

Ready to start planning your care? Call us at [800-525-2225](tel:800-525-2225) to make an appointment.

×



Memorial Sloan Kettering  
Cancer Center

[Make an Appointment](#)

[← Back](#)

[The Kenneth C. Offit Lab](#)

[Research, Diagnosis & Treatment](#)

[Refer a Patient](#)

#### ABOUT US

[Our mission, vision & core values](#)

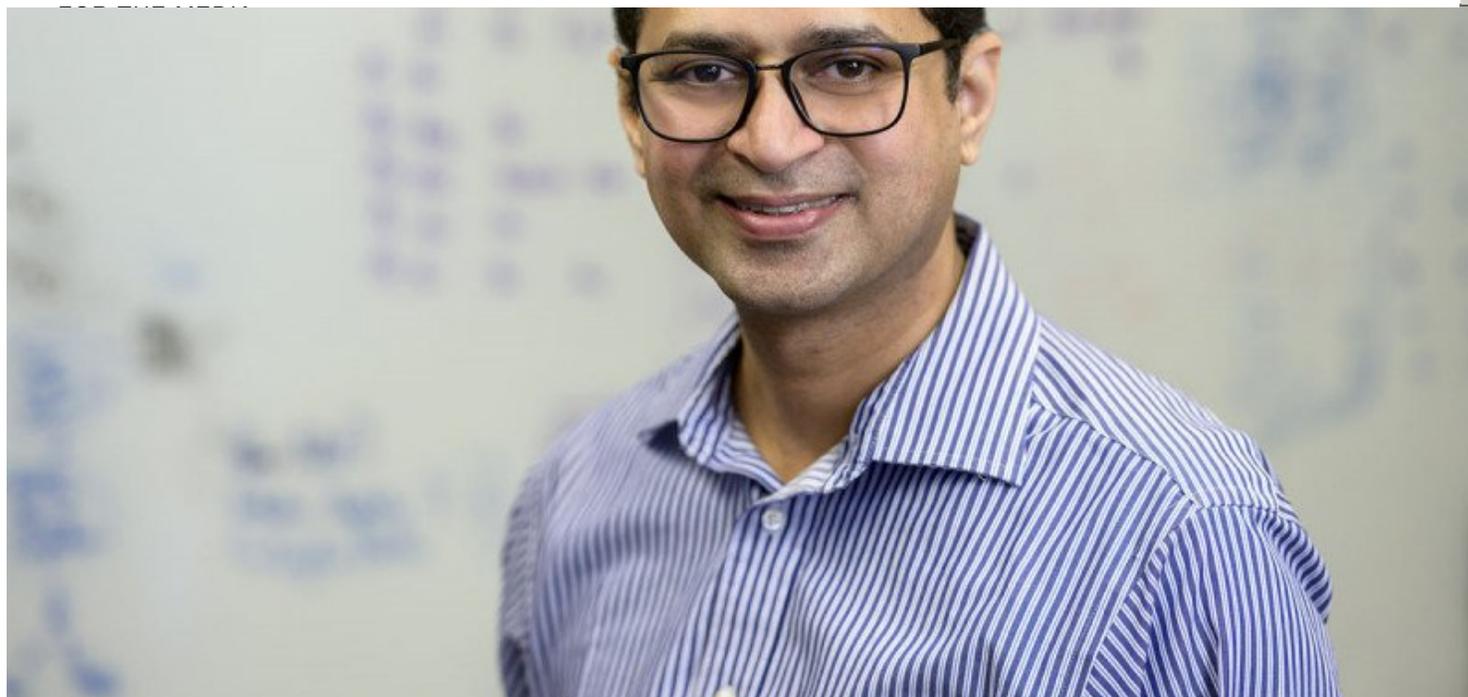
[Leadership](#)

[History](#)

[Equality, diversity & inclusion](#)

[Annual report](#)

[Give to MSK](#)



#### Lab Phone

646-888-3098

#### Email

[josephv@mskcc.org](mailto:josephv@mskcc.org)

I am a laboratory member and an Associate Attending Geneticist in the Clinical Genetics Service in the Department of Medicine. I am also the Associate Director of the [Robert and Kate Niehaus Center for Inherited Cancer Genomics](#) and the director of the Clinical Genetics Research laboratory.

My research focuses on the following areas:

- discovering novel genomic alterations and their role in germline predisposition to cancers
- developing informatics framework for interpreting germline variations and assertion of pathogenicity
- interrogating germline and somatic variations for targeted therapies

I am part of a multidisciplinary team investigating diverse heritable cancers. My current focus is on bladder, breast, prostate, and hematologic cancers. I work with several international consortia focusing on the genetics of cancer, including the Breast Cancer Association Consortium, the Consortium of Investigators of Modifiers of BRCA1/2, the International Lymphoma Epidemiology Consortium, and the Prostate Cancer Association Group to Investigate Cancer Associated Alterations in the Genome consortium.

My research is funded by the National Institutes of Health, the Prostate Cancer Foundation, the V Foundation for Cancer Research, [Cycle for Survival](#), and other groups.

To work with me, please email your CV with a cover letter to [postdocgri@outlook.com](mailto:postdocgri@outlook.com) with the subject: Computational Postdoc

## Publications

Vijai J, Topka S, Villano D, Ravichandran V, Maxwell KN, Maria A, Thomas T, Gaddam P, Lincoln A, Kazzaz S, Wenz B, Carmi S, Schrader KA, Hart SN, Lipkin SM, Neuhausen SL, Walsh MF, Zhang L, Lejbkowitz F, Rennert H, Stadler ZK, Robson M, Weitzel JN, Domchek S, Daly MJ, Couch FJ, Nathanson KL, Norton L, Rennert G, Offit K. A Recurrent ERCC3 Truncating Mutation Confers Moderate Risk for Breast Cancer. *Cancer Discov.* 2016 Nov;6(11):1267-1275.

Colin C Pritchard CC, Mateo J, Walsh MF, De Sarkar N, Abida W, Beltran H, Garofalo A, Gulati R, Carreira S, Eeles R, Elemento O, Rubin MA, Robinson D, Lonigro R, Hussain M, Chinnaiyan A, Vinson J, Filipenko J, Garraway L, Taplin M-E, AIDubayan S, Han GC, Beightol M, Morrissey C, Nghiem B, Cheng HH, Montgomery B, Walsh T, Casadei S, Berger M, Zhang L, Zehir A, Vijai J, Scher HI, Sawyers C, Schultz N, Kantoff PW, Solit D, Robson M, Van Allen EM, Offit K, de Bono J, Nelson PS. Inherited DNA-Repair Gene Mutations in Men with Metastatic Prostate Cancer. *N Engl J Med.* 2016 Aug 4;375(5):443-53.

Mandelker M, Zhang L, Kemel Y, Stadler ZK, Joseph V, Zehir A, Pradhan N, Arnold A, Walsh MF, Li Y, Balakrishnan AR, Syed A, Prasad M, Nafa K, Carlo MI, Cadoo KA, Sheehan M, Fleischut MH, Salo-Mullen E, Trottier M, Lipkin SM, Lincoln A, Mukherjee S, Ravichandran V, Cambria R, Galle J, Abida W, Arcila ME, Benayed R, Shah R, Yu K, Bajorin DF, Coleman JA, Leach SD, Lowery MA, Garcia-Aguilar J, Kantoff PW, Sawyers CL, Dickler MN, Saltz L, Motzer RJ, O'Reilly EM, Scher HI, Baselga J, Klimstra DS, Solit DB, Hyman DM, Berger MF, Ladanyi M, Robson ME, Offit K. Mutation Detection in Patients With Advanced Cancer by Universal Sequencing of Cancer-Related Genes in Tumor and Normal DNA vs Guideline-Based Germline Testing. *JAMA.* 2017 Sep 5;318(9):825-835.

Vijai J, Wang Z, Berndt SI, Skibola CF, Slager SL, de Sanjose S, Melbye M, Glimelius B, Bracci PM, Conde L, Birmann BM, Wang SS, Brooks-Wilson AR, Lan Q, de Bakker PIW, Vermeulen RCH, Portlock C, Ansell SM, K Link BK, Riby J, North KE, Gu J, Hjalgrim H, Cozen W, Becker N, Teras LR, Spinelli JJ, Turner J, Zhang Y, Purdue MP, Giles GG, Kelly RS, Zeleniuch-Jacquotte A, Ennas MG, Monnereau A, Bertrand KA, Albanes D, Lightfoot T, Yeager M, Chung CC, Burdett L, Hutchinson A, Lawrence C, Montalvan R, Liang L, Huang J, Ma B, Villano DJ, Maria A, Corines M, Thomas T, Novak AJ, Dogan A, Liebow M, Thompson CA, Witzig TE, Habermann TM, Weiner GJ, Smith MT, Holly EA, Jackson RD, Tinker LF, Ye Y, Adami H-O, Smedby KE, De Roos AJ, Hartge P, Morton LM, Severson RK, Benavente Y, Boffetta P, Brennan P, Foretova L, Maynadie M, McKay J, Staines A, Diver WR, Vajdic CM, Armstrong BK, Krickler A, Zheng T, Holford TR, Severi G, Vineis P, Ferri GM, Ricco R, Miligi L, Clavel J, Giovannucci E, Kraft P, Virtamo J, Smith A, Kane E, Roman E, BCH, Fraumeni JF, Wu X, Cerhan JR, Offit K, Chanock SJ, Rothman N, Nieters A. A genome-wide association study of marginal zone lymphoma shows association to the HLA region. *Nat Commun.* 2015 Jan 8;6:5751.

[View a full listing of Vijai Joseph's journal articles.](#)

## 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.

Vijai Joseph discloses the following relationships and financial interests:

*No disclosures meeting criteria for time period*

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.

Learn more about MSK’s COI policies [here](#). For questions regarding MSK’s COI-related policies and procedures, email MSK’s Compliance Office at [ecoi@mskcc.org](mailto:ecoi@mskcc.org).

[View all disclosures](#) →

### Connect

[Contact us](#)

[Locations](#)

APPOINTMENTS

[800-525-2225](#)



### About MSK

[About us](#)

[Careers](#) ■

[Giving](#) ■

### Cancer Care

[Adult cancer types](#)

[Child & teen cancer types](#)

[Integrative medicine](#)

[Nutrition & cancer](#)

[Find a doctor](#)

## Research & Education

[Sloan Kettering Institute](#)

[Gerstner Sloan Kettering Graduate School](#) ■

[Graduate medical education](#)

[MSK Library](#) ■

---

[Communication preferences](#)

[Cookie preferences](#)

[Legal disclaimer](#)

[Accessibility statement](#)

[Privacy policy](#)

[Price transparency](#)

[Public notices](#)

© 2024 Memorial Sloan Kettering Cancer Center