

# Stanford

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## Ami Bhatt

Assistant Professor of Medicine (Hematology) and of Genetics  
Medicine - Hematology

### Bio

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#### BIO

In perpetual awe of how 'simple' microbial organisms can perturb complex, multicellular eukaryotic organisms, Ami Bhatt has chosen to dedicate her research program to inspecting, characterizing and dissecting the microbe-human interface. Nowhere is the interaction between hosts and microbes more potentially impactful than in immunocompromised hosts and global settings where infectious and environmental exposures result in drastic and sometimes fatal health consequences.

Ami's group identifies problems and questions that arise in the course of routine clinical care. Often in collaboration with investigators at Stanford and beyond, the group applies modern genetic, molecular and computational techniques to seek answers to these questions, better understand host-microbe interactions and decipher how perturbation of these interactions may result in human disease phenotypes.

#### ACADEMIC APPOINTMENTS

- Assistant Professor, Medicine - Hematology
- Assistant Professor, Genetics
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute
- Faculty Fellow, Stanford ChEM-H

#### ADMINISTRATIVE APPOINTMENTS

- Director of Global Oncology, Center for Innovation in Global Health, (2014- present)

#### HONORS AND AWARDS

- Chen Award of Excellence, Human Genome Organisation (HUGO) (2018)
- Baxter Foundation Fellow, Baxter Foundation (2018)
- Hall/Sewankambo Mid-Career Global Health Award, Consortiums of Universities for Global Health (2017)
- Damon Runyon Clinical Investigator Award, Damon Runyon Foundation (2016)
- McCormick and Gabilan Fellowship, Stanford University (2016)
- Rosenkranz Prize for Healthcare Research in Developing Countries, Stanford University (2016)
- World Cancer Young Leader Award, Union for International Cancer Control (2016)
- NCI K08 Mentored Clinical Scientist CDA, National Cancer Institute (2014)
- ASCO Young Investigator Award, ASCO (2013)

- ASH Scholar Award, American Society of Hematology (2013)
- Amy Strelzer Manasevit Scholar, National Marrow Donor Program (2013)
- Barr Innovative Basic Science Research Award, Dana-Farber Cancer Institute (2013)
- Career Development Award (Fellow), Leukemia and Lymphoma Society (2013)
- AACR Clinical and Translational Fellowship, AACR (2012)
- Alpha Omega Alpha, UCSF (2007)
- Chancellor's Fellowship, UCSF (2004)
- Richard Fineberg Award for Excellence in Teaching, UCSF (2002)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Editorial Board Member, Blood (2018 - present)
- Editorial Board Member, Journal of Global Oncology, ASCO (2015 - present)
- Editorial Board Member, Seminars in Hematology (2016 - present)
- Editorial Board Member, The Oncologist (2013 - 2018)

## **PROFESSIONAL EDUCATION**

- Post-doctoral Fellowship, Broad Institute of Harvard and MIT (2014)
- Hematology/Oncology Fellowship, Dana-Farber Cancer Institute, Harvard Medical School (2014)
- Chief Residency, Brigham and Women's Hospital, Harvard Medical School (2011)
- Residency, Brigham and Women's Hospital, Harvard Medical School (2009)
- MD, University of California, San Francisco , Medicine (2007)
- PhD, University of California, San Francisco , Biochemistry and Molecular Biology (2005)

## **COMMUNITY AND INTERNATIONAL WORK**

- Global Oncology (Co-Founder, Co-President)

## **LINKS**

- My Lab Website: <http://bhattlab.com>
- Global Oncology Website (non-profit): <http://globalonc.org>

## **Research & Scholarship**

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### **CURRENT RESEARCH AND SCHOLARLY INTERESTS**

Our lab seeks to exhaustively characterize the dynamics of the microbiome in patients with noncommunicable diseases (cancer, cardiometabolic disease), and to explore how changes in the microbiome are associated with clinical outcomes in this population.

Our Lab's Goals and Objectives:

- a) We strive to better understand what microbial genes do, and how these genes are regulated
- b) We hope to understand if shifts in the microbiome are associated with human disease phenotypes.
- c) If alterations in the microbiome are associated with human disease phenotypes, develop methods to modify the composition of the microbiome or target specific microbial gene products with the hope of ameliorating these disease phenotypes.

### **CLINICAL TRIALS**

- Fructooligosaccharides in Treating Patients With Blood Cancer Undergoing Donor Stem Cell Transplant, Not Recruiting

## PROJECTS

- Globalizing oncology care, education and research - Stanford University & Global Oncology, Inc.
- Genomic characterization of an Infection-associated cancer - Stanford University and Bilharz Research Institute
- Metagenotype to phenotype - Stanford University
- Genetic determinants of microbial virulence

## Teaching

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### COURSES

#### 2019-20

- Advanced Seminar on Prokaryotic Molecular Biology: BIO 346, CSB 346, GENE 346 (Aut, Win, Spr)
- Genetics and Developmental Biology Training Camp: DBIO 200, GENE 200 (Aut)

#### 2018-19

- Advanced Seminar on Prokaryotic Molecular Biology: BIO 346, CSB 346, GENE 346 (Aut, Win, Spr)
- Genetics and Developmental Biology Training Camp: DBIO 200, GENE 200 (Aut)
- Gut Microbiota in Health and Disease: BIOE 221G, GENE 208, MI 221 (Spr)

#### 2017-18

- Advanced Seminar on Prokaryotic Molecular Biology: BIO 346, CSB 346, GENE 346 (Aut, Win)

#### 2016-17

- Gut Microbiota in Health and Disease: BIOE 221G, MI 221 (Spr)

### STANFORD ADVISEES

#### Doctoral Dissertation Reader (AC)

Keyla Badillo Rivera, Kyomi Igarashi, Bryan Merrill, Ragini Phansalkar, Aparna Rajpurkar

#### Postdoctoral Faculty Sponsor

Hila Sberro Livnat, Soumaya Zlitni

#### Doctoral Dissertation Advisor (AC)

Matt Durrant, Brayon Fremin, Dylan Maghini, Ben Siranosian

#### Doctoral Dissertation Co-Advisor (AC)

Alvin Han

#### Postdoctoral Research Mentor

Chris Severyn, Soumaya Zlitni

### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Informatics (Phd Program)
- Genetics (Phd Program)
- Hematology (Fellowship Program)
- Oncology (Fellowship Program)

## Publications

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### PUBLICATIONS

- **Large-Scale Analyses of Human Microbiomes Reveal Thousands of Small, Novel Genes.** *Cell*  
Sberro, H., Fremin, B. J., Zlitni, S., Edfors, F., Greenfield, N., Snyder, M. P., Pavlopoulos, G. A., Kyrpides, N. C., Bhatt, A. S.  
2019
- **Surveying Gut Microbiome Research in Africans: Toward Improved Diversity and Representation.** *Trends in microbiology*  
Brewster, R., Tamburini, F. B., Asimwe, E., Oduaran, O., Hazelhurst, S., Bhatt, A. S.  
2019
- **Precision identification of diverse bloodstream pathogens in the gut microbiome** *NATURE MEDICINE*  
Tamburini, F. B., Andermann, T. M., Tkachenko, E., Senchyna, F., Banaei, N., Bhatt, A. S.  
2018; 24 (12): 1809-+
- **High-quality genome sequences of uncultured microbes by assembly of read clouds** *NATURE BIOTECHNOLOGY*  
Bishara, A., Moss, E. L., Kolmogorov, M., Parada, A. E., Weng, Z., Sidow, A., Dekas, A. E., Batzoglou, S., Bhatt, A. S.  
2018; 36 (11): 1067-+
- **Digesting New Developments in Biosensors** *NEW ENGLAND JOURNAL OF MEDICINE*  
Bhatt, A. S.  
2018; 379 (7): 686-88
- **Microbiome genome structure drives function.** *Nature microbiology*  
Durrant, M. G., Bhatt, A. S.  
2019; 4 (6): 912-13
- **Making the microbiome personal** *NATURE MEDICINE*  
Bhatt, A. S.  
2019; 25 (5): 708
- **Diversity of resistance mechanisms in carbapenem-resistant Enterobacteriaceae at a health care system in Northern California, from 2013 to 2016** *DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE*  
Senchyna, F., Gaur, R. L., Sandlund, J., Truong, C., Tremintin, G., Kutz, D., Gomez, C. A., Tamburini, F. B., Andermann, T., Bhatt, A., Tickler, I., Watz, N., Budvytiene, et al  
2019; 93 (3): 250-57
- **Whole blood RNA sequencing reveals a unique transcriptomic profile in patients with ARDS following hematopoietic stem cell transplantation** *RESPIRATORY RESEARCH*  
Englert, J. A., Cho, M. H., Lamb, A. E., Shumyatcher, M., Barragan-Bradford, D., Basil, M. C., Higuera, A., Isabelle, C., Vera, M., Dieffenbach, P. B., Fredenburgh, L. E., Kang, J. B., Bhatt, et al  
2019; 20
- **Whole blood RNA sequencing reveals a unique transcriptomic profile in patients with ARDS following hematopoietic stem cell transplantation.** *Respiratory research*  
Englert, J. A., Cho, M. H., Lamb, A. E., Shumyatcher, M., Barragan-Bradford, D., Basil, M. C., Higuera, A., Isabelle, C., Vera, M. P., Dieffenbach, P. B., Fredenburgh, L. E., Kang, J. B., Bhatt, et al  
2019; 20 (1): 15
- **Evaluating Barriers and Opportunities in Delivering High-Quality Oncology Care in a Resource-Limited Setting Using a Comprehensive Needs Assessment Tool** *JOURNAL OF GLOBAL ONCOLOGY*  
Nwachukwu, C. R., Mudasiru, O., Million, L., Sheth, S., Qamoos, H., Onah, J. O., Okemini, A., Rhodes, M., Barry, M., Banjo, A. A., Habeebu, M., Olasinde, T. A., Bhatt, et al  
2018; 4
- **Evaluating Barriers and Opportunities in Delivering High-Quality Oncology Care in a Resource-Limited Setting Using a Comprehensive Needs Assessment Tool.** *Journal of global oncology*  
Nwachukwu, C. R., Mudasiru, O., Million, L., Sheth, S., Qamoos, H., Onah, J. O., Okemini, A., Rhodes, M., Barry, M., Banjo, A. A., Habeebu, M., Olasinde, T. A., Bhatt, et al

2018; 1–9

- **Institutionalizing healthcare hackathons to promote diversity in collaboration in medicine** *BMC MEDICAL EDUCATION*  
Wang, J. K., Roy, S. K., Barry, M., Chang, R. T., Bhatt, A. S.  
2018; 18
- **Institutionalizing healthcare hackathons to promote diversity in collaboration in medicine.** *BMC medical education*  
Wang, J. K., Roy, S. K., Barry, M., Chang, R. T., Bhatt, A. S.  
2018; 18 (1): 269
- **Persistence of endothelial thrombomodulin in a patient with infectious purpura fulminans treated with protein C concentrate** *BLOOD ADVANCES*  
Bendapudi, P. K., Robbins, A., LeBoeuf, N., Pozdnyakova, O., Bhatt, A., Duke, F., Sells, R., McQuiston, J., Humrighouse, B., Rouaisnel, B., Colling, M., Stephenson, K. E., Saavedra, et al  
2018; 2 (21): 2917–21
- **Persistence of endothelial thrombomodulin in a patient with infectious purpura fulminans treated with protein C concentrate.** *Blood advances*  
Bendapudi, P. K., Robbins, A., LeBoeuf, N., Pozdnyakova, O., Bhatt, A., Duke, F., Sells, R., McQuiston, J., Humrighouse, B., Rouaisnel, B., Colling, M., Stephenson, K. E., Saavedra, et al  
2018; 2 (21): 2917–21
- **Antibiotic practice patterns in hematopoietic cell transplantation: A survey of blood and marrow transplant clinical trials network centers** *AMERICAN JOURNAL OF HEMATOLOGY*  
Rashidi, A., Wangjam, T., Bhatt, A. S., Weisdorf, D. J., Holtan, S. G., BMT CTN Investigators  
2018; 93 (11): E348–E350
- **Diversity of resistance mechanisms in carbapenem-resistant Enterobacteriaceae at a health care system in Northern California, from 2013 to 2016.** *Diagnostic microbiology and infectious disease*  
Senchyna, F., Gaur, R. L., Sandlund, J., Truong, C., Tremintin, G., Kultz, D., Gomez, C. A., Tamburini, F. B., Andermann, T., Bhatt, A., Tickler, I., Watz, N., Budvytiene, et al  
2018
- **Data mining of digitized health records in a resource-constrained setting reveals that timely immunophenotyping is associated with improved breast cancer outcomes.** *BMC cancer*  
Lopez-Pineda, A., Rodriguez-Moran, M. F., Alvarez-Aguilar, C., Fuentes Valle, S. M., Acosta-Rosales, R., Bhatt, A. S., Sheth, S. N., Bustamante, C. D.  
2018; 18 (1): 933
- **Data mining of digitized health records in a resource-constrained setting reveals that timely immunophenotyping is associated with improved breast cancer outcomes** *BMC CANCER*  
Lopez-Pineda, A., Rodriguez-Moran, M. F., Alvarez-Aguilar, C., Fuentes Valle, S. M., Acosta-Rosales, R., Bhatt, A. S., Sheth, S. N., Bustamante, C. D.  
2018; 18
- **A Gut Commensal-Produced Metabolite Mediates Colonization Resistance to Salmonella Infection** *CELL HOST & MICROBE*  
Jacobson, A., Lam, L., Rajendram, M., Tamburini, F., Honeycutt, J., Trung Pham, Van Treuren, W., Pruss, K., Stabler, S., Lugo, K., Bouley, D. M., Vilches-Moure, J. G., Smith, M., et al  
2018; 24 (2): 296–+
- **A Gut Commensal-Produced Metabolite Mediates Colonization Resistance to Salmonella Infection.** *Cell host & microbe*  
Jacobson, A., Lam, L., Rajendram, M., Tamburini, F., Honeycutt, J., Pham, T., Van Treuren, W., Pruss, K., Stabler, S. R., Lugo, K., Bouley, D. M., Vilches-Moure, J. G., Smith, et al  
2018
- **The Microbiome and Hematopoietic Cell Transplantation: Past, Present, and Future** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*  
Andermann, T. M., Peled, J. U., Ho, C., Reddy, P., Riches, M., Storb, R., Teshima, T., van den Brink, M. M., Alousi, A., Balderman, S., Chiusolo, P., Clark, W. B., Holler, et al  
2018; 24 (7): 1322–40
- **Transient Osmotic Perturbation Causes Long-Term Alteration to the Gut Microbiota.** *Cell*  
Tropini, C., Moss, E. L., Merrill, B. D., Ng, K. M., Higginbottom, S. K., Casavant, E. P., Gonzalez, C. G., Fremin, B., Bouley, D. M., Elias, J. E., Bhatt, A. S., Huang, K. C., Sonnenburg, et al  
2018; 173 (7): 1742

- **Transient Osmotic Perturbation Causes Long-Term Alteration to the Gut Microbiota** *CELL*  
Tropini, C., Moss, E., Merrill, B., Ng, K., Higginbottom, S., Casavant, E., Gonzalez, C., Fremin, B., Bouley, D., Elias, J., Bhatt, A., Huang, K., Sonnenburg, et al  
2018; 173 (7): 1742-+
- **AGBT meeting report** *GENOME BIOLOGY*  
Bhatt, A. S., Curtis, C.  
2018; 19: 60
- **The Microbiome and Hematopoietic Cell Transplantation: Past, Present, and Future.** *Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation*  
Andermann, T. M., Peled, J. U., Ho, C., Reddy, P., Riches, M., Storb, R., Teshima, T., van den Brink, M. R., Alousi, A., Balderman, S., Chiusolo, P., Clark, W. B., Holler, et al  
2018
- **In Translation: With probiotics, resistance is not always futile** *Cell Host & Microbe*  
Severyn, C. J., Bhatt, A. S.  
2018; 24: 334-336
- **With Probiotics, Resistance Is Not Always Futile.** *Cell host & microbe*  
Severyn, C. J., Bhatt, A. S.  
2018; 24 (3): 334-36
- **Read cloud sequencing elucidates microbiome dynamics in a hematopoietic cell transplant patient**  
Kang, J., Siranosian, B., Moss, E., Andermann, T., Bhatt, A., Zheng, H., Callejas, Z., Griol, D., Wang, H., Hu, Schmidt, H., Baumbach, J., Dickerson, J., et al  
IEEE.2018: 234-41
- **Household triclosan and triclocarban effects on the infant and maternal microbiome** *EMBO MOLECULAR MEDICINE*  
Ribado, J. V., Ley, C., Haggerty, T. D., Tkachenko, E., Bhatt, A. S., Parsonnet, J.  
2017; 9 (12): 1732-41
- **Allied Commensal Forces against Vancomycin-Resistant Enterococci** *CELL HOST & MICROBE*  
Fremin, B. J., Bhatt, A. S.  
2017; 21 (5): 559-60
- **Quantitative Computed Tomography Assessment of Bronchiolitis Obliterans Syndrome after Lung Transplantation.** *Clinical transplantation*  
Gazourian, L., Ash, S., Meserve, E. E., Diaz, A., Estepar, R. S., El-Chemaly, S. Y., Rosas, I. O., Divo, M., Fuhlbrigge, A. L., Camp, P. C., Ho, V. T., Bhatt, A. S., Goldberg, et al  
2017
- **Technological solutions for global hematology and oncology** *BLOOD ADVANCES*  
Bhatt, A. S.  
2017; 1 (6): 396
- **Antibiotic-mediated modification of the intestinal microbiome in allogeneic hematopoietic stem cell transplantation** *BONE MARROW TRANSPLANTATION*  
Whangbo, J., Ritz, J., Bhatt, A.  
2017; 52 (2): 183-190
- **Microbes prevent HSPCs from "NOD"-ing off.** *Blood*  
Bhatt, A. S.  
2017; 129 (2): 139-140
- **Household triclosan and triclocarban effects on the infant and maternal microbiome.** *EMBO molecular medicine*  
Ribado, J. V., Ley, C., Haggerty, T. D., Tkachenko, E., Bhatt, A. S., Parsonnet, J.  
2017; 9 (12): 1732-41
- **Long-term taxonomic and functional divergence from donor bacterial strains following fecal microbiota transplantation in immunocompromised patients.** *PloS one*  
Moss, E. L., Falconer, S. B., Tkachenko, E., Wang, M., Systrom, H., Mahabamunuge, J., Relman, D. A., Hohmann, E. L., Bhatt, A. S.  
2017; 12 (8): e0182585

- **The Burden of Cancer in Asian Americans: A Report of National Mortality Trends by Asian Ethnicity** *CANCER EPIDEMIOLOGY BIOMARKERS & PREVENTION*  
Thompson, C. A., Gomez, S. L., Hastings, K. G., Kapphahn, K., Yu, P., Shariff-Marco, S., Bhatt, A. S., Wakelee, H. A., Patel, M. I., Cullen, M. R., Palaniappan, L. P.  
2016; 25 (10): 1371-1382
- **Infection Rates among Acute Leukemia Patients Receiving Alternative Donor Hematopoietic Cell Transplantation.** *Biology of blood and marrow transplantation*  
Ballen, K., Woo Ahn, K., Chen, M., Abdel-Azim, H., Ahmed, I., Aljurf, M., Antin, J., Bhatt, A. S., Boeckh, M., Chen, G., Dandoy, C., George, B., Laughlin, et al  
2016; 22 (9): 1636-1645
- **Antibiotics in Hematopoietic Cell Transplantation: Adversaries or Allies?** *BIOLOGY OF BLOOD AND MARROW TRANSPLANTATION*  
Andermann, T. M., Bhatt, A. S.  
2016; 22 (6): 972-974
- **Mapping global cancer research and control in areas of low and middle income: The need for shared data on a single, interactive platform**  
Chisti, A., Sharara, N., Gupta, M., Rosenberg, I., Abudu, R., Morgan, C., Duncan, K., Silkensen, S., Craycroft, J., Silva, J., Andre, B., Trimble, E., Bhatt, et al  
AMER SOC CLINICAL ONCOLOGY.2016
- **Increased GVHD-related mortality with broad-spectrum antibiotic use after allogeneic hematopoietic stem cell transplantation in human patients and mice** *SCIENCE TRANSLATIONAL MEDICINE*  
Shono, Y., Docampo, M. D., Peled, J. U., Perobelli, S. M., Velardi, E., Tsai, J. J., Slingerland, A. E., Smith, O. M., Young, L. F., Gupta, J., Lieberman, S. R., Jay, H. V., Ahr, et al  
2016; 8 (339)
- **Fecal Microbiota Transplant Is a Potentially Safe and Effective Treatment for Clostridium Difficile Infection in Hematopoietic Stem Cell Recipients**  
Falconer, S., Moss, E., Andermann, T., Systrom, H., Mahabamunuge, J., Hohmann, E., Bhatt, A. S.  
ELSEVIER SCIENCE INC.2016: S53-S54
- **Microbiota Manipulation With Prebiotics and Probiotics in Patients Undergoing Stem Cell Transplantation** *CURRENT HEMATOLOGIC MALIGNANCY REPORTS*  
Andermann, T. M., Rezvani, A., Bhatt, A. S.  
2016; 11 (1): 19-28
- **Microbiota Manipulation With Prebiotics and Probiotics in Patients Undergoing Stem Cell Transplantation.** *Current hematologic malignancy reports*  
Andermann, T. M., Rezvani, A., Bhatt, A. S.  
2016
- **Complete hematologic response of early T-cell progenitor acute lymphoblastic leukemia to the  $\gamma$ -secretase inhibitor BMS-906024: genetic and epigenetic findings in an outlier case.** *Cold Spring Harbor molecular case studies*  
Knoechel, B., Bhatt, A., Pan, L., Pedamallu, C. S., Severson, E., Gutierrez, A., Dorfman, D. M., Kuo, F. C., Kluk, M., Kung, A. L., Zweidler-McKay, P., Meyerson, M., Blacklow, et al  
2015; 1 (1)
- **Launching an Interactive Cancer Projects Map: A Collaborative Approach to Global Cancer Research and Program Development.** *Journal of global oncology*  
Trimble, E. L., Chisti, A. A., Craycroft, J. A., Duncan, K., Gupta, M., Gutierrez, D., Rosenberg, I., Sharara, N., Sivaram, S., Topazian, H. M., Wang, J. J., Williams, M. J., Huang, et al  
2015; 1 (1): 7-10
- **Epidemiologic Investigation of a Cluster of Neuroinvasive Bacillus cereus Infections in 5 Patients With Acute Myelogenous Leukemia.** *Open forum infectious diseases*  
Rhee, C., Klompas, M., Tamburini, F. B., Fremin, B. J., Chea, N., Epstein, L., Halpin, A. L., Guh, A., Gallen, R., Coulliette, A., Gee, J., Hsieh, C., Desjardins, et al  
2015; 2 (3): ofv096-?
- **The human microbiome in hematopoiesis and hematologic disorders.** *Blood*  
Manzo, V. E., Bhatt, A. S.  
2015; 126 (3): 311-318
- **DNA copy number analysis of metastatic urothelial carcinoma with comparison to primary tumors** *BMC CANCER*

Bambury, R. M., Bhatt, A. S., Riestler, M., Pedomallu, C. S., Duke, F., Bellmunt, J., Stack, E. C., Werner, L., Park, R., Iyer, G., Loda, M., Kantoff, P. W., Michor, et al

2015; 15

- **Complementary genomic approaches highlight the PI3K/mTOR pathway as a common vulnerability in osteosarcoma** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Perry, J. A., Kiezun, A., Tonzi, P., Van Allen, E. M., Carter, S. L., Baca, S. C., Cowley, G. S., Bhatt, A. S., Rheinbay, E., Pedomallu, C. S., Helman, E., Taylor-Weiner, A., McKenna, et al  
2014; 111 (51): E5564-E5573
- **Bacillus Cereus: A Leukemia-Specific, Neuroinvasive Pathogen?**  
Rhee, C., Manzo, V., Shea, T., Desjardins, C., van der Auwera, G., Young, S., Riley, A., DeAngelo, D. J., Baden, L. R., Gee, J., Meyerson, M., Klompas, M., Yokoe, et al  
AMER SOC HEMATOLOGY.2014
- **In Search of a Candidate Pathogen for Giant Cell Arteritis: Sequencing-Based Characterization of the Giant Cell Arteritis Microbiome** *ARTHRITIS & RHEUMATOLOGY*  
Bhatt, A. S., Manzo, V. E., Pedomallu, C. S., Duke, F., Cai, D., Bienfang, D. C., Padera, R. F., Meyerson, M., Docken, W. P.  
2014; 66 (7): 1939-1944
- **Comprehensive molecular characterization of urothelial bladder carcinoma** *NATURE*  
Weinstein, J. N., Akbani, R., Broom, B. M., Wang, W., Verhaak, R. G., McConkey, D., Lerner, S., Morgan, M., Creighton, C. J., Smith, C., Kwiatkowski, D. J., Cherniack, A. D., Kim, et al  
2014; 507 (7492): 315-322
- **Sequence-Based Discovery of Bradyrhizobium enterica in Cord Colitis Syndrome** *NEW ENGLAND JOURNAL OF MEDICINE*  
Bhatt, A. S., Freeman, S. S., Herrera, A. F., Pedomallu, C. S., Gevers, D., Duke, F., Jung, J., Michaud, M., Walker, B. J., Young, S., Earl, A. M., Kostic, A. D., Ojesina, et al  
2013; 369 (6): 517-528
- **NK-Cell and B-Cell Deficiency with a Thymic Mass** *NEW ENGLAND JOURNAL OF MEDICINE*  
Ng, S., Fanta, C., Okam, M., Bhatt, A. S.  
2011; 364 (6): 586-588
- **MT-SP1 proteolysis and regulation of cell-microenvironment interactions** *FRONTIERS IN BIOSCIENCE-LANDMARK*  
Darragh, M. R., Bhatt, A. S., Craik, C. S.  
2008; 13: 528-539
- **Coordinate expression and functional profiling identify an extracellular proteolytic signaling pathway** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Bhatt, A. S., Welm, A., Farady, C. J., Vasquez, M., Wilson, K., Craik, C. S.  
2007; 104 (14): 5771-5776
- **Hepatocyte growth factor is a preferred in vitro substrate for human hepsin, a membrane-anchored serine protease implicated in prostate and ovarian cancers** *BIOCHEMICAL JOURNAL*  
Herter, S., Piper, D. E., Aaron, W., Gabriele, T., Cutler, G., Cao, P., Bhatt, A. S., Choe, Y., CRAIK, C. S., Walker, N., Meininger, D., Hoey, T., Austin, et al  
2005; 390: 125-136
- **Adhesion signaling by a novel mitotic substrate of src kinases** *ONCOGENE*  
Bhatt, A. S., Erdjument-Bromage, H., Tempst, P., CRAIK, C. S., Moasser, M. M.  
2005; 24 (34): 5333-5343
- **Substrates of the prostate-specific serine protease prostase/KLK4 defined by positional-scanning peptide libraries** *PROSTATE*  
Matsumura, M., Bhatt, A. S., Andress, D., Clegg, N., Takayama, T. K., CRAIK, C. S., Nelson, P. S.  
2005; 62 (1): 1-13
- **Quantitation of membrane type serine protease 1 (MT-SP1) in transformed and normal cells** *BIOLOGICAL CHEMISTRY*  
Bhatt, A. S., Takeuchi, T., Ylstra, B., Ginzinger, D., Albertson, D., Shuman, M. A., CRAIK, C. S.  
2003; 384 (2): 257-266