collagen remodeling in the hypoxic tumor-mesothelial niche promotes ovarian cancer metastasis.** *Cancer research*  
Natarajan, S., Foreman, K. M., Soriano, M. I., 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
- **Quantitative Super-Resolution Microscopy of the Mammalian Glycocalyx.** *Developmental cell*  
Möckl, L. n., Pedram, K. n., Roy, A. R., Krishnan, V. n., Gustavsson, A. K., Dorigo, O. n., Bertozzi, C. R., Moerner, W. E.  
2019
- **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. n., Ferracane, M. J., Bensing, B. A., Krishnan, V. n., Pett, C. n., Yu, J. n., Woods, E. C., Kramer, J. R., Westerlind, U. n., Dorigo, O. n., Bertozzi, C. R.  
2019
- **Cervical Cancer, Version 3.2019, NCCN Clinical Practice Guidelines in Oncology.** *Journal of the National Comprehensive Cancer Network : JNCCN*  
Koh, W., Abu-Rustum, N. R., Bean, S., Bradley, K., Campos, S. M., Cho, K. R., Chon, H. S., Chu, C., Clark, R., Cohn, D., Crispens, M. A., Damast, S., Dorigo, et al  
2019; 17 (1): 64–84
- **Sentinel lymph node biopsies in endometrial cancer - practice patterns among Gynecologic Oncologists in the United States.** *Journal of minimally invasive gynecology*  
Renz, M. n., Diver, E. n., English, D. n., Kidd, E. n., Dorigo, O. n., Karam, A. n.  
2019
- **Immunotherapy in Gynecologic Cancers: What We Know Now and Where We Are Headed.** *American Society of Clinical Oncology educational book. American Society of Clinical Oncology. Annual Meeting*  
Levinson, K., Dorigo, O., Rubin, K., Moore, K.  
2019: e126–e140
- **A scalable filtration method for high throughput screening based on cell deformability.** *Lab on a chip*  
Gill, N. K., Ly, C., Nyberg, K. D., Lee, L., Qi, D., Tofig, B., Reis-Sobreiro, M., Dorigo, O., Rao, J., Wiedemeyer, R., Karlan, B., Lawrenson, K., Freeman, et al  
2018

- **Cell-based immunotherapy in gynecologic malignancies.** *Current opinion in obstetrics & gynecology*  
Schaar, B., Krishnan, V., Tallapragada, S., Chanana, A., Dorigo, O.  
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