

Trainee Name	Faculty Member	Past or Current Trainee	Training Period	Publications (Authors, Year, Title, Journal, Volume, Inclusive Pages)
Boehling, Julia A.	Burow, Matthew	Current	2022-present	Nguyen K, Boehling J , Tran MN, Cheng T, Rivera A, Collins-Burow BM, Lee SB, Drewry DH, Burow ME. NEK Family Review and Correlations with Patient Survival Outcomes in Various Cancer Types. <i>Cancers (Basel)</i> . 2023 Mar 30;15(7):2067. doi: 10.3390/cancers15072067. PMID: 37046733; PMCID: PMC10093199.
Brock, Courtney K.	Burow, Matthew	Current	2020-present	Brock CK , Hebert KL, Artiles M, Wright MK, Cheng T, Windsor GO, Nguyen K, Alzoubi MS, Collins-Burow BM, Martin EC, Lau FH, Bunnell BA, Burow ME. A Role for Adipocytes and Adipose Stem Cells in the Breast Tumor Microenvironment and Regenerative Medicine. <i>Front Physiol</i> . 2021 Nov 29;12:751239. doi: 10.3389/fphys.2021.751239. PMID: 34912237; PMCID: PMC8667576.
				Bunnell BA, Martin EC, Matossian MD, Brock CK , Nguyen K, Collins-Burow B, Burow ME. The effect of obesity on adipose-derived stromal cells and adipose tissue and their impact on cancer. <i>Cancer Metastasis Rev</i> . 2022 Sep;41(3):549-573. doi: 10.1007/s10555-022-10063-1. Epub 2022 Aug 24. PMID: 35999486.
				Cromwell EF, Sirenko O, Nikolov E, Hammer M, Brock CK , Matossian MD, Alzoubi MS, Collins-Burow BM, Burow ME. Multifunctional profiling of triple-negative breast cancer patient-derived tumoroids for disease modeling. <i>SLAS Discov</i> . 2022 Apr;27(3):191-200. doi: 10.1016/j.slasd.2022.01.006. Epub 2022 Feb 4. PMID: 35124274.
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Brooks, Natalya Motyka	Bitoun, Jacob	Current		Kiefer MC, Motyka NI , Clements JD, Bitoun JP. Enterotoxigenic Escherichia coli Heat-Stable Toxin Increases the Rate of Zinc Release from Metallothionein and Is a Zinc- and Iron-Binding Peptide. <i>mSphere</i> . 2020 Apr 1;5(2):e00146-20. doi: 10.1128/mSphere.00146-20. PMID: 32238569; PMCID: PMC7113584.
				Motyka NI , Stewart SR, Hollifield IE, Kylo TR, Mansfield JA, Norton EB, Clements JD, Bitoun JP. Elevated Extracellular cGMP Produced after Exposure to Enterotoxigenic Escherichia coli Heat-Stable Toxin Induces Epithelial IL-33 Release and Alters Intestinal Immunity. <i>Infect Immun</i> . 2021 Mar 17;89(4):e00707-20. doi: 10.1128/IAI.00707-20. PMID: 33431701; PMCID: PMC8090939.
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Clark, Robert	Kolls, Jay K.	Current	2022-present	Munyonho FT, Clark RDE , Lin D, Khatun MS, Pungan D, Dai G, Kolls JK. Precision-cut lung slices as an ex vivo model to study Pneumocystis murina survival and antimicrobial susceptibility. <i>mBio</i> . 2024 Jan 16;15(1):e0146423. doi: 10.1128/mbio.01464-23. Epub 2023 Dec 20. PMID: 38117035; PMCID: PMC10790776.

Horowitz, Rebecca	McLachlan, James B.	Current		Bauer DL, Bachnak L, Limbert VM, Horowitz RM , Baudier RL, D'Souza SJ, Immethun VE, Kurtz JR, Grant SB, McLachlan JB. The Adjuvant Combination of dmLT and Monophosphoryl Lipid A Activates the Canonical, Nonpyroptotic NLRP3 Inflammasome in Dendritic Cells and Significantly Interacts to Expand Antigen-Specific CD4 T Cells. <i>J Immunol.</i> 2023 May 15;210(10):1519-1530. doi: 10.4049/jimmunol.2200221. PMID: 37023458; PMCID: PMC10159919.
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Izadpanah, Amin	Rappaport, Jay	Current	2021-2023	Izadpanah A , Mudd JC, Garcia JGN, Srivastav S, Abdel-Mohsen M, Palmer C, Goldman AR, Kolls JK, Qin X, Rappaport J. SARS-CoV-2 infection dysregulates NAD metabolism. <i>Front Immunol.</i> 2023 Jun 29;14:1158455. doi: 10.3389/fimmu.2023.1158455. PMID: 37457744; PMCID: PMC10344451.
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Nguyen, Khoa "Andy"	Burow, Matthew	Current	2019-2023	Brock CK, Hebert KL, Artiles M, Wright MK, Cheng T, Windsor GO, Nguyen K , Alzoubi MS, Collins-Burow BM, Martin EC, Lau FH, Bunnell BA, Burow ME. A Role for Adipocytes and Adipose Stem Cells in the Breast Tumor Microenvironment and Regenerative Medicine. <i>Front Physiol.</i> 2021 Nov 29;12:751239. doi: 10.3389/fphys.2021.751239. PMID: 34912237; PMCID: PMC8667576.
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			Matossian MD, Giardina AA, Wright MK, Elliott S, Loch MM, Nguyen K , Zea AH, Lau FH, Moroz K, Riker AI, Jones SD, Martin EC, Bunnell BA, Miele L, Collins-Burow BM, Burow ME. Patient-Derived Xenografts as an Innovative Surrogate Tumor Model for the Investigation of Health Disparities in Triple Negative Breast Cancer. <i>Womens Health Rep (New Rochelle)</i> . 2020 Sep 24;1(1):383-392. doi: 10.1089/whr.2020.0037. PMID: 33786503; PMCID: PMC7784803.
			Nguyen K , Boehling J, Tran MN, Cheng T, Rivera A, Collins-Burow BM, Lee SB, Drewry DH, Burow ME. NEK Family Review and Correlations with Patient Survival Outcomes in Various Cancer Types. <i>Cancers (Basel)</i> . 2023 Mar 30;15(7):2067. doi: 10.3390/cancers15072067. PMID: 37046733; PMCID: PMC10093199.
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Nwia, Sarah	Zhuo, Jia L.	Current	Leite APO, Li XC, Nwia SM , Hassan R, Zhuo JL. Angiotensin II and AT1a Receptors in the Proximal Tubules of the Kidney: New Roles in Blood Pressure Control and Hypertension. <i>Int J Mol Sci</i> . 2022 Feb 22;23(5):2402. doi: 10.3390/ijms23052402. PMID: 35269547; PMCID: PMC8910592.
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Remcho, Parks	Kolls, Jay K.	Current	2022–present	Khatun MS, Remcho TP , Qin X, Kolls JK. Cell-intrinsic and -extrinsic effects of SARS-CoV-2 RNA on pathogenesis: single-cell meta-analysis. <i>mSphere.</i> 2023 Oct 24;8(5):e0037523. doi: 10.1128/msphere.00375-23. Epub 2023 Sep 22. PMID: 37737611; PMCID: PMC10597400.
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Samudre, Joshua	Savkovic, Suzana D.	Current		Iftikhar R, Penrose HM, King AN, Samudre JS , Collins ME, Hartono AB, Lee SB, Lau F, Baddoo M, Flemington EF, Crawford SE, Savkovic SD. Correction: Elevated ATGL in colon cancer cells and cancer stem cells promotes metabolic and tumorigenic reprogramming reinforced by obesity. <i>Oncogenesis.</i> 2022 Mar 15;11(1):14. doi: 10.1038/s41389-022-00388-5. Erratum for: <i>Oncogenesis.</i> 2021 Nov 29;10(11):82. PMID: 35292620; PMCID: PMC8924151.
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Shahbandi, Ashkan	Jackson, James	Current	2018–2023	Chiu FY, Kvasdas RM, Mheidly Z, Shahbandi A , Jackson JG. Could senescence phenotypes strike the balance to promote tumor dormancy? <i>Cancer Metastasis Rev.</i> 2023 Mar;42(1):143-160. doi: 10.1007/s10555-023-10089-z. Epub 2023 Feb 3. PMID: 36735097; PMCID: PMC10710690.
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Strauss, Juliet	Pursell, Zachary F.	Current	2021–2024	Park VS, Sun MJS, Frey WD, Williams LG, Hodel KP, Strauss JD , Wellens SJ, Jackson JG, Pursell ZF. Mouse model and human patient data reveal critical roles for Pten and p53 in suppressing POLE mutant tumor development. NAR Cancer. 2022 Mar 3;4(1):zcac004. doi: 10.1093/narcan/zcac004. PMID: 35252866; PMCID: PMC8892059.
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