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Email

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Education

University of Washington

Current Research Interests

Dr. Devlin's research interests are in the development of adaptive and nonparametric regression methods for cancer research. With colleagues at Memorial Sloan Kettering, he recently developed a novel algorithm to refine and improve the discriminatory ability of an existing prognostic classifier by incorporating new genomic markers for censored survival data. His current research interests also include developing risk scores for high dimensional survival data when multiple markers may predict treatment response. Dr. Devlin collaborates with researchers in the Leukemia, Bone Marrow Transplant, and Myeloma Services in the design and analysis of retrospective and prospective studies.

Publications

Selected peer-reviewed publications:

Devlin SM, Satagopan JM. [Statistical Interactions from a Growth Curve Perspective](#). Hum Hered. 2017 Jul 26;82(1-2):21-36. PMID: 28743105.

Peled JU, Devlin SM, Staffas A, Lumish M, Khanin R, Littmann ER, Ling L, Kosuri S, Maloy M, Slingerland JB, Ahr KF, Porosnicu Rodriguez KA, Shono Y, Slingerland AE, Docampo MD, Sung AD, Weber D, Alousi AM, Gyurkocza B, Ponce DM, Barker JN, Perales MA, Giralt SA, Taur Y, Pamer EG, Jenq RR, van den Brink MRM. [Intestinal Microbiota and Relapse After Hematopoietic-Cell Transplantation](#). J Clin Oncol. 2017 May 20;35(15):1650-1659. PMID: PMC5455763.

Devlin SM, Ostrovskaya I, Gönen M. [Boomerang: A method for recursive reclassification](#). Biometrics. 2016 Sep;72(3):995-1002. PMID: PMC4940305.

Smith E, Devlin SM, Kosuri S, Orlando E, Landau H, Lesokhin AM, Chung DJ, Hassoun H, Lendvai N, Landgren O, Giralt S, Chari A, Jagannath S, Koehne G. [CD34-Selected Allogeneic Hematopoietic Stem Cell Transplantation for Patients with Relapsed, High-Risk Multiple Myeloma](#). Biol Blood Marrow Transplant. 2016 Feb;22(2):258-67. PMID: PMC4975432.

[Visit PubMed for a full listing of Sean Devlin's journal articles](#)

Pubmed is an online index of biomedical articles maintained by the U.S. National Library of Medicine and the National Institutes of Health.

My Projects

[Statistical Methods for Evaluating Predictive Cancer Biomarkers](#)

Disclosures

Doctors and faculty members often work with pharmaceutical, device, biotechnology, and life sciences companies, and other organizations outside of MSK, to find safe and effective cancer treatments, to improve patient care, and to educate the health care community.

MSK requires doctors and faculty members to report (“disclose”) the relationships and financial interests they have with external entities. As a commitment to transparency with our community, we make that information available to the public.

Sean Devlin discloses the following relationships and financial interests:

Miltenyi Biotec Incorporated
Professional Services and Activities

The information published here is for a specific annual disclosure period. There may be differences between information on this and other public sites as a result of different reporting periods and/or the various ways relationships and financial interests are categorized by organizations that publish such data.

This page and data include information for a specific MSK annual disclosure period (January 1, 2022 through disclosure submission in spring 2023). This data reflects interests that may or may not still exist. This data is updated annually.

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