Michael Sellers Cuoco

PhD Student, Bioinformatics and Systems Biology

Curriculum Vitae

Updated March 21 2021

♥ University of California, San Diego

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Education

May 2016-May 2018 Postbaccalaureate coursework

Harvard Extension School

Sep 2012-May 2016 BS, Cellular and Molecular Biology

Trinity College

➤ Minor: Models and Data

➤ Major GPA: 3.62

Cambridge, Massachusetts

Hartford, Connecticut

Hartford, Connecticut

Honors and Awards

2017 Spot Award Cambridge, Massachusetts

Broad Institute

➤ Awarded to nominees to acknowledge and demonstrate appreciation and recognition for their exceptional contributions.

2014 TriBeta National Biology Honors Society Hartford, Connecticut

Trinity College

➤ Dedicated to improving the understanding and appreciation of biological study and extending boundaries of human knowledge through scientific research.

Members must meet the national membership criteria.

2014 NESCAC Winter All-Academic Team

Trinity College

➤ Student-athletes must have reached sophomore academic standing, and be in good standing in their sport with a cumulative grade point average of at least

3.50.

Experience

Aug 2016-Aug 2020 Research Associate Cambridge, Massachusetts

Aviv Regev Lab, Broad Institute, MIT & Harvard University

➤ Collaborated with teams of physicians and scientists to characterize signatures of cancer drug resistance by single-cell and bulk transcriptome and chromatin profiling of patient, mouse, and cell line samples. Conducted functional investi-

gation by pooled genetic perturbation experiments.

May 2014-Aug 2015 Undergraduate Student Boston, Massachusetts

Matthew Meyerson Lab, Dana-Farber Cancer Institute, Harvard Medical School

➤ Undergraduate thesis: Engineered an in vitro model of chromosome arm 8p loss by CRISPR/Cas9 editing and artificial telomere recombination to investigate

the functional consequences of the common cancerous alteration.

Sep 2012-Dec 2013 Undergraduate Student Hartford, Connecticut

SEA-PHAGES, Genomics Research Program, Trinity College

Jun 2011–Jul 2011 High school Student Boston, Massachusetts

Alan D'Andrea Lab, Dana-Farber Cancer Institute, Harvard Medical School

Professional Training

2018 Harvard Biotech Incubator

Boston, Massachusetts

Harvard Biotech Club

➤ Worked directly with company founding members and key opinion leaders, performing due diligence and market research to identify clinical indications for therapeutic technology.

2018 Patent Law Short Course

Boston, Massachusetts

Harvard Biotech Club

➤ Reviewed basic concepts of patent law through weekly case readings and workshops at a local firm.

Heatlhcare Innovation & Commercialization Short Course

Boston, Massachusetts

Hartford, Connecticut

Harvard Biotech Club

Weekly modules addressed various aspects of the commercialization process of biomedical technology including intellectual property, market sizing, clinical paths, and FDA regulation.

Teaching

2017

2018 CodeRATS Cambridge, Massachusetts

Broad Institute

➤ Managed the leadership team for a series of institute-wide introduction to programming workshops.

2015-2016 Teaching Assistant Hartford, Connecticut

Trinity College

➤ Hosted study sessions on topics in genetics

2015-2016 **Tutor**

Trinity College

➤ Tutored biology and genetics students one-on-one by request

Authored Publications

Published

Mar 6, 2021 Transcriptional mediators of treatment resistance in lethal prostate cancer.

MX He, <u>MS Cuoco</u>, J Crowdis, A Bosma-Moody, Z Zhang, K Bi, A Kanodia, MJ Su, SY Ku, MM Garcia, AR Sweet, C Rodman, L DelloStritto, R Silver, J Steinharter, P Shah, B Izar, NC Walk, KP Burke, Z Bakouny, AK Tewari, D Liu, SY Camp, NI Vokes, K Salari, J Park, S Vigneau, L Fong, JW Russo, X Yuan, SP Balk, H Beltran, O Rozenblatt-Rosen, A Regev, A Rotem, ME Taplin, EM Van Allen *Nature medicine* doi.org/10.1038/s41591-021-01244-6

Mar 4, 2021 Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics.

C Muus, MD Luecken, G Eraslan, L Sikkema, A Waghray, G Heimberg, Y Kobayashi, ED Vaishnav, A Subramanian, C Smillie, KA Jagadeesh, ET Duong, E Fiskin, ET Triglia, M Ansari, P Cai, B Lin, J Buchanan, S Chen, J Shu, AL Haber, H Chung, DT Montoro, T Adams, H Aliee, SJ Allon, Z Andrusivova, I Angelidis, O Ashenberg, K Bassler, C Bécavin, I Benhar, J Bergenstråhle, L Bergenstråhle, L Bolt, E Braun, LT Bui, S Callori, M Chaffin, E Chichelnitskiy, J Chiou, TM Conlon, MS Cuoco, ASE Cuomo, M Deprez, G Duclos, D Fine, DS Fischer, S Ghazanfar, A Gillich, B Giotti, J Gould, M Guo, AJ Gutierrez, AC Habermann, T Harvey, P He, X Hou, L Hu, Y Hu, A Jaiswal, L Ji, P Jiang, TS Kapellos, CS Kuo, L Larsson, MA Leney-Greene, K Lim, M Litviňuková, LS Ludwig, S Lukassen, W Luo, H Maatz, E Madissoon, L Mamanova, K Manakongtreecheep, S Leroy, CH Mayr, IM Mbano, AM McAdams, AN Nabhan, SK Nyquist, L Penland, OB Poirion, S Poli, C Qi, R Queen, D Reichart, I Rosas, JC Schupp, CV Shea, X Shi, R Sinha, RV Sit, K Slowikowski, M Slyper, NP Smith, A Sountoulidis, M Strunz, TB Sullivan, D Sun, C Talavera-López, P Tan, J Tantivit, KJ Travaglini, NR Tucker, KA Vernon, MH Wadsworth, J Waldman, X Wang, K Xu, W Yan, W Zhao, CGK Ziegler

Nature medicine doi.org/10.1038/s41591-020-01227-z

Mar 3, 2021 Multimodal pooled Perturb-CITE-seq screens in patient models define mechanisms of cancer immune evasion.

CJ Frangieh, JC Melms, PI Thakore, KR Geiger-Schuller, P Ho, AM Luoma, B Cleary, L Jerby-Arnon, S Malu, <u>MS Cuoco</u>, M Zhao, CR Ager, M Rogava, L Hovey, A Rotem, C Bernatchez, KW Wucherpfennig, BE Johnson, O Rozenblatt-Rosen, D Schadendorf, A Regev, B Izar

Nature genetics doi.org/10.1038/s41588-021-00779-1

Sep 6, 2020

Mar 13, 2021 Tumor and immune reprogramming during immunotherapy in advanced renal cell carcinoma.

K Bi, MX He, Z Bakouny, A Kanodia, S Napolitano, J Wu, G Grimaldi, DA Braun, MS Cuoco, A Mayorga, L DelloStritto, G Bouchard, J Steinharter, AK Tewari, NI Vokes, E Shannon, M Sun, J Park, SL Chang, BA McGregor, R Haq, T Denize, S Signoretti, JL Guerriero, S Vigneau, O Rozenblatt-Rosen, A Rotem, A Regev, TK Choueiri, EM Van Allen Cancer cell doi.org/10.1016/j.ccell.2021.02.015

Jan 27, 2021 Opposing immune and genetic mechanisms shape oncogenic programs in synovial sarcoma.

L Jerby-Arnon, C Neftel, ME Shore, HR Weisman, ND Mathewson, MJ McBride, B Haas, B Izar, A Volorio, G Boulay, L Cironi, AR Richman, LC Broye, JM Gurski, CC Luo, R Mylvaganam, L Nguyen, S Mei, JC Melms, C Georgescu, O Cohen, JE Buendia-Buendia, A Segerstolpe, M Sud, MS Cuoco, D Labes, S Gritsch, DR Zollinger, N Ortogero, JM Beechem, G Petur Nielsen, I Chebib, T Nguyen-Ngoc, M Montemurro, GM Cote, E Choy, I Letovanec, S Cherix, N Wagle, PK Sorger, AB Haynes, JT Mullen, I Stamenkovic, MN Rivera, C Kadoch, KW Wucherpfennig, O Rozenblatt-Rosen, ML Suvà, N Riggi, A Regev Nature medicine doi.org/10.1038/s41591-020-01212-6

The Human and Mouse Enteric Nervous System at Single-Cell Resolution.

E Drokhlyansky, CS Smillie, N Van Wittenberghe, M Ericsson, GK Griffin, G Eraslan, D Dionne, MS Cuoco, MN Goder-Reiser, T Sharova, O Kuksenko, AJ Aguirre, GM Boland, D Graham, O Rozenblatt-Rosen, RJ Xavier, A Regev Cell doi.org/10.1016/j.cell.2020.08.003

Jul 30, 2020 Acquired FGFR and FGF Alterations Confer Resistance to Estrogen Receptor (ER) Targeted Therapy in ER+ Metastatic Breast Cancer.

P Mao, O Cohen, KJ Kowalski, JG Kusiel, JE Buendia-Buendia, <u>MS Cuoco</u>, P Exman, SA Wander, AG Waks, U Nayar, J Chung, S Freeman, O Rozenblatt-Rosen, VA Miller, F Piccioni, DE Root, A Regev, EP Winer, NU Lin, N Wagle Clinical cancer research: an official journal of the American Association for Cancer Research doi.org/10.1158/1078-0432.CCR-19-3958

Jun 24, 2020 A single-cell landscape of high-grade serous ovarian cancer.

B Izar, I Tirosh, EH Stover, I Wakiro, MS Cuoco, I Alter, C Rodman, R Leeson, MJ Su, P Shah, M Iwanicki, SR Walker, A Kanodia, JC Melms, S Mei, JR Lin, CBM Porter, M Slyper, J Waldman, L Jerby-Arnon, O Ashenberg, TJ Brinker, C Mills, M Rogava, S Vigneau, PK Sorger, LA Garraway, PA Konstantinopoulos, JF Liu, U Matulonis, BE Johnson, O Rozenblatt-Rosen, A Rotem, A Regev Nature medicine doi.org/10.1038/s41591-020-0926-0

Nov 1, 2020 Pan-cancer single-cell RNA-seq identifies recurring programs of cellular heterogeneity.

GS Kinker, AC Greenwald, R Tal, Z Orlova, MS Cuoco, JM McFarland, A Warren, C Rodman, JA Roth, SA Bender, B Kumar, JW Rocco, PACM Fernandes, CC Mader, H Keren-Shaul, A Plotnikov, H Barr, A Tsherniak, O Rozenblatt-Rosen, V Krizhanovsky, SV Puram, A Regev, I Tirosh

Nature genetics doi.org/10.1038/s41588-020-00726-6

Dec 5, 2019 IL-33 Signaling Alters Regulatory T Cell Diversity in Support of Tumor Development.

A Li, RH Herbst, D Canner, JM Schenkel, OC Smith, JY Kim, M Hillman, A Bhutkar, MS Cuoco, CG Rappazzo, P Rogers, C Dang, L Jerby-Arnon, O Rozenblatt-Rosen, L Cong, M Birnbaum, A Regev, T Jacks

Cell reports doi.org/10.1016/j.celrep.2019.10.120

Dec 12, 2018 Acquired HER2 mutations in ER+ metastatic breast cancer confer resistance to estrogen receptordirected therapies.

U Nayar, O Cohen, C Kapstad, MS Cuoco, AG Waks, SA Wander, C Painter, S Freeman, NS Persky, L Marini, K Helvie, N Oliver, O Rozenblatt-Rosen, CX Ma, A Regev, EP Winer, NU Lin, N Wagle Nature genetics doi.org/10.1038/s41588-018-0287-5

Nov 6, 2018 A Cancer Cell Program Promotes T Cell Exclusion and Resistance to Checkpoint Blockade.

L Jerby-Arnon, P Shah, MS Cuoco, C Rodman, MJ Su, JC Melms, R Leeson, A Kanodia, S Mei, JR Lin, S Wang, B Rabasha, D Liu, G Zhang, C Margolais, O Ashenberg, PA Ott, El Buchbinder, R Haq, FS Hodi, GM Boland, RJ Sullivan, DT Frederick, B Miao, T Moll, KT Flaherty, M Herlyn, RW Jenkins, R Thummalapalli, MS Kowalczyk, I Cañadas, B Schilling, ANR Cartwright, AM Luoma, S Malu, P Hwu, C Bernatchez, MA Forget, DA Barbie, AK Shalek, I Tirosh, PK Sorger, K Wucherpfennig, EM Van Allen, D Schadendorf, BE Johnson, A Rotem, O Rozenblatt-Rosen, LA Garraway, CH Yoon, B Izar, A Regev *Cell* doi.org/10.1016/j.cell.2018.09.006

Sep 14, 2017 The neuropeptide NMU amplifies ILC2-driven allergic lung inflammation.

A Wallrapp, SJ Riesenfeld, PR Burkett, RE Abdulnour, J Nyman, D Dionne, M Hofree, MS Cuoco, C Rodman, D Farouq, BJ Haas, TL Tickle, JJ Trombetta, P Baral, CSN Klose, T Mahlakõiv, D Artis, O Rozenblatt-Rosen, IM Chiu, BD Levy, MS Kowalczyk, A Regev, VK Kuchroo

Nature doi.org/10.1038/nature24029

Apr 29, 2015 Whole genome comparison of a large collection of mycobacteriophages reveals a continuum of phage genetic diversity.

WH Pope, CA Bowman, DA Russell, D Jacobs-Sera, DJ Asai, SG Cresawn, WR Jacobs, RW Hendrix, JG Lawrence, GF Hatfull MS Cuoco listed at co-investigator eLife doi.org/10.7554/eLife.06416

Preprint

Feb 2, 2021 Multicellular immune hubs and their organization in MMRd and MMRp colorectal cancer

K Pelka, M Hofree, J Chen, S Sarkizova, JD Pirl, V Jorgji, A Bejnood, D Dionne, WH Ge, KH Xu, SX Chao, DR Zollinger, DJ Lieb, JW Reeves, CA Fuhrman, ML Hoang, T Delorey, LT Nguyen, J Waldman, M Klapholz, I Wakiro, O Cohen, CS Smillie, MS Cuoco, J Wu, M-j Su, J Yeung, B Vijaykumar, AM Magnuson, N Asinovski, T Moll, MN Goder-Reiser, AS Applebaum, LK Brais, LK DelloStritto, SL Denning, ST Phillips, EK Hill, JK Meehan, DT Frederick, T Sharova, A Kanodia, EZ Todres, NA J bioRxiv doi.org/10.1101/2021.01.30.426796

Feb 1, 2021 Multicellular immune hubs and their organization in MMRd and MMRp colorectal cancer

K Pelka, M Hofree, J Chen, S Sarkizova, JD Pirl, V Jorgji, A Bejnood, D Dionne, WH Ge, KH Xu, SX Chao, DR Zollinger, DJ Lieb, JW Reeves, CA Fuhrman, ML Hoang, T Delorey, LT Nguyen, JA Waldmann, M Klapholz, I Wakiro, O Cohen, CS Smillie, MS Cuoco, J Wu, M-j Su, J Yeung, B Vijaykumar, AM Magnuson, N Asinovski, T Moll, MN Goder-Reiser, AS Applebaum, LK Brais, LK DelloStritto, SL Denning, ST Phillips, EK Hill, JK Meehan, DT Frederick, T Sharova, A Kanodia, EZ Todres bioRxiv doi.org/10.1101/2021.01.30.426796

Sep 13, 2020 Multi-modal pooled Perturb-CITE-Seq screens in patient models define novel mechanisms of cancer immune evasion

CJ Frangieh, JC Melms, Pl Thakore, KR Geiger-Schuller, P Ho, AM Luoma, BR Cleary, S Malu, MS Cuoco, M Zhao, M Rogava, L Hovey, A Rotem, C Bernatchez, KW Wucherpfennig, BE Johnson, O Rozenblatt-Rosen, D Schadendorf, A Regev, B Izar bioRxiv doi.org/10.1101/2020.09.01.267211

Aug 25, 2020 Single-nucleus and spatial transcriptomics of archival pancreatic cancer reveals multi-compartment reprogramming after neoadjuvant treatment

WL Hwang, KA Jagadeesh, JA Guo, HI Hoffman, P Yadollahpour, R Mohan, E Drokhlyansky, N Van Wittenberghe, O Ashenberg, S Farhi, D Schapiro, JW Reeves, DR Zollinger, G Eng, JM Schenkel, WA Freed-Pastor, C Rodrigues, J Gould, C Lambden, C Porter, A Tsankov, D Dionne, D Abbondanza, J Waldman, MS Cuoco, L Nguyen, T Delorey, D Phillips, D Ciprani, M Kern, A Mehta, K Fuhrman, R Fropf, JM Beechem, JS Loeffler, DP Ryan, CD Weekes, DT Ting, CR Ferrone, JY Wo, TS Hong, AJ Aguirre, NA Rozen bioRxiv doi.org/10.1101/2020.08.25.267336

Jul 1, 2020 RAAS blockade, kidney disease, and expression of ACE2, the entry receptor for SARS-CoV-2, in kidney epithelial and endothelial cells

A Subramanian, K Vernon, M Slyper, J Waldman, MD Luecken, K Gosik, D Dubinsky, MS Cuoco, K Keller, J Purnell, L Nguyen, D Dionne, O Rozenblatt-Rosen, A Weins, Human Cell Atlas Lung Biological Network, A Regev, A Greka bioRxiv doi.org/10.1101/2020.06.23.167098

Jun 5, 2020 Cycling cancer persister cells arise from lineages with distinct transcriptional and metabolic programs

Y Oren, M Tsabar, HF Cabanos, MS Cuoco, E Zaganjor, PI Thakore, M Tabaka, CP Fulco, SA Hurvitz, DJ Slamon, G Lahav, A Hata, JS Brugge, A Regev

bioRxiv doi.org/10.1101/2020.06.05.136358

Apr 21, 2020 Integrated analyses of single-cell atlases reveal age, gender, and smoking status associations with cell type-specific expression of mediators of SARS-CoV-2 viral entry and highlights inflammatory programs in putative target cells

C Muus, MD Luecken, G Eraslan, A Waghray, G Heimberg, L Sikkema, Y Kobayashi, ED Vaishnav, A Subramanian, C Smillie, K Jagadeesh, ET Duong, E Fiskin, E Torlai Triglia, C Becavin, M Ansari, P Cai, B Lin, J Buchanan, S Chen, J Shu, AL Haber, H Chung, DT Montoro, T Adams, H Aliee, SJ Allon, Z Andrusivova, I Angelidis, O Ashenberg, K Bassler, C Becavin, I Benhar, J Bergenstrahle, L Bergenstrahle, L Bolt, E Braun, LT Bui, M Chaffin, E Chichelnitskiy, J Chiou, TM Conlon, MS Cuoco, M Deprez, NA Fisc bioRxiv doi.org/10.1101/2020.04.19.049254

Mar 20, 2020 Transcriptional mediators of treatment resistance in lethal prostate cancer

MX He, MS Cuoco, J Crowdis, A Bosma-Moody, Z Zhang, K Bi, A Kanodia, M-J Su, C Rodman, L DelloStritto, P Shah, KP Burke, B Izar, Z Bakouny, AK Tewari, D Liu, SY Camp, NI Vokes, J Park, S Vigneau, L Fong, O Rozenblatt-Rosen, A Regev, A Rotem, M-E Taplin, EM Van Allen

bioRxiv doi.org/10.1101/2020.03.19.998450

Oct 21, 2019 Pan-cancer single cell RNA-seq uncovers recurring programs of cellular heterogeneity

GS Kinker, AC Greenwald, R Tal, Z Orlova, MS Cuoco, JM McFarland, A Warren, C Rodman, JA Roth, SA Bender, B Kumar, JW Rocco, PA Fernandes, CC Mader, H Keren-Shaul, A Plotnikov, H Barr, A Tsherniak, O Rozenblatt-Rosen, V Krizhanovsky, SV Puram, A Regev, I Tirosh

bioRxiv doi.org/10.1101/807552

Oct 7, 2019 Acquired FGFR and FGF alterations confer resistance to estrogen receptor (ER) targeted therapy in ER+ metastatic breast cancer

P Mao, O Cohen, KJ Kowalski, JG Kusiel, JE Buendia-Buendia, MS Cuoco, P Exman, SA Wander, AG Waks, U Nayar, J Chung, S Freeman, O Rozenblatt-Rosen, VA Miller, F Federica Piccioni, DE Root, A Regev, EP Winer, NU Lin, N Wagle bioRxiv doi.org/10.1101/605436

Sep 4, 2019 The enteric nervous system of the human and mouse colon at a single-cell resolution

E Drokhlyansky, CS Smillie, N Van Wittenberghe, M Ericsson, GK Griffin, D Dionne, MS Cuoco, MN Goder-Reiser, T Sharova, AJ Aguirre, GM Boland, D Graham, O Rozenblatt-Rosen, RJ Xavier, A Regev bioRxiv doi.org/10.1101/746743

Aug 4, 2019 Opposing immune and genetic forces shape oncogenic programs in synovial sarcoma

L Jerby, C Neftel, ME Shore, MJ McBride, B Haas, B Izar, HR Weissman, A Volorio, G Boulay, L Cironi, AR Richman, LC Broye, JM Gurski, CC Luo, R Mylvaganam, L Nguyen, S Mei, Jc Melms, C Georgescu, O Cohen, JE Buendia-Buendia, MS Cuoco, D Labes, DR Zollinger, JM Beechem, P Nielsen, I Chebib, G Cote, E Choy, I Letovanec, S Cherix, N Wagle, PK Sorger, AB Haynes, JT Mullen, I Stamenkovic, MN Rivera, C Kadoch, O Rozenblatt-Rosen, ML Suva, N Riggi, A Regev bioRxiv doi.org/10.1101/724302

Jan 6, 2019 Longitudinal single cell profiling of regulatory T cells identifies IL-33 as a driver of tumor immunosuppression

A Li, RH Herbst, D Canner, JM Schenkel, OC Smith, JY Kim, M Hillman, A Bhutkar, MS Cuoco, CG Rappazzo, P Rogers, CQ Dang, O Rozenblatt-Rosen, L Cong, M Birnbaum, A Regev, T Jacks bioRxiv doi.org/10.1101/512905

Publications and preprints are updated programmatically.

Presentations

Talks

Apr 2020	The cellular origins of drug resistance in cancer Regev Lab Staff Meeting; Cambridge, Massachusetts
Oct 2018	CRISPR screening for regulators of cancer immune checkpoint inhibitor resistance
May 2017	Regev Lab Science Days Retreat; Cambridge, Massachusetts Understanding the mechanisms of drug resistance in melanoma Regev Lab Staff Meeting; Cambridge, Massachusetts
May 2016	In vitro modeling and analysis of chromosome 8p arm-level deletion using CRISPR-Cas9. Trinity College Biology Department; Hartford, Connecticut
Aug 2015	In vitro modeling and analysis of chromosome 8p arm-level deletion using CRISPR-Cas9. Meyerson Lab Group Meeting; Boston, Massachusetts
Aug 2014	Genome engineering to generate models of chromosome arm-level aneuploidies. Meyerson Lab Group Meeting; Boston, Massachusetts
Nov 2012	The role of the FANCD2 gene in Fanconi Anemia and DNA repair. Concord-Carlisle High School STEM series; Concord, Massachusetts

Posters	
Dec 2019	Metabolic switching underlies the ability of cancer persister cells to cycle under drug treatment. Annual Broad Institute Retreat; Boston, Massachusetts
Feb 2019	Targeting the root of non-genetic cancer relapse using an expressed barcode library. Annual Klarman Cell Observatory Retreat; Cambridge, Massachusetts
Dec 2018	Discovering the master regulators of immune checkpoint inhibitor resistance in melanoma with Perturb-Seq. Annual Broad Institute Retreat; Boston, Massachusetts
Jul 2018	Single-cell RNA-Seq of melanoma ecosystems reveals sources of T cell exclusion linked to immunotherapy clinical outcomes. Annual Broad Institute-Israel Science Foundation Symposium; Cambridge, Massachusetts
Jun 2018	The Center for Cancer Precision Medicine enables exploration of immunotherapy resistance in melanoma at the single-cell level. Annual Dana-Farber / Harvard Cancer Center Genetics Retreat; Boston, Massachusetts
May 2016	In vitro modeling and analysis of chromosome 8p arm-level deletion using CRISPR-Cas9. Trinity College Annual Spring Research Symposium; Hartford, Connecticut

May 2013 Review of integrase-mediated site-specific recombination in mycobacteriophage species.

Trinity College Annual Spring Research Symposium; Hartford, Connecticut

Service

2018 Patient Ambassador

Boston, Massachusetts

Dana-Farber Cancer Institute

➤ Escorted patients to appointments across the Longwood Medical Area

Skills

R (advanced), Bash, Matlab, Python tissue dissociation, cell line culture, flow cytometry plasmid cloning, CRISPR gene editing, RNA-seq, ATAC-seq Programming Cellular biology Molecular biology