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TOPICS:

The following is an alphabetical index of specific research areas which are areas of study by the faculty members listed above. A faculty member may be listed under more than one research area. For example, one who studies the public health implications of patients co-infected with HIV and hepatitis virus might be listed under “public health”, “HIV”, and “hepatitis”.

Adenocarcinoma, lung	Miller (H-O, MSKCC)
Advance care planning	Finkelstein (Geri)
Amyloidosis	Landau (H-O, MSKCC)
Androgen receptor	Scher (H-O, MSKCC)
Androgens	Imperato-McGinley (Endo) Scher (H-O, MSKCC) Zhu (Endo)
Ankylosing spondylitis	Schwartzman (Rheum, HSS)
Antibiotic resistance	Rhee (ID) Weisenberg (ID)
Antiphospholipid syndrome	Erkan (Rheum, HSS) Lockshin (Rheum, HSS) Salmon (Rheum, HSS)
Antiviral therapy	Jacobson (GI)
ARDS	Kaner (Pulm)
Arrhythmias	Basson (Card) Lerman (Card) Stein (Card)
Arthritis, colitis associated	Schwartzman (Rheum, HSS)
Arthritis, inflammatory	Fields (Rheum) Mandl (Rheum) Schwartzman (Rheum, HSS)
Arthritis, reactive	Schwartzman (Rheum, HSS)
Artificial intelligence	Hollenberg (Gen Med)
Ascites	Sigal (GI)
Asthma	Crystal (Pulm)
Autoimmune disease	Erkan (Rheum, HSS) Ivashkiv (Rheum, HSS) Liou (Immun) Salmon (Rheum, HSS) Schwartzman (Rheum, HSS)
Bacterial flora, gut mucosa	Scherl (GI)

Barrett's esophagus	Schnoll-Sussman (GI)
Behavioral interventions	Peterson (Gen Med)
Biomarkers	Bosworth (GI) Cigler (H-O)
Bioterror agents	Golightly (ID)
Bisphosphonates	Farooki (Endo, MSKCC)
Bladder cancer	Nanus (H-O) Tagawa (H-O)
Bone marrow failure	Roboz (H-O)
Bone marrow transplantation	Hsu (H-O, MSKCC) Landau (H-O, MSKCC) Young (H-O, MSKCC)
Breast cancer	Cigler (H-O) Hudis (H-O, MSKCC) Traina (H-O, MSKCC)
CA125	Spriggs (H-O, MSKCC)
Cancer genetics	Dannenberg (GI) Lipkin (GI) MSKCC Gastroenterology and Nutrition Service (GI) Offit (MSKCC)
Cancer vaccines	Palomba (H-O, MSKCC)
Cardiac electrophysiology	Stein (Card)
Cardiac imaging	Weinsaft (Card)
Cardiac pacing	Stein (Card)
Cardiac toxicity	Schaffer (Card, MSKCC)
Cardiomyopathy	Basson (Card)
Cardiology, noninvasive	Okin (Card) Schaffer (Card, MSKCC) Weinsaft (Card)
Cardiovascular disease	Salmon (Rheum, HSS)
Cellular therapy	Suthanthiran (Renal)
Chemokines	Talal (GI) Scherl (GI)
Chemoprevention	Schnoll-Sussman (GI)
Chemotherapy, toxicity	Schaffer (Card, MSKCC)
Chronic lymphocytic leukemia	Furman (H-O) Liou (Immun) Palomba (H-O, MSKCC)
Cirrhosis	Jacobson (GI) Sigal (GI)
<i>Clostridium difficile</i>	Sepkowitz (ID, MSKCC)
Colorectal cancer	Dannenberg (GI) MSKCC Gastroenterology and Nutrition Service (GI) Schnoll-Sussman (GI)

Community-based research	Boutin-Foster (Gen.Med.) Pillemer (Geri) Reid (Geri)
Complement	Salmon (Rheum, HSS)
Complementary/alternative med.	Charlson (Gen Med) Deng (Gen Med, MSKCC)
Congenital heart disease	Basson (Card)
COPD	Crystal (Pulm) Kaner (Pulm)
Coronary artery disease	Feldman (Card) Moussa (Card) Schaffer (Card, MSKCC)
Cost effectiveness	Mushlin (PH)
Crohn's disease	Scherl (GI)
Cyclic AMP	Lerman (Card)
Decision analysis	Hollenberg (Gen Med)
Dementia	Lachs (Geri)
Dendritic cells	Ivashkiv (Rheum, HSS) Young (H-O, MSKCC)
Diabetes	Glesby (ID) Kizer (Card) Suthanthiran (Renal)
Domestic violence	Lachs (Geri)
EGFR mutations	Miller (H-O, MSKCC)
Elder abuse	Lachs (Geri)
Electronic medical record	Siegler (Geri)
Electrophysiology, cardiac	Stein (Card)
Emergency medicine	Lachs (Geri)
End of life	Adelman (Geri)
Epidemiology	Charlson (Gen Med) Mandl (Rheum) Peterson (Gen Med)
Epidemiology, hospital	Kamboj (ID, MSKCC) Sepkowitz (ID, MSKCC)
Epidemiology, molecular	Rhee (ID)
Epigenomics	Melnick (H-O)
Ethics	Raik (Geri)
Food, waterborne pathogen	Golightly (ID)
G proteins	Lerman (Card)
Gastrointestinal malignancies	Abou-Alfa (H-O, MSKCC)
Gene expression	Butler (Pulm) Crystal (Pulm) Offit (MSKCC) Tilley (Pulm)

Genitourinary cancer	Nanus (H-O) Tagawa (H-O)
Geriatric oncology	Ritchie (H-O) Traina (H-O, MSKCC)
Geriatric pharmacology	Reidenberg (Pharm)
Global Health	Fitzgerald (ID) Reidenberg (Pharm)
Gram-negative infection	Weisenberg (ID)
Gynecologic cancers	Spriggs (H-O, MSKCC)
Haiti	Fitzgerald (ID)
Health disparities	Boutin-Foster (Gen.Med.) Reid (Geri)
Health policy	Finkelstein (Geri) Siegler (Geri)
Hematologic malignancies	Furman (H-O) Liou (Immun) Leonard (H-O) Niesvizky (H-O) Ritchie (H-O) Roboz (H-O)
Hematopoiesis	Young (H-O, MSKCC)
HIV/AIDS	Fitzgerald (ID) Glesby (ID) Gulick (ID) Kaner (Pulm) Marks (ID) Vogler (ID) Wilkin (ID)
Hepatic steatosis	Glesby (ID)
Hepatic transplantation	Sigal (GI)
Hepatitis	Glesby (ID) Marks (ID) Jacobson (GI) Sepkowitz (ID, MSKCC) Talal (GI)
Hepatobiliary cancer	Abou-Alfa (H-O, MSKCC) O'Reilly (H-O, MSKCC)
History, medical	Siegler (Geri)
Hormonal therapy	Cigler (H-O)
Human papillomavirus (HPV)	Wilkin (ID)
Hypertension	August (Renal)
Immunology	Bosworth (GI) Ivashkiv (Rheum, HSS) Liou (Immun)

	Salmon (Rheum, HSS)
	Young (H-O, MSKCC)
Immunotherapy	Jurcic (H-O, MSKCC)
	Ryder (Endo, MSKCC)
Inflammatory bowel disease	Bosworth (GI)
	Dannenberg (GI)
	Scherl (GI)
Inflammation	Dannenberg (GI)
	Ivashkiv (Rheum, HSS)
	Liou (Immun)
Influenza	Smith (Immun)
Information technology	Casalino (PH)
	Cole (Gen.Med.)
	Hollenberg (Gen Med)
	Kaushal (Gen Med)
	Kern (Gen Med)
	Siegler (Geri)
Insulin resistance	Glesby (ID)
Integrative medicine	Deng (Gen Med, MSKCC)
Interleukins	Ivashkiv (Rheum, HSS)
	Smith (Immun)
Islet cell transplantation	Suthanthiran (Renal)
ITP	Bussel (H-O)
JAK	Ivashkiv (Rheum, HSS)
	Levine (H-O, MSKCC)
Joint replacement	Mandl (Rheum)
Leukemia	Hsu (H-O, MSKCC)
	Jurcic (H-O, MSKCC)
	Melnick (H-O)
	Nimer (H-O, MSKCC)
	Roboz (H-O)
Liver transplantation	Sigal (GI)
Lung cancer	Azzoli (H-O, MSKCC)
	Miller (H-O, MSKCC)
Lung disease	Butler (Pulm)
Lymphoma	Gerecitano (H-O, MSKCC)
	Leonard (H-O)
	Liou (Immun)
	Melnick (H-O)
	Palomba (H-O, MSKCC)
	Zelenetz (H-O, MSKCC)
Medical education	Raik (Geri)
Medical informatics	Cole (Gen. Med.)
	Wei (Gen. Med.)

Metabolomics	Dannenberg (GI)
Microbiology	Bosworth (GI)
Molecular epidemiology	Rhee (ID)
Multiple myeloma	Landau (H-O, MSKCC) Liou (Immun) Niesvizky (H-O)
Myelodysplastic syndromes	Nimer (H-O, MSKCC)
Myeloproliferative disorders	Levine (H-O, MSKCC) Roboz (H-O)
Natural killer (NK) cells	Hsu (H-O, MSKCC)
Noninvasive cardiology	Okin (Card) Weinsaft (Card)
Nutrigenomics	Dannenberg (GI)
Oncogenes	Liou (Immun) Melnick (H-O)
Osteoarthritis	Mandl (Rheum)
Osteonecrosis	Farooki (Endo, MSKCC)
Outcomes	Casalino (PH) Charlson (Gen Med) Kaushal (Gen Med) Kern (Gen Med) Mandl (Rheum) Mushlin (PH)
Ovarian cancer	Spriggs (H-O, MSKCC)
Palliative care	Adelman (Geri)
Pancreatic cancer	Abou-Alfa (H-O, MSKCC) MSKCC Gastroenterology and Nutrition Service (GI) O'Reilly (H-O, MSKCC) Schnoll-Sussman (GI)
Pancreatic cyst	Schnoll-Sussman (GI)
Pacing	Stein (Card)
Pain	Reid (Geri)
Pericardial disease	Schaffer (Card, MSKCC)
Peripheral vascular disease	Moussa (Card)
Peritonitis, spontaneous bacterial	Sigal (GI)
Pharmacogenomics	Reidenberg (Pharm)
Pharmacology, clinical	Reidenberg (Pharm)
PI3K/AKT signaling	Scher (H-O, MSKCC)
Plasmacytoma	Landau (H-O, MSKCC)
Platelets	Bussel (H-O) Feldman (Card) Kizer (Card) Krieger (Pulm)
Policy, health care	Casalino (PH)

	Kaushal (Gen Med)
	Kern (Gen Med)
	Reidenberg (Pharm)
Preeclampsia	August (Renal)
Pregnancy loss	Salmon (Rheum, HSS)
Prevention	Schnoll-Sussman (GI)
Prostate cancer	Nanus (H-O)
	Scher (H-O, MSKCC)
	Tagawa (H-O)
Prostate	Imperato-McGinley (Endo)
	Zhu (Endo)
Psoriatic arthritis	Schwartzman (Rheum, HSS)
Public Health	Casalino (PH)
	Mushlin (PH)
Pulmonary fibrosis	Kaner (Pulm)
Quality of care	Casalino (PH)
	Cole (Gen.Med.)
	Kaushal (Gen Med)
	Kern (Gen Med)
	Mushlin (PH)
Racial disparities	Boutin-Foster (Gen.Med.)
	Reid (Geri)
Renal cell cancer	Nanus (H-O)
	Tagawa (H-O)
Renal failure	August (Renal)
	Suthanthiran (Renal)
Renal transplantation	Gambarin-Gelwan (GI)
	Suthanthiran (Renal)
Rheumatoid arthritis	Salmon (Rheum, HSS)
	Schwartzman (Rheum, HSS)
Self-neglect	Pavlou (Geri)
Sepsis	Kaner (Pulm)
Sex hormones	Imperato-McGinley (Endo)
	Zhu (Endo)
Sleep apnea	Krieger (Pulm)
Sleep disorders	Krieger (Pulm)
Stem cells	Basson (Card)
Smoking	Butler (Pulm)
	Crystal (Pulm)
	Tilley (Pulm)
Spondyloarthropathies	Schwartzman (Rheum, HSS)
Substance abuse	Reid (Geri)
Sudden cardiac death	Stein (Card)
Systemic lupus erythematosus	Erkan (Rheum)

	Ivashkiv (Rheum, HSS)
	Lockshin (Rheum, HSS)
	Salmon (Rheum, HSS)
T cells	Ryder (Endo, MSKCC)
	Smith (Immun)
	Suthanthiran (Renal)
Tanzania	Fitzgerald (ID)
Thrombosis	Erkan (Rheum)
	Kizer (Card)
	Lockshin (Rheum, HSS)
Thyroid cancer	Ryder (Endo, MSKCC)
Transplant rejection	Suthanthiran (Renal)
	Liou (Immun)
Transplant tolerance	Suthanthiran (Renal)
	Young (H-O, MSKCC)
Travel-associated illness	Weisenberg (ID)
Tuberculosis	Fitzgerald (ID)
	Rhee (ID)
Vaccines	Sepkowitz (ID, MSKCC)
	Smith (Immun)
Vaccines, cancer	Palomba (H-O, MSKCC)
Vascular disorders	Basson (Card)
Ventricular tachycardia	Lerman (Card)
Vitamin D	Farooki (Endo, MSKCC)