

July 2021-June 2022: Department of Radiation Oncology

Peer-Reviewed Publications

1. **Abbotts R**, Dellomo AJ, **Rassool FV**. [Pharmacologic Induction of BRCAness in BRCA-Proficient Cancers: Expanding PARP Inhibitor Use](#). *Cancers (Basel)*. 2022 May 26;14(11):2640.
2. Abugideiri M, Janopaul-Naylor J, Switchenko J...**Ferris M**, Cassidy RJ, Behera M, Monson D, Landry J, Godette KD, Patel PR. [ASO Visual Abstract: Impact of metastasectomy and aggressive local therapy in newly diagnosed metastatic soft tissue sarcoma: An analysis of the NCDB](#). *Ann Surg Oncol*. 2021 Dec;28(suppl 3):579–580.
3. Al Feghali KA, Randall JW, Liu DD, Wefel JS, Brown PD, Grosshans DR, **McAvoy SA**, Farhat MA, Li J, McGovern SL, McAleer MF, Ghia AJ, Paulino AC, Sulman EP, Penas-Prado M, Wang J, de Groot J, Heimberger AB, Armstrong TS, Gilbert MR, Mahajan A, Guha-Thakurta N, Chung C. [Phase II trial of proton therapy versus photon IMRT for GBM: secondary analysis comparison of progression-free survival between RANO versus clinical assessment](#). *Neurooncol Adv*. 2021 Jun 1;3(1):vdab073.
4. **Alexander G**, **Savla B**, **Berg L**, **Sun K**, **Remick J**, **Kowalski E**, **Chen S**, **Lamichhane N**, **Regine WF**, **Mishra M**. [PD-L1 Expression Level of Primary Tumor as a Predictor of Local Control and Symptomatic Radiation Necrosis in Patients with Brain Metastases Undergoing SRS/fSRT With Concurrent Immunotherapy](#). *Int. J. Radiation Oncology Biol Phys*, Vol. 111 (3), suppl, p.e562, November, 2021.
5. Anastasiadis P, Gandhi D, Guo Y, Ahmed AK, **Bentzen SM**, Arvanitis C, Woodworth GF. [Localized blood-brain barrier opening in infiltrating gliomas with MRI-guided acoustic emissions-controlled focused ultrasound](#). *Proc Natl Acad Sci U S A*. 2021 Sep 14;118(37):e2103280118.
6. Andreozzi JM, Bruza P, **Cammin J**, Alexander DA, Pogue BW, Green O, Gladstone DJ. [Optical emission-based phantom to verify coincidence of radiotherapy and imaging isocenters on an MR-linac](#). *J Appl Clin Med Phys*. 2021 Aug 19. Online ahead of print.
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8. Atanackovic D, Luetkens T, Avila SV, Hardy NM, Lutfi F, Sanchez-Petitto G, Vander Mause E, Glynn N, Mannuel HD, Alkhaldi H, **Hankey K**, Baddley J, Dahiya S, Rapoport AP. [Anti-SARS-CoV-2 immune responses in patients receiving an allogeneic stem cell or organ transplant](#). *Vaccines (Basel)*. 2021 Jul 3;9(7):737.
9. Atanackovic D, Luetkens T, Omili D, Iraguha T, Lutfi F, Hardy NM, Fan X, Saharia KK, Husson JS, Niederhaus SV, Margiotta PJ, Lee ST, Law JY, Mannuel HD, Vander Mause E, Bauman S, Lesho P, **Hankey KG**, Baddley JW, Kocoglu MH, Yared JA, Rapoport AP, Dahiya S. [Vaccine-induced T cells against Sars-Cov-2 and its Omicron variant in B cell-depleted lymphoma patients after CART](#). *Blood*. 2022 May 10;blood.2022016175. Online ahead of print.
10. Atwood TF, **Lamichhane N**, Howell K, Weiss SE, Bird L, Pearson C, Joiner MC, Dominello MM, Burmeister J. [Three discipline collaborative radiation therapy \(3DCRT\)](#)

- special debate: A physicist's time is better spent in direct patient/provider interaction than in the patient's chart..] *J Appl Clin Med Phys*. 2022 Feb 15:e13559. Online ahead of print.
11. Baer MR, Kogan AA, **Bentzen SM**, Mi T, Lapidus RG, Duong VH, Emadi A, Niyongere S, O'Connell CL, Youngblood BA, Baylin SB, Rassool FV. [Phase I clinical trial of DNA methyltransferase inhibitor decitabine and PARP inhibitor talazoparib combination therapy in relapsed/refractory acute myeloid leukemia](#). *Clin Cancer Res*. 2022 Jan 28:clincanres.3729.2021. Online ahead of print.
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 19. Carey GB, Ezelle HJ, Steinle N, Cao Q, Simington L, Matson C, Singh N, Jones L, **Mohindra P**, Cullen KJ, Giglio M, Parker E, Hassel BA. [Robust institutional support and collaboration between summer training programs in cancer and biomedicine drive the pivot to a virtual format in response to the COVID pandemic](#). *J Cancer Educ*. 2022 Jan 31:1–15. Online ahead of print.
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29. **Dellomo AJ**, **Abbotts R**, Eberly CL, Karbowski M, Baer MR, Kingsbury TJ, **Rassool FV**. [PARP1 PARYlates and stabilizes STAT5 in FLT3-ITD acute myeloid leukemia and other STAT5-activated cancers.](#) *Transl Oncol.* 2021 Nov 19;15(1):101283. Online ahead of print.
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