

AMBER GONDA, M.S., PH.D
Assistant Professor

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Research Gate: https://www.researchgate.net/profile/Amber_Gonda

EDUCATION:

- 2013-2018:** **Ph.D. Anatomy**, Loma Linda University. Loma Linda, CA.
(Primary Investigator: Dr. Nathan R. Wall) Dissertation: Exosomal internalization by tumor cells is mediated by inhibitor of apoptosis protein, survivin.
- 2011-2013:** **M.S. Anatomy**-coursework. Loma Linda University. Loma Linda, CA.
- 2005-2006,**
2008-2010: Graduate special courses, non-degree seeking. University of Nevada, Reno, Reno, NV.
- 2000-2004:** **B.S., History**. Brigham Young University, Provo, UT.

RESEARCH POSITIONS:

- 2023-current** **Assistant Professor:** Brigham Young University, Provo UT
- 2021-2022** **Associate Project Scientist:** University of California, Irvine, Department of Surgery, Orange CA: PI—Maheswari Senthil
--Clinical and translational research focused on the development of models for therapeutic monitoring and diagnostic tools for gastrointestinal oncology and metastasis
--Animal model development (including patient-derived xenograft), microfluidics tumor modeling, exosome isolation and characterization, human and animal regulatory documentation (IRB, IACUC)
- 2019-2020** **Postdoctoral researcher:** Rutgers University, Department of Biomedical Engineering, New Brunswick NJ: PI/advisor—Prabhas V. Moghe, Vidya Ganapathy:
--Application of nanoparticles in cancer detection, treatment, and

surgical resection,
 --Pre-clinical mouse imaging for therapeutic/diagnostic studies,
 nanoparticle synthesis, optical (NIR/SWIR) imaging,
 bioinformatics, extracellular vesicle genetic characterization

2014-2018 **Doctoral work:** Loma Linda University, Department of Anatomy,
 Loma Linda CA: PI—Nathan R. Wall
 --Functional influence of exosomes in cancer
 --Exosome isolation and treatment, nanoparticle analysis (NTA,
 DLS, acetylcholinesterase assay), western blot, PCR, RNA
 isolation, cell culture, cell fixation and imaging, cell treatment,
 flow cytometry, membrane staining, subcellular fractionation,
 mouse cancer model studies, human blood and tissue handling and
 analysis, proteomic and genomic analysis

TEACHING EXPERIENCE:

2020 *Adult and Stem Cell Dynamics*, **Guest lecturer**, Molecular and
 Cellular Techniques, Stem Cell Technical Challenges

2017 Creation of study guide questions and material to supplement first-
 year medical anatomy curriculum

2015-2016 High school gross anatomy, **substitute teacher**

2014, 2016 PAST518/519: Anatomy for Physician Assistants I and II, **Guest
 lecturer**

2014 ANAT303: General and Oral Histology and Embryology, DH
 (dental hygiene), **Guest lecturer**

2013-2016 NGRD 575/576: Advanced Clinical Anatomy for the Nurse
 Anesthetist I/II, **Teaching assistant-laboratory**

2013-2014 ANAT 301: Head and Neck Anatomy, DH (dental hygiene), **Guest
 lecturer**

2012-2018 PAST518/519: Anatomy for Physician Assistants I and II,
Teaching assistant-laboratory

2012-2017 **Tutor—individual and group**, First year dental gross anatomy
 and histology of the head and neck, third year dental board
 preparation review of
 anatomy/histology/neuroanatomy/embryology, first year medical
 gross anatomy, occupational therapy neuroscience,
 communication sciences gross anatomy/math/neuroscience/exam
 prep, high school anatomy and basic biology, undergraduate U.S.
 history, elementary school math/English

2009-2010 ANAT233A/234A: Human Anatomy and Physiology I/II,
Teaching assistant/dissection assistant

COMMITTEES/EXTRACURRICULAR:

2022	Career Research Panelist —Annual Graduate Student Symposium, Loma Linda University
2019	Grant reviewer —Graduate Women in Science (GWIS) National Fellowship Program
2019	Judge --Graduate Student Symposium, Rutgers University
2016	Basic Sciences Program Choice Task Force, LLU
2015-2016	Basic Sciences Student Council Senior Class Representative, LLU
2015	IBGS 605 (weekly student seminar) Class Restructure Committee, LLU
2013, 2015, 2016	Graduate student Big Brother/Big Sister program—mentor, LLU
2014-2017	Department of Surgery Morbidity and Mortality Weekly Meetings, LLU

MENTORING:**Mentoree awards**

2023	<u>Oral presentations</u> , Advanced Cancer Therapies 2023 and Society of Surgical Oncology 2023 International Conference on Surgical Cancer Care. <i>Jingjing Yu</i> —Novel Vascularized Microtumor (VMT) Model Of Peritoneal Carcinomatosis (PC) With Mesothelial-Lined Chambers And Submesothelial Stroma That Mimic The Peritoneal Cavity
2022	<u>Oral presentations</u> , Society of Surgical Oncology 2022 International Conference on Surgical Cancer Care. <i>Jingjing Yu</i> —Exosome liquid biopsy in colon cancer utilizing RNA biomarkers: an initial analysis <i>Brittany Sullivan</i> —Peritoneal Carcinomatosis Vascularized Micro-tumor (VMT) as a Platform for Drug Testing <u>SURP Fellow Summer</u> , University of California, Irvine <i>Siddhant Pratap</i> —An in vitro patient derived vascularized micro-tumor (VMT) model recapitulates unique tumor-chemotherapy responses in gastrointestinal cancers <i>Aya Fattah</i> —Study of Plasma Exosomal-PD-L1 Expression in Gastrointestinal Cancers to Predict Response to Immune Checkpoint Inhibition
2021	<u>UROG Presentation</u> (poster), University of California, Irvine <i>Michael DeSouza</i> —Vascularized Micro-Tumor (VMT) as a Model for Peritoneal Carcinomatosis (PC) Novel Drug Testing

Mentoring

2021-2022	Primary mentor to 11 undergraduate students and 3 surgical residents, University of California, Irvine
2019-2021	Co-mentor to 4 undergraduate students and 3 doctoral

	students, Rutgers University
2013-2018	Co-mentor to 7 graduate students, 3 surgical oncology fellows and 4 medical students
2014-2018	Co-mentor for 9 participants in the LLU Center for Health Disparities and Molecular Medicine Summer research programs (ABC high school and UTP/BURP undergraduate)

PUBLICATIONS

Journal Articles

1. Yu J, Ostowari A, **Gonda A**, Mashayekhi K, Dayyani F, Hughes CCW, Senthil M. Exosomes as a Source of Biomarkers for Gastrointestinal Cancers. *Cancers* 2023, 15, 1263. <https://doi.org/10.3390/cancers15041263>
2. **Gonda A**, Senthil M. ASO Author Reflections: Liquid Biopsy in Gastrointestinal Malignancies--Role of Exosomes. *Ann Surg Oncol*. In press. 2023
3. Vallejos PA, **Gonda A**, Yu J, Sullivan BG, Ostowari A, Kwong ML, Choi A, Selleck MJ, Kabagwira J, Fuller RN, Gironda DJ, Levine EA, Hughes CCW, Wall NR, Miller LD, Senthil M. Plasma Exosome Gene Signature Differentiates Colon Cancer From Healthy Controls. *Ann of Surg Oncol*. In press, 2023.
4. Vallejos PA, Fuller RN, Kabagwira J, Kwong ML, **Gonda A**, McMullen JRW, Le N, Selleck MJ, Miller LD, Perry CC, Senthil M, Wall NR. Exosomal proteins as a source of biomarkers in colon cancer-derived peritoneal carcinomatosis - A pilot study. *Proteomics Clin Appl*. 2022 Oct 11:e2100085. doi: 10.1002/prca.202100085. Epub ahead of print. PMID: 36217952.
5. Sullivan BG, Lo A, Yu J, **Gonda A**, Dehkordi-Vakil F, Dayyani F, Senthil M. Circulating Tumor DNA is Unreliable to Detect Somatic Gene Alterations in Gastrointestinal Peritoneal Carcinomatosis. *Ann Surg Oncol*. 2023 Jan;30(1):278-284. doi: 10.1245/s10434-022-12399-y. Epub 2022 Aug 18. PMID: 35980549; PMCID: PMC9726669.
6. Yu J, Sullivan BG, Senthil GN, **Gonda A**, Dehkordi-Valdl F, Campos B, Dayyani F, Senthil M. Prevalence of Primary Liver Cancer is Affected by Place of Birth in Hispanic People Residing in the United States: All of Us Research Program Report. *The American Surgeon*. 2022 0(0) 1-7. Doi:10.1177/00031348221109465
7. **Gonda A**, Zhao N, Shah J, Siebert JN, Gunda S, Inan B, Kwon M, Libutti SK, Moghe PV, Francis NL, Ganapathy V. Extracellular vesicle molecular signatures characterize metastatic dynamicity in ovarian cancer. *Front Oncol*. 2021 Nov 18;11:718408. doi: 10.3389/fonc.2021.718408.
8. Bobadilla Mendez C, **Gonda A**, Shah JV, Siebert JN, Zhao X, He S, Riman RE, Tan MC, Moghe PV, Ganapathy V, Pierce M. Short-Wave Infrared Emitting Nanocomposites for Fluorescence-

Guided Surgery. *IEEE Journal of Selected Topics in Quantum Electronics*, doi: 10.1109/JSTQE.2021.3066895.

9. Kabagwira J, **Gonda A**, Vallejos PA, Babcock B, Langridge WH, Senthil M, Wall NR. Optimization of Blood Handling for Plasma Extracellular Vesicles Isolation. *J Nanopart Res* 23, 65 (2021). <https://doi.org/10.1007/s11051-021-05169-6>.
10. Ferguson Bennit, H.R; **Gonda, A.**; Kabagwira, J.; Oppegard, L.; Chi, D.; Licero Campbell, J.; De Leon, M.; Wall, N.R. Natural Killer Cell Phenotype and Functionality Affected by Exposure to Extracellular Survivin and Lymphoma-Derived Exosomes. *Int. J. Mol. Sci.* 2021,22:1255. <https://doi.org/10.3390/ijms22031255>
11. Shah JV, **Gonda A**, Pemmaraju R, Subash A, Bobadilla Mendez C, Berger M, Zhao X, He S, Riman RE, Tan MC, Pierce MC, Moghe PV, Ganapathy V. Shortwave Infrared-Emitting Theranostics for Breast Cancer Therapy Response. *Front Mol Biosci.* 2020 Oct 6;7:569415. doi: 10.3389/fmolb.2020.569415. eCollection 2020.
12. **Gonda A**, Zhao N, Shah JV, Calvelli HR, Kantamneni H, Francis NL, Ganapathy V. Engineering Tumor-Targeting nanoparticles as Vehicles for Precision Nanomedicine. *Med One.* 2019;4. doi:10.20900/mo.20190021 Epub 2019 Sep 30.
13. **Gonda A**, Kabagwira J, Senthil GN, Wall NR. Internalization of Exosomes through Receptor-Mediated Endocytosis. *Molecular Cancer Research.* 2019;17(2):337-347.
14. **Gonda A**, Kabagwira J, Senthil GN, Ferguson Bennit HR, Khan S, Wall NR. Exosomal survivin facilitates vesicle internalization. *Oncotarget.* 2018 Oct 9;9(79):34919-34934 doi:10.18632/oncotarget.26182.
15. De Necochea-Campion R, **Gonda A**, Kabagwira J, Mirshahidi S, Cao H, Reeves ME, Wall NR. A Practical Approach to Extracellular Vesicle Characterization Among Similar Biological Samples. *Biomed Phys Eng Express*, 2018;4:065013. doi: 10.1088/2057-1976/aad6d8.
16. Bennit HF, **Gonda A**, McMullen JRW, Kabagwira J, Wall NR. Peripheral blood cell interactions of cancer-derived exosomes affect immune function. *Cancer Microenviron.* 2019 Apr;12(1):29-35. doi: 10.1007/s12307-018-0209-1
17. Khan S, Simpson J, Lynch JC, Turay D, Mirshahidi S, **Gonda A**, Sanchez TW, Casiano CA, Wall NR. Racial differences in the expression of inhibitors of apoptosis (IAP) proteins in extracellular vesicles (EV) from prostate cancer patients. *PLOS ONE.* 2017 Oct 5;12(10):e0183122. doi: 10.1371/journal.pone.0183122.
18. Firek AA, Perez MN, **Gonda A**, Lei L, Munir I, Siemntal AA, Carr FE, Becerra BJ, DeLeon M, Khan S. Pathological Significance of a Novel Oncoprotein in Thyroid Cancer Progression. *Head and Neck.* 2017 Dec;39(12):2459-2469. doi:10.1002/hed.24913.
19. Moyron RB, **Gonda A**, Selleck MJ, Luo-Owen X, O'Callahan T, Garberoglio C, Turay D, Wall NR. Differential protein expression in exosomal samples taken from trauma patients. *Proteomics Clin Appl.* 2017 Sept;11(9-10). PMID:28544811. doi: 10.1002/prca.201700061
20. Bennit HF, **Gonda A**, Oppegard L, Chi D, Khan S, Wall NR. Uptake of lymphoma-derived exosomes by peripheral blood leukocytes. *Blood and Lymphatic Cancer: Targets and Therapy*, 2017 February 28;7:9-23.
21. Diaz Osterman CJ, **Gonda A**, Stiff TR, Sigaran U, Valenzuela MMA, Ferguson Bennit HR, Moyron RB, Khan S, Wall NR. Curcumin Induces Pancreatic Adenocarcinoma Cell Death via Reduction of the Inhibitors of Apoptosis. *Pancreas.* 2016 Jan;45(1):101-9. doi: 10.1097/MPA.0000000000000411.

22. Osterman CJ, Lynch JC, Leaf P, **Gonda A**, Ferguson Bennit HR, Griffiths D, Wall NR. Curcumin modulates pancreatic adenocarcinoma cell-derived exosomal function. *PLoS One*, 2015 Jul 15;10(7). doi: 10.1371/journal.pone.0132845.
23. Valenzuela MMA, Castro IV, **Gonda A**, Osterman CD, Jutzy JMS, Aspe JR, Khan S, Neideigh JW, Wall NR. Cell death in response to antimetabolites directed at ribonucleotide reductase and thymidylate synthase. *Oncotargets and Therapy*, 2015 Feb 26;8:495-507. doi: 10.2147/OTT.S79647.
24. Valenzuela MM, Ferguson Bennit HR, **Gonda A**, Diaz Osterman CJ, Hibma A, Khan S, Wall NR. Exosomes secreted from human cancer cell lines contain inhibitors of apoptosis (IAP). *Cancer Microenviron*. 8(2):65-73,2015. doi: 10.1007/s12307-015-0167-9.

Book Chapters

Gonda A, Moyron R, Kabagwira J, Vallejos PA, Wall NR. Cellular-Defined Microenvironmental Internalization of Exosomes. Book: Extracellular Vesicles. InTech Publishing, April 20, 2019. DOI: <http://dx.doi.org/10.5772/intechopen.86020>

PRESENTATIONS

- 2021** **Invited seminar talk.** *Unveiling the Hidden Tumor: Molecular Characterization of tumors*. Brigham Young University, Department of Cell Biology and Physiology.
- Invited seminar talk.** *Unveiling the Hidden Tumor: Nanoparticles in Cancer Diagnostics*. Loma Linda University, School of Medicine, Department of Basic Sciences
- 2020** **Invited seminar talk.** *Unveiling the Hidden Tumor: Nanoparticles in Cancer Diagnostics*. Brigham Young University Department of Physiology and Developmental Biology
- 2018** **Annual Basic Sciences Symposium**-poster and oral flash talk, Loma Linda University, *Exosomal internalization is facilitated by extracellular survivin*
Guest Lecture for Rotation class for first year Ph.D. students
Center for Health Disparities and Molecular Medicine (CHDMM) Chalk Talk, Loma Linda University, *Exosomal survivin internalization is mediated by membrane receptors*
- 2017** **Annual Basic Sciences Symposium**-poster and oral flash talk, Loma Linda University, *Exosomal survivin is internalized by multiple cancer cell lines via receptor-mediated endocytosis*
Southern California Graduate Student Symposium-poster, Cedars Sinai Medical Center, *Exosomal survivin is internalized by multiple cancer cell lines via receptor-mediated endocytosis*
- 2016** **Annual Basic Sciences Symposium**-poster, Loma Linda University, *Exosomal survivin associates with endocytosis receptors*
CHDMM Chalk Talk, Loma Linda University, *Survivin in the tumor microenvironment*
Annual Health Disparities Research Symposium-poster, Loma Linda

University, *Exosomal survivin associates with endocytosis receptors*
EXCEED (Excellence in STEM Experiential Education) conference, Loma Linda University, gross anatomy instruction of K-12 educators in the nervous, cardiovascular, and digestive systems using cadavers
American Association of Cancer Researchers (AACR)-poster, New Orleans Convention Center, *Extracellular survivin uptake by cancer cells via receptor-mediated endocytosis*

- 2015** **EXCEED conference**, Loma Linda University, gross anatomy instruction of K-12 educators in the nervous, cardiovascular, and digestive systems using cadavers
Annual Basic Sciences Symposium-poster, Loma Linda University, *Exosomal survivin associates with endocytosis receptors*
Annual Postgraduate Conference-poster, Loma Linda University, *Curcumin modulates pancreatic adenocarcinoma cell-derived exosomal function*
Study skills presentation for first year graduate students, Loma Linda University, *To study or not to study*
- 2014** **EXCEED conference**, Loma Linda University, gross anatomy instruction of K-12 educators in the nervous, cardiovascular, and digestive systems using cadavers
- 2013** **EXCEED conference**, Loma Linda University, gross anatomy instruction of K-12 educators in the nervous, cardiovascular, and digestive systems using cadavers

ABSTRACTS/POSTERS

Yu J, Hachey S, **Gonda A**, Sullivan BG, Ostowari A, Hughes CCW, Senthil M. Novel Vascularized Microtumor (VMT) Model Of Peritoneal Carcinomatosis (PC) With Mesothelial-Lined Chambers And Submesothelial Stroma That Mimic The Peritoneal Cavity. Oral presentation acceptance. Advanced Cancer Therapies 2023 and Society of Surgical Oncology 2023 International Conference on Surgical Cancer Care. February 2023.

Yu J, Vallejos PA, Sullivan BG, **Gonda A**, Kwong M, Miller LD, Wall NR, Senthil M. Exosome liquid biopsy in colon cancer utilizing RNA biomarkers: an initial analysis. Oral presentation. Society of Surgical Oncology 2022 International Conference on Surgical Cancer Care. March 2022.

Sullivan BG, Yu J, **Gonda A**, Hachey S, Hughes C, Senthil M. Peritoneal Carinomatosis Vascularized Micro-tumor (VMT) as a Platform for Drug Testing. Oral Presentation. Society of Surgical Oncology 2022 International Conference on Surgical Cancer Care. March 2022.

Shah JV, Siebert JN, **Gonda A**, Pemmaraju R, Kosuri S, Bobadilla Mendez C, Zhao X, He S, Riman RE, Tan MC, Pierce MC, Lattime EC, Moghe PV, Ganapathy V. Rare earth albumin nanoparticles engineered to target cytotoxic T cells to evaluate response to immunotherapy [abstract]. In: Proceedings of the American Association for Cancer Research Annual Meeting 2021; 2021 Apr 10-15 and May 17-21. Philadelphia (PA): AACR; Cancer Res 2021;81(13_Suppl): Abstract nr 2802

Gonda A, Shah JV, Siebert JN, Zhao N, Kwon M, Moghe PV, Francis N, Ganapathy V. Exosome gene signatures characterize metastatic dynamicity. AACR Virtual Annual Meeting 2021. April 10-15, 2021.

Gonda A, Shah JV, Tan MC, Roth CM, Riman RE, Pierce MC, Moghe PV, Ganapathy V. Nanophotonic Rare-Earth Based Probes for Early Detection of Cancer. 8th Annual PREDiCT: Tumor Models Virtual Conference, HansenWade. July 14, 2020.

Shah JV, **Gonda A**, Pemmaraju R, Subash A, Zhao Z, Tan MC, Riman RE, Pierce MP, Moghe PV, Ganapathy V. Rare Earth Albumin Nanocarriers for Targeted Drug Delivery and Therapy Monitoring. Biomedical Engineering Society Annual meeting. Philadelphia, PA, October 16-19, 2019.

Pemmaraju R, Shah JV, **Gonda A**, Kantameni H, Zhao Z, Tan MC, Pierce M, Moghe PV, Ganapathy V. Quantitative Analysis of Tumor Immune Burden Using Targeted ReANC Nanoprobes. Aresty Undergraduate Research Symposium. Rutgers University, Piscataway, NJ, April 26, 2019.

Kwong MM, **Gonda A**, Selleck MJ, Liu T, Kabagwira J, Babcock B, Wang C, Langridge W, Wall NR, Senthil M. Unique Plasma Exosomal protein and miRNA profiles in colorectal cancer peritoneal carcinomatosis compared to visceral metastases. Society of Surgical Oncology 2019 Annual Cancer Symposium. San Diego, CA, March 28, 2019. Top five finalist in the SSO 2019 Poster Contest.

Shah JV, Pemmaraju R, **Gonda A**, Kantameni H, Zhao Z, Tan MC, Riman RE, Pierce M, Moghe PV, Ganapathy V. Engineering SWIR Emitting Rare-Earth Nanoparticles to Quantify Tumor Immune Burden. Northeast Engineering Bioengineering Conference. Rutgers University, Piscataway, NJ, March 22, 2019.

Kwong MM, **Gonda A**, Selleck MJ, Liu T, Kabagwira J, McMullen JR, Wang C, Wall NR, Senthil M. Unique Plasma Exosomal Protein and miRNA profiles in Colorectal Cancer Peritoneal Carcinomatosis Compared to Visceral Metastases. Accepted for poster presentation at Society for Surgical Oncology 72nd Annual Cancer Symposium, San Diego, CA, March 27-30, 2019 and oral presentation at 14th International Symposium on Regional Cancer Therapies, Phoenix, AZ, February 18, 2019.

Oyefeso F, Nishiyama N, **Gonda A**, Wall N, Pecaut M. Characterizing biomarkers of radiation exposure by isolating exosomal miRNA employing two independent techniques for isolating exosomes from murine brain tissue. Society for Neuroscience Annual Conference, San Diego CA, November 3-7 2018.

Gonda A, Kabagwira J, Senthil GN, Vallejos PA, Kwong MM, Wall NR. Exosome internalization is mediated by extracellular survivin. 21st Annual Basic Sciences Symposium, Loma Linda University, Loma Linda CA, November 1, 2018.

Kwong MM, **Gonda A**, Selleck MJ, Liu T, Kabagwira J, McMullen JR, Wang C, Wall NR, Senthil M. Unique plasma exosomal protein and miRNA profiles in colorectal cancer peritoneal carcinomatosis compared to visceral metastases. and 21st Annual Basic Sciences Symposium, Loma Linda University, Loma Linda CA, November 1, 2018.

Gonda A, Senthil GN, Khan S, Ferguson Bennit HR, Kabagwira J, McMullen JR, Wall NR. Exosomal Survivin is internalized by multiple cancer cell lines via receptor-mediated endocytosis. 2017 Southern California Graduate Student Symposium, Cedars Sinai Medical Center, Los Angeles CA, October 20, 2017 and 20th Annual Basic Sciences Symposium, Loma Linda University, Loma Linda CA, November 2, 2017.

Senthil GN, **Gonda A**, Senthil M, Wall NR. Receptor mediated endocytosis of Survivin. 17th Annual Health Disparities Research Symposium, Loma Linda University, August 2, 2017.

Kabagwira J, Gonda A, McMullen J, **Wall NR**. Differential expression of survivin splice variants in Gemcitabine resistant and sensitive cell lines. 20th Annual Basic Sciences Research Symposium, November 2, 2017, Loma Linda University.

Kabagwira J, **Gonda A**, McMullen J, Wall NR. Differential expression of Survivin splice variants in chemoresistant and chemosensitive pancreatic cancer cell lines. Annual Postgraduate Conference, Loma Linda University, March 2017.

Gonda A, Khan S, Ferguson Bennit HR, Moyron RB, McMullen J, Wall NR. Exosomal Survivin associates with endocytosis receptors. Basic Sciences Symposium, Loma Linda University, November 8, 2016.

Gonda A, Khan S, Ferguson Bennit HR, Moyron RB, Wall NR. Extracellular Survivin uptake by cancer cells via receptor-mediated endocytosis. 2016 AACR Annual Meeting, New Orleans LA, April 16-20, 2016.

Khan S, Stiff TR, Simpson J, Lynch JC, Leaf PD, **Gonda A**, Wang C, Casiano CA, Wall NR. Differential expression of stress proteins and miRNAs in circulating exosomes in prostate cancer health disparities. 8th AACR Conference on the Science of Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Atlanta, GA, November 2015.

Gonda A., Khan S, Ferguson Bennit HR, Moyron RB, Wall NR. Exosomal Survivin associates with endocytosis receptors. Basic Sciences Symposium and 16th Annual Health Disparities Research Symposium, Loma Linda University, October 28, 2015 and August 3, 2016.

Gonda A, Diaz Osterman CJ, Lynch JC, Leaf PD, Wall NR. Curcumin modulates pancreatic adenocarcinoma cell-derived exosomal function. APC, Loma Linda University, March 8, 2015.

Khan S, Stiff TR, Lynch JC, Leaf PD, **Gonda A**, Casiano CA, Wall NR. Exosomal Survivin splice variants in prostate cancer health disparities. ENDO 2015—Endocrine Society Annual Conference. San Diego CA, March 5-8, 2015.

Stiff TR, Khan S, Lynch JC, Leaf PD, **Gonda A**, Sanchez T, Casiano C, Wall NR. Exosomal Survivin Splice Variants in Prostate Cancer Health Disparities. Health Disparities Research Symposium, Loma Linda University, August 6, 2014

CONFERENCES

April 2021 AACR Annual Conference, Virtual
April/June 2020 AACR Annual Conference, Virtual
April 2018 Experimental Biology Annual Conference, San Diego, CA
October 2017 American Association of Cancer Researchers (AACR) Translational Cancer Research for Basic Scientists Workshop, Boston, MA
April 2016 AACR Annual Conference, New Orleans, LA
March 2015 Systems Biosciences, Inc (SBI) Exosome Training Course, Mountain View, CA
April 2014 AACR Annual Conference, San Diego, CA

SOCIETY MEMBERSHIP

International Society of Extracellular Vesicles, 2020
American Association for the Advancement of Science (AAAS), 2016
American Association for Cancer Research (AACR), 2013
American Association of Anatomists (AAA), 2012

HONORS AND AWARDS

Accepted to the 2017 AACR Translational Cancer Research for Basic Scientists Workshop in October 2017

Loma Linda University School of Medicine Dean's Award, stipend support 2015-2018

FUNDING

University of California, Irvine 2022
Institute for Clinical and Translational Pilot Studies Award
\$25,000 for 1 year
Role: Co-investigator
Plasma Levels of Exosomal PD-L1 and Gene Expression as Predictors of Response to Immune Checkpoint Inhibitors in Gastrointestinal Cancers