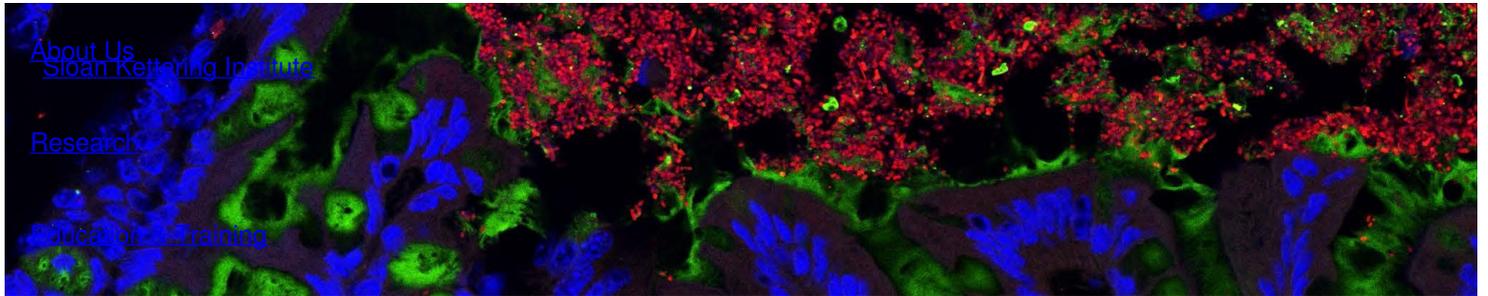


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Research



Marcel R. M. van den Brink, MD, PhD

Immuno-oncology is increasingly becoming an important therapy for a variety of cancers. As Head of the Division of Hematologic Malignancies and an Attending Physician of the Adult Bone Marrow Transplantation Service, I see patients undergoing a bone marrow transplantation. In my lab, I study novel strategies to improve immune therapies for cancer patients with a special emphasis on the role of the intestinal microbiome in (patho)physiology and therapy, Chimeric Antigen Receptor T cell therapy, and regeneration of thymic function to improve T cell immunity.

Please visit our official website at vandenbrinklab.org!

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Research Projects

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VIDEO | 02:13

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van den Brink Lab group photo

Featured News

[How gut reactions are shaping cancer treatment](#)

An explosion of interest in the workings of the gut microbiome is fueling career and funding opportunities in a wide array of fields. MSK's Marcel van ...



[How Do Gut Microbes Affect the Success of CAR T Immunotherapy? New Answers From MSK](#)

In an effort to improve patients' response to immunotherapy, MSK researchers have studied how microorganisms in the gut affect outcomes in people receiving CAR T therapy.



[Memorial Sloan Kettering Cancer Center Tops Prestigious List of Highly Cited Researchers](#)

Memorial Sloan Kettering Cancer Center (MSK) is proud to announce that it is ranked among the top 20 organizations with the greatest number of highly cited scientific researchers worldwide, according to the annual list of Highly Cited Researchers published by the Institute for Scientific Information at Clarivate.

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Publications Highlights

Smith M, Dai A, Ghilardi G, Amelsberg KV, Devlin SM, Pajarillo R, Slingerland JB, Beghi S, Herrera PS, Giardina P, Clurman A, Dwomoh E, Armijo G, Gomes ALC, Littmann ER, Schluter J, Fontana E, Taur Y, Park JH, Palomba ML, Halton E, Ruiz J, Jain T, Pennisi M, Afuye AO, Perales MA, Freyer CW, Garfall A, Gier S, Nasta S, Landsburg D, Gerson J, Svoboda J, Cross J, Chong EA, Giralt S, Gill SI, Riviere I, Porter DL, Schuster SJ, Sadelain M, Frey N, Brentjens RJ, June CH, Pamer EG, Peled JU, Facciabene A, van den Brink MRM, Ruella M. Gut microbiome correlates of response and toxicity following anti-CD19 CAR T cell therapy. *Nat Med.* 2022 Mar 14. doi: 10.1038/s41591-022-01702-9. Epub ahead of print. PMID: 35288695.

Miltiadous O, Waters NR, Andriova H, Dai A, Nguyen CL, Burgos da Silva M, Lindner S, Slingerland J, Giardina P,

Clurman A, Armijo GK, Gomes AL, Lakkaraja M, Maslak PG, Scordo M, Shouval R, Staffas A, O'Reilly RJ, Taur Y, Prockop S, Boelens JJ, Giralt S, Perales MA, Devlin SM, Peled JU, Markey KA, van den Brink MRM. Early intestinal microbial features are associated with CD4 T cell recovery after allogeneic hematopoietic transplant. *Blood*. 2022 Jan 21;blood.2021014255. doi: 10.1182/blood.2021014255. Epub ahead of print. PMID: 35061893.

[Peled JU, Gomes ALC, Devlin SM, Littmann ER, Taur Y, Sung AD, Weber D, Hashimoto D, Slingerland AE, Slingerland JB, Maloy M, Clurman AG, Stein-Thoeringer CK, Markey KA, Docampo MD, Burgos da Silva M, Khan N, Gessner A, Messina JA, Romero K, Lew MV, Bush A, Bohannon L, Brereton DG, Fontana E, Amoretti LA, Wright RJ, Armijo GK, Shono Y, Sanchez-Escamilla M, Castillo Flores N, Alarcon Tomas A, Lin RJ, Yáñez San Segundo L, Shah GL, Cho C, Scordo M, Politikos I, Hayasaka K, Hasegawa Y, Gyurkocza B, Ponce DM, Barker JN, Perales MA, Giralt SA, Jenq RR, Teshima T, Chao NJ, Holler E, Xavier JB, Pamer EG, van den Brink MRM. Microbiota as Predictor of Mortality in Allogeneic Hematopoietic-Cell Transplantation. *N Engl J Med*. 2020 Feb 27;382\(9\):822-834. doi: 10.1056/NEJMoa1900623.](#)

[Markey KA, Schluter J, Gomes ALC, Littmann ER, Pickard AJ, Taylor BP, Giardina PA, Weber D, Dai A, Docampo MD, Armijo GK, Slingerland AE, Slingerland JB, Nichols KB, Brereton DG, Clurman AG, Ramos RJ, Rao A, Bush A, Bohannon L, Covington M, Lew MV, Rizzieri DA, Chao N, Maloy M, Cho C, Politikos I, Giralt S, Taur Y, Pamer EG, Holler E, Perales MA, Ponce DM, Devlin SM, Xavier J, Sung AD, Peled JU, Cross JR, van den Brink MRM. The microbe-derived short-chain fatty acids butyrate and propionate are associated with protection from chronic GVHD. *Blood*. 2020 Jul 2;136\(1\):130-136. doi: 10.1182/blood.2019003369.](#)

[Stein-Thoeringer CK, Nichols KB, Lazrak A, Docampo MD, Slingerland AE, Slingerland JB, Clurman AG, Armijo G, Gomes ALC, Shono Y, Staffas A, Burgos da Silva M, Devlin SM, Markey KA, Bajic D, Pinedo R, Tsakmaklis A, Littmann ER, Pastore A, Taur Y, Monette S, Arcila ME, Pickard AJ, Maloy M, Wright RJ, Amoretti LA, Fontana E, Pham D, Jamal MA, Weber D, Sung AD, Hashimoto D, Scheid C8, Xavier JB, Messina JA, Romero K, Lew M, Bush A, Bohannon L, Hayasaka K, Hasegawa Y, Vehreschild MJGT, Cross JR, Ponce DM, Perales MA, Giralt SA, Jenq RR, Teshima T1, Holler E, Chao NJ, Pamer EG, Peled JU, van den Brink MRM. Lactose Drives Enterococcus Expansion to Promote Graft-versus-Host Disease. *Science*. 2019; 366\(6469\)1143–1149.](#)

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People



Marcel R. M. van den Brink, MD, PhD

Physician-scientist Marcel R. M. van den Brink studies the immunology of bone marrow transplantation with a particular focus on intestinal microbiome and strategies to enhance thymus and immune reconstitution.

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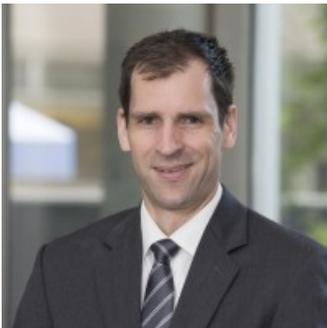
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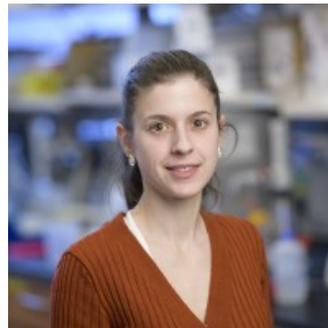
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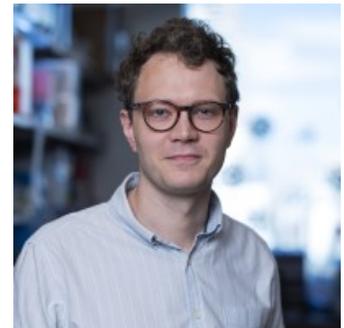
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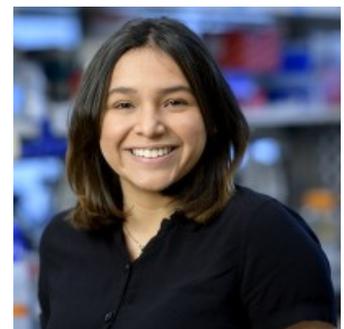
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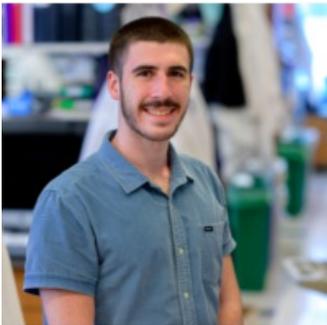
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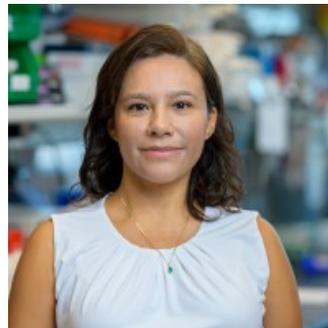
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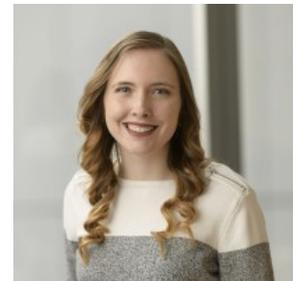
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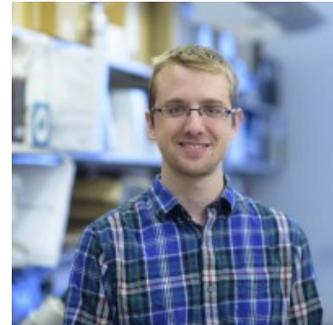
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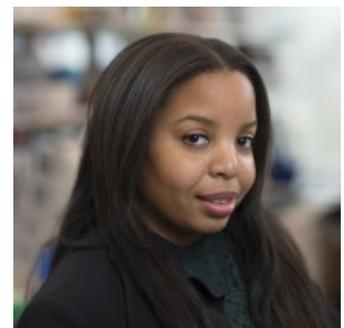
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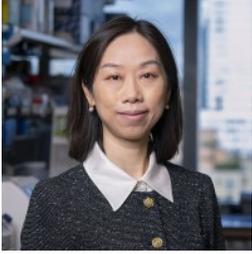
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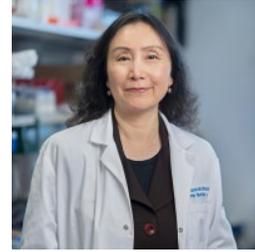
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Zoe Katsamakis



Xiaoqun
Zhang
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+

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Achievements

Head of the Division of Hematologic Malignancies at MSKCC (2008 - present)

Royal Dutch Academy of Sciences (2020)

International Society for Experimental Hematology: Till and McCulloch Lectureship Award (2015)

Alan N. Houghton Chair in Immunology at MSKCC (2007)

Howard Hughes Physician Scientist Award (1996)

Lab News & Events



Lab social at Treadwell Park!



Some of our lab members attending the US Open

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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.

Marcel R. M. van den Brink discloses the following relationships and financial interests:

DKMS

Fiduciary Role / Position; Professional Services and Activities

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Professional Services and Activities

GlaxoSmithKline

Professional Services and Activities (Uncompensated)

Juno Therapeutics

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