

# Research Programs at NCI - Designated Cancer Centers Reported in 2010



| <b>Institution</b>                              | <b>Center Name</b>  |
|---|---|
| Name of Program                                 | Program Leader(s)   |
| <b>Albert Einstein College of Medicine</b>      | <b>Albert Einstein Cancer Research Center</b>               |
| Biology of Colon Cancer                         | Augenlicht, Leonard, PhD                                    |
| Cancer Epidemiology                             | Rohan, T., MD, PhD / Strickler, H., PhD                     |
| Cell Growth & Differentiation Control           | Skoultchi, A., PhD / Grealley, J., MB, PhD                  |
| Experimental Therapeutics                       | Horwitz, S., PhD / Perez-Soler, R., MD                      |
| Immunooncology                                  | Scharff, M. MD  |
| Molecular Membrane Biology                      | Stanley, Pamela, PhD  |
| Tumor Microenvironment & Metastasis             | Condeelis, John, PhD  |
| <i>Total Number of Programs - 7</i>             |   |
| <b>Baylor College of Medicine</b>               | <b>Dan L. Duncan Cancer Center</b>                          |
| Breast Cancer                                   | Medina, Daniel, PhD   |
| Cancer Biology                                  | Donehower, Lawrence, PhD                                    |
| Cancer Cell & Gene Therapy                      | Brenner, Malcolm, MD, PhD                                   |
| Cancer Prevention & Population Sciences         | El-Serag, Hashem, MD  |
| Nuclear Receptor                                | Conneely, Orla M., PhD                                      |
| Pediatric Cancer                                | Poplack, David G., MD                                       |
| Viral & Molecular Carcinogenesis                | Butel, Janet S., PhD  |
| <i>Total Number of Programs - 7</i>             |   |
| <b>Case Western Reserve University</b>          | <b>Case Comprehensive Cancer Center</b>                     |
| Aging-Cancer Research                           | Berger, N.A., MD / Rose, J.H., PhD                          |
| Cancer Cell Signaling                           | Stark, G., PhD / Brady-Kalnay, S., PhD                      |
| Cancer Genetics                                 | Markowitz, S., MD, PhD / Elston, R.C., PhD                  |
| Cancer Imaging Initiative                       | Basilion, J.P., PhD / Duerk, J.L., PhD                      |
| Cancer Prevention Control & Population Research | Cooper, G.S. / Flocke, S., PhD                              |
| Cell Death Regulation                           | Distelhorst, C., MD / Oleinick, N., PhD / Almasan, A., PhD  |
| Developmental Therapeutics                      | Dowlati, A., MD / Borden, E.C., MD                          |
| GU Malignancies                                 | Klein, E.A., MD / Heston, Warren D.W., PhD / Rini, B.I., MD |
| Stem Cells & Hematologic Malignancies           | Bunting, K.D., PhD / Lazarus, H.M., MD                      |
| Vascular Biology Initiative                     | McCrae, K., MD / Silverstein, R.L., MD                      |
| <i>Total Number of Programs - 10</i>            |   |
| <b>City of Hope Comprehensive Cancer Center</b> | <b>City of Hope Comprehensive Cancer Center</b>             |
| Cancer Biology                                  | Rossi, J., PhD / Pfeifer, G., PhD                           |
| Cancer Control and Population Sciences          | Bhatia, S., MD, MPH / Grant, M., RN, DNSc                   |
| Cancer Immunotherapeutics                       | Raubitschek, A., MD / Jensen, M., MD                        |
| Developmental Cancer Therapeutics               | Yen, Y., MD, PhD / Horne, Y., PhD                           |
| Hematologic Malignancies                        | Forman, S., MD / Bhatia, R., MD                             |
| <i>Total Number of Programs - 5</i>             |   |
| <b>Cold Spring Harbor Laboratory</b>            | <b>Cold Spring Harbor Laboratory</b>                        |
| Cancer Genetics Program                         | Hannon, Gregory, PhD  |
| Gene Regulation & Cell Proliferation Program    | Spector, David, PhD   |
| Signal Transduction Program                     | Tonks, Nicholas, PhD  |
| <i>Total Number of Programs - 3</i>             |   |

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| Institution  | Center Name  |
|--|--|
| <b>College of Physicians &amp; Surgeons, Columbia University</b> | <b><i>Herbert Irving Comprehensive Cancer Center</i></b>                                 |
| Breast Cancer  | Parsons, R., MD, PhD / Hershman, D., MD, MS  |
| Cancer Epidemiology  | Santella, R., PhD / Terry, M., PhD   |
| Cancer Genetics & Epigenetics                                    | Gautier, Jean, MD  |
| Cancer Signaling Networks  | Goff, S.P., PhD / Kitajewski, J., PhD  |
| Lymphoid Development & Malignancy                                | Dalla-Favera, R. MD  |
| Neuro-Oncology (DEV)   | Rosenfeld, S., MD, PhD   |
| Prevention, Control & Disparities                                | Neugut, Alfred I., MD, PhD   |
| Prostate Cancer  | Cordon-Cardo, C., MD, PhD / Petrylak, D., MD   |
| <i>Total Number of Programs - 8</i>                              |  |
| <b>Dana-Farber Cancer Institute</b>                              | <b><i>Dana-Farber / Harvard Cancer Center</i></b>  |
| Biostatistics  | Harrington, D., PhD / Betensky, R., PhD  |
| Breast Cancer  | Iglehart, J., MD / Goss, P., MD, PhD   |
| Cancer Cell Biology  | Kaelin, W., MD / Settleman, Jeffrey E., PhD  |
| Cancer Epidemiology  | Hankinson, S., ScD / Willett, W., PhD  |
| Cancer Genetics  | Dyson, Nicholas, PhD / Kwiatkowski, D., MD, PhD  |
| Cancer Immunology  | Dranoff, G., MD / Wucherpfennig, K., MD, PhD   |
| Cancer Risk Reduction  | Frazier, A. L., MD, SM / Viswanath, V., PhD / William, D. R., MPH, PhD                   |
| Gastrointestinal Malignancies                                    | Fuchs, C., MD / Mayer, R., MD / Shivdasani, R., PhD / Tanabe, K., MD                     |
| Gynecologic Cancer   | Birrer, M., MD / Cramer, D., MD / Cannistra, S., MD                                      |
| Kidney Cancer  | Atkins, M., MD / Lliopoulos, O., MD, Kaelin, W.G., MD                                    |
| Leukemia   | Look, A. T., MD / Scadden, D.T., MD / Pandolfi, P.P., MD, PhD / Armstrong, S.A., MD, PhD |
| Lung Cancer  | Johnson, B., MD / Christiani, D., MD / Engelman, MD, PhD                                 |
| Lymphoma & Myeloma   | Shipp, M., MD / Anderson, K., MD / Aster, Jon, MD, PhD                                   |
| Neuro-Oncology   | Stiles, Charles D., PhD / Martuza, R., MD  |
| Outcomes Research  | Ayanian, John Z., MD / Weeks, J., MD   |
| Prostate Cancer  | Kantoff, P., MD / Sanda, M., MD / Smith, M., MD, PhD                                     |
| Translational Pharmacology & Early Therapeutic Trials            | Kufe, D., MD / Chabner, B., MD   |
| <i>Total Number of Programs - 17</i>                             |  |
| <b>Dartmouth-Hitchcock Medical Center</b>                        | <b><i>Norris Cotton Cancer Center</i></b>  |
| Cancer Control   | Sargent, J.D., MD / Gerrard, M., PhD   |
| Cancer Epidemiology & Chemoprevention                            | Karagas, M., PhD / Dmitrovsky, E., MD  |
| Cancer Imaging & Radiobiology                                    | Paulsen, K.D., PhD / Swartz, H.M., MD, PhD   |
| Cancer Mechanisms  | Compton, Duane, PhD  |
| Immunology & Cancer Immunotherapy                                | Sentman, Charles, PhD  |
| Molecular Therapeutics   | Eastman, A., PhD / Perez, R., MD   |
| <i>Total Number of Programs - 6</i>                              |  |

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**Institution**

*Center Name*

**Duke University Medical Center**

*Duke Cancer Institute*

|  |   |
|--|---|
| Breast & Ovarian Oncology                                | Berchuck, A., MD / Seewaldt, V., MD                       |
| Cancer Biology   | Pendergast, A., PhD / Counter, C., PhD                    |
| Cancer Genetics & Genomics                               | Nevins, J., PhD / Willard, H., PhD                        |
| Cancer Prevention, Detection & Control                   | Abernethy, Amy, MD  |
| Cell Regulation & Transmembrane Signaling                | Caron, M., PhD / Means, A., PhD                           |
| Experimental Therapeutics                                | Spector, Neil, MD / Ali-Osman, F., DSc                    |
| Hematopoietic Cell Transplantation & Hematological Malig | Chao, N., MD / Kurtzberg, J., MD                          |
| Neurooncology  | Bigner, D., MD, PhD / Friedman, A., MD / Friedman, H., MD |
| Nucleic Acid Biology                                     | Cullen, B., PhD / Garcia-Blanco, M., PhD                  |
| Radiation Oncology                                       | Dewhirst, M., DVM, PhD / Willett, C., MD                  |
| Structural & Chemical Biology                            | Beese, L., PhD / Toone, E., PhD                           |

Total Number of Programs - 11

**Emory University**

*Winship Cancer Institute*

|  |   |
|--|---|
| Cancer Control & Population Sciences   | Bostick, R., MD, MPH / Miller, A., MD / Lipscomb, J., PhD / Glanz, K., PhD, MPH |
| Cancer Genetics & Epigenetics          | Doetsch, P., PhD / Vertino, P., PhD / Petros, J., MD                            |
| Discovery & Developmental Therapeutics | Khuri, F.R., MD / Shin, D., MD / Fu, H., PhD                                    |
| Molecular Pathways & Biomarkers        | Van Meir, E., PhD / Chung, L., PhD / Goodman, M., PhD / O'Reagan, R., MD        |

Total Number of Programs - 4

**Fox Chase Cancer Center**

*Fox Chase Cancer Center*

|                             |  |
|-----------------------------|--|
| Cancer Biology              | Testa, J.R., PhD / Chernoff, J., MD, PhD           |
| Cancer Prevention & Control | Clapper, M., PhD / Fang, C., PhD                   |
| Developmental Therapeutics  | Cohen, R., MD / Adams, G. PhD / Golemis, E.A., PhD |
| Viral Pathogenesis          | Rall, G.F., PhD / Wiest, D.L., PhD                 |
| Women's Cancer              | Godwin, A., PhD / Massimo, C., MD, FACP            |

Total Number of Programs - 5

**Fred Hutchinson Cancer Research Center**

*Fred Hutchinson / University of Washington Cancer Consortium*

|  |                                      |
|--|--------------------------------------|
| Basic Sciences   | Roberts, James., MD, PhD             |
| Biostatistics & Biomathematics                                 | Self, S., PhD / Kooperberg, C., PhD  |
| Cancer Imaging   | Eary, J., MD / Lehman, C., MD, PhD   |
| Cancer Prevention  | Newcomb, Polly, PhD                  |
| Clinical Transplant Research                                   | Appelbaum, Frederick, MD             |
| Epidemiology   | Vaughan, Thomas, MD, MPH             |
| Gastrointestinal Cancer Etiology, Prevention & Early Detection | Potter, J., MD, PhD / Grady, B., MD  |
| Genome Instability / Mutagenesis                               | Monnat, Raymond, MD                  |
| Immunology & Vaccine Development                               | Greenberg, P., MD / Lawrence, C., MD |
| Prostate Cancer Research                                       | Stanford, J., PhD / Nelson, P., MD   |
| Stem / Progenitor Cell Biology                                 | Torok-Storb, B., PhD / Blau, A., MD  |
| Transplantation Biology  | Storb, Rainer F., MD                 |
| Women's Cancer   | Porter, P., MD / Urban, N., MD       |

Total Number of Programs - 13

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| <b>Institution</b>   | <i>Center Name</i>  |                                      |
|--|---|--------------------------------------|
| <b>Georgetown Lombardi Comprehensive Cancer Center</b>                       | <i>Georgetown Lombardi Comprehensive Cancer Center</i>          |                                      |
| Breast Cancer (BC)   | Clarke, R., PhD / Isaacs, C., MD                                |                                      |
| Cancer Control (CC)  | Schwartz, Marc, PhD   |                                      |
| Carcinogenesis, Biomarkers, and Epidemiology (CBE)                           | Chung, F., PhD / Loffredo, C., PhD                              |                                      |
| Drug Discovery & Developmental Therapeutics (3DT)                            | Brown, M., MD, PhD / Marshall, J., MD                           |                                      |
| Growth Regulation of Cancer (GRC)  | Schlegel, R.C., MD, PhD / Furth, P., MD                         |                                      |
| Molecular Targets & Therapeutic Resistance (MTTR)                            | Notario, V., PhD / Rosen, E., MD, PhD                           |                                      |
|  |   | <i>Total Number of Programs - 6</i>  |
| <b>H. Lee Moffitt CC &amp; Research Institute at the Univ. of S. Florida</b> | <i>H. Lee Moffitt Cancer Center &amp; Research Institute</i>    |                                      |
| Experimental Therapeutics  | Haura, Eric, MD   |                                      |
| Health Outcomes & Behavior   | Jacobsen, Paul, PhD   |                                      |
| Immunology   | Djeu, J., PhD   |                                      |
| Molecular Oncology & Drug Discovery  | Seto, Ed, PhD / Sebti, S., PhD                                  |                                      |
| Risk Assessment, Detection & Intervention                                    | Giuliano, Anna, PhD   |                                      |
|  |   | <i>Total Number of Programs - 5</i>  |
| <b>Indiana University Melvin &amp; Bren Simon Cancer Center</b>              | <i>Indiana University Melvin &amp; Bren Simon Cancer Center</i> |                                      |
| Breast Cancer  | Sledge, G., MD / Malkas, L., PhD . Goulet, R., Jr., MD          |                                      |
| Cancer Control   | Champion, Victoria, DNS   |                                      |
| Experimental & Developmental Therapeutics                                    | Matei, D., MD / Zhang, J., PhD                                  |                                      |
| Hematopoiesis, Microenvironment, & Immunology                                | Broxmeyer, H., PhD / Dinauer, M., MD, PhD                       |                                      |
| Tumor Biology & Microenvironment (DEV)                                       | Clapp, D.W., MD / Guise, T., MD                                 |                                      |
|  |   | <i>Total Number of Programs - 5</i>  |
| <b>The Jackson Laboratory Cancer Center</b>                                  | <i>The Jackson Laboratory Cancer Center</i>                     |                                      |
| Modeling Cancer: Stem Cells to Therapy                                       | Braun, Robert E., PhD   |                                      |
|  |   | <i>Total Number of Programs - 1</i>  |
| <b>Sidney Kimmel Comprehensive CC at John Hopkins University</b>             | <i>Sidney Kimmel Comprehensive Cancer Center</i>                |                                      |
| Brain Cancer   | Grossman, S., MD / Laterra, J., MD, PhD / Brem, H., MD          |                                      |
| Breast Cancer  | Sukumar, S., PhD / TBN  |                                      |
| Cancer Biology   | Baylin, S., MD / Velculescu, V., MD, PhD                        |                                      |
| Cancer Immunology  | Pardoll, D., MD, PhD / Jaffee, E., MD                           |                                      |
| Cancer Prevention & Control  | Groopman, J. D., PhD / Platz, E. A., PhD                        |                                      |
| Chemical Therapeutics  | Carducci, M., MD / Cole, P., MD                                 |                                      |
| Gastrointestinal Cancer  | Kern, S., MD / Jaffe, E., MD                                    |                                      |
| Hematologic Malignancies & BMT   | Ambinder, R., MD, PhD / Jones, R. MD                            |                                      |
| Prostate Cancer  | Carducci, M., MD / Getzenberg, R., PhD                          |                                      |
| Upper Aerodigestive Cancer   | Sidransky, D., MD / Rudin, C., MD                               |                                      |
| Viral Oncology   | Hayward, D. S., PhD / Roden, R., PhD                            |                                      |
|  |   | <i>Total Number of Programs - 11</i> |

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| <b>Institution</b>   | <b>Center Name</b>   |
|--|--|
| <b>Massachusetts Institute of Technology</b>   | <b>David H. Koch Institute for Integrative Cancer Research at MIT</b>  |
| Animal Models & Genetics<br>Cell & Systems Biology<br>Engineering Science & Technology<br>Molecular Genetics & Immunology  | Jacks, T.E., PhD / Amon, A.<br>Hynes, R.O., PhD / Yaffe, M.<br>Langer, R., Bhatia, S.<br>Sharp, P.A., PhD / Wittrup, K.D.  |
| <i>Total Number of Programs - 4</i>  |  |
| <b>Mayo Clinic Rochester</b>   | <b>Mayo Clinic Cancer Center</b>   |
| Cancer Imaging<br>Cancer Prevention & Control<br>Cell Biology<br>Developmental Therapeutics<br>Gastrointestinal Cancer<br>Gene Therapy<br>Genetic Epidemiology & Risk Assessment (GERA)<br>Hematologic Malignancies<br>Immunology & Immunotherapy<br>Neuro-Oncology<br>Prostate Cancer<br>Women's Cancer   | Ehman, R.L., MD / Lowe, V., MD<br>Hurt, R.D., MD / Loprinzi, C.L., MD<br>McNiven, M.A., PhD / Fields, A.P., PhD<br>Ames, M.M., PhD / Kaufmann, S.H., MD, PhD<br>Thibodeau, S.N., PhD / Nelson, H., MD<br>Russell, Stephen J., MD, PhD<br>Cerhan, J.R., MD, PhD / De Andrade, M., PhD<br>Fonseca, R., MD / Witzig, T., MD<br>Pease, L.D., PhD / Kwon, E.D., MD<br>O'Neill, B.P., MD / Loftus, J., PhD<br>Tindall, D.J., PhD / Leibovich, B., MD<br>Hartmann, L.C., MD / Ingle, J.N., MD |
| <i>Total Number of Programs - 12</i>   |  |
| <b>Medical University of South Carolina</b>  | <b>Hollings Cancer Center</b>  |
| Cancer Genes & Molecular Regulations Program<br>Cancer Immunology<br>Cancer Prevention & Control (DEV)<br>Developmental Cancer Therapeutics<br>Lipid Signaling in Cancer   | Watson, Dennis K., PhD<br>Nishimura, Michael I., PhD<br>Alberg, A. J., PhD / Ford, M.E., PhD<br>Tew, Kenneth D., PhD, ScD<br>Obeid, Lina M., MD  |
| <i>Total Number of Programs - 5</i>  |  |
| <b>Memorial Sloan Kettering Cancer Center</b>  | <b>Memorial Sloan Kettering Cancer Center</b>  |
| Cancer Biology & Experimental Pathology<br>Clinical Research<br>Developmental Biology<br>Experimental Therapeutics<br>Genomic Integrity<br>Imaging & Radiation Sciences<br>Immunology & Transplantation<br>Molecular Structure<br>Prevention, Control & Population Research<br>Regulation of Cell Behavior | Sawyers, C., MD / Massague, J., PhD<br>Wittes, R., MD / Bosl, G., MD / Hricak, H., MD / Scardino, P., MD<br>Anderson, Kathryn P., PhD<br>Danishefsky, S., PhD / Scheinberg, D., MD, PhD<br>Marians, Kenneth P., PhD<br>Larson, S., MD / Powell, S., MBBS, PhD<br>Allison, J., PhD / O'Reilly, R., MD<br>Pavletich, Nikola, PhD<br>Begg, C., PhD / Offit, K., MD, MPH<br>Hall, Alan, PhD  |
| <i>Total Number of Programs - 10</i>   |  |

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| <b>Institution</b>  | <i>Center Name</i>  |
|---|---|
| <b>New York University Medical Center</b>   | <i>NYU Cancer Institute</i>   |
| Breast Cancer<br>Cancer Immunology<br>Genitourinary Cancer<br>Growth Control<br>Melanoma<br>Stem Cell Biology   | Formenti, S., MD / Schneider, R., PhD<br>Dustin, M., PhD / Roth, D.<br>Ferrari, A. / Taneja, S., MD<br>Dai, Wei, PhD<br>Bhardwaj, N., MD, PhD / Osman, I., MD<br>Lehmann, R., PhD / Aifantis, I., PhD   |
| <i>Total Number of Programs - 6</i>   |   |
| <b>Northwestern University</b>  | <i>Robert H. Lurie Comprehensive Cancer Center</i>  |
| Breast Cancer<br>Cancer Cell Biology<br>Cancer Control<br>Cancer Genes & Molecular Targeting<br>Cancer Prevention<br>Hematologic Malignancies<br>Hormone Action & Signal Transduction in Cancer<br>Prostate Cancer<br>Tumor Invasion, Metastasis & Angiogenesis | Clevenger, C., MD, PhD / Khan, S., MD<br>Matouschek, A., PhD / Kiyokawa, H., PhD<br>Von Roenn, J., PhD / TBD<br>Backman, V., PhD / Woloschak, G., PhD<br>Bergan, R., MD / Spring, B., PhD<br>Eklund, E., MD / TBD<br>Horvath, C., PhD / Chakravarti, D., PhD<br>Lee, Chung, PhD / Catalona, W., MD<br>Green, K., PhD / LaBonne, C., PhD |
| <i>Total Number of Programs - 9</i>   |   |
|   | <i>Ohio State University Comprehensive Cancer Center</i>  |
| Cancer Control<br>Experimental Therapeutics<br>Immunology<br>Molecular Biology and Cancer Genetics<br>Molecular Carcinogenesis & Chemoprevention<br>Viral Oncogenesis   | Wewers, M.E., RN, PhD, MPH / Paskett, E.D., PhD<br>Jacob, S.T., PhD / Grever, M.R., MD<br>Carson, III, William E., MD<br>Ostrowski, M.C., PhD / de la Chapelle, A., MD, PhD<br>Clinton, Steven K., MD, PhD<br>Green, P.L., PhD / Chiocca, E. A., MD, PhD  |
| <i>Total Number of Programs - 6</i>   |   |
| <b>Oregon Health &amp; Science University</b>   | <i>OHSU Knight Cancer Institute</i>   |
| Cancer Biology<br>Cancer Prevention & Control<br>Hematologic Malignancies<br>Solid Tumors   | Thayer, M., PhD / Sears, R., PhD<br>Carney, P. PhD / Lieberman, D., MD<br>Deininger, Michael, MD, PhD<br>Kulesz-Martin, M., PhD / Sandler, A., MD   |
| <i>Total Number of Programs - 4</i>   |   |
| <b>Purdue University Center for Cancer Research</b>   | <i>Purdue University Center for Cancer Research</i>   |
| Cell Growth & Differentiation<br>Chemical & Structural Biology<br>Drug Delivery & Molecular Sensing<br>Medicinal Chemistry  | Taparowsky, E.J., PhD / Riese, D., PhD<br>Stauffacher, C.V., PhD / Thompson, D., PhD<br>Bergstrom, D.E., PhD / Wei, A., PhD<br>Gibbs, R.A., PhD / Knapp, D., PhD  |
| <i>Total Number of Programs - 4</i>   |   |

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| <b>Institution</b>  | <i>Center Name</i>  |
|---|---|
| <b>Roswell Park Cancer Institute</b>  | <i>Roswell Park Cancer Institute</i>  |
| Cancer Prevention & Population Sciences<br>Cell Stress & Biophysical Therapies<br>Genetics<br>Genitourinary<br>Molecular Targets & Experimental Therapeutics<br>Tumor Immunology & Immunotherapy  | Marshall, J., PhD / Ambrosone, C., PhD<br>Gudkov, A., PhD / Cance, W., MD<br>Gelman, Irwin, B.A., M.A., MPH, PhD<br>Pili, R., MD / Smith, G., PhD<br>Adjei, A., MD, PhD / Black, J., PhD<br>Lee, K., MD / Odunsi, K., MD, PhD   |
| <i>Total Number of Programs - 6</i>   |   |
| <b>Salk Institute</b>   | <i>Salk Institute Cancer Center</i>   |
| Growth Control & Genomic Stability<br>Metabolism & Cancer<br>Mouse Models & Cancer Stem Cells   | Wahl, Geoffrey, PhD<br>Evans, Ronald M., PhD<br>Verma, Inder, PhD   |
| <i>Total Number of Programs - 3</i>   |   |
| <b>Sanford-Burnham Medical Research Institute</b>   | <i>Sanford-Burnham Medical Research Institute</i>   |
| Apoptosis & Cell Death Research<br>Signal Transduction<br>Tumor Development<br>Tumor Microenvironment   | Salvesen, Guy, PhD<br>Ronai, Ze'ev, PhD<br>Oshima, Robert, PhD / Perucho, M., PhD<br>Courtneidge, Sara, PhD   |
| <i>Total Number of Programs - 4</i>   |   |
| <b>St. Jude Children's Research Hospital</b>  | <i>St. Jude Children's Research Hospital</i>  |
| Cancer Prevention & Control<br>Developmental Therapeutics for Solid Malignancies<br>Hematological Malignancies<br>Molecular Oncology<br>Neurobiology & Brain Tumor<br>Signal Transduction   | Robinson, L., PhD / Hudson, M., MD<br>Pappo, A., MD / Dyer, M., PhD<br>Downing, J., MD / Pui, C., MD<br>Schulman, B., PhD / Sherr, C.J., MD, PhD<br>Gilbertson, R., MBBS, PhD / Gajjar, A., MD<br>Ihle, J.N., PhD / Roussel, M., PhD  |
| <i>Total Number of Programs - 6</i>   |   |
| <b>Stanford University</b>  | <i>Stanford Cancer Center</i>   |
| Cancer Biology<br>Cancer Epidemiology<br>Cancer Imaging and Early Detection<br>Cancer Immunology & Immunotherapy<br>Cancer Prevention & Control<br>Cancer Stem Cells<br>Hematopoietic Cell Transplantation & Immune Reconstitution<br>Lymphoma & Hodgkin's Disease<br>Molecular Therapeutics<br>Radiation Biology | Cleary, M., MD / Boxer, L., MD, PhD<br>Whittemore, A., PhD / John, E., PhD<br>Gambhir, S., MD, PhD / Contag, C., PhD<br>Engleman, E., MD / Davis, M., PhD<br>Stefanick, M., PhD / Spiegel, D., MD<br>Clarke, M., MD / Nusse, R., PhD<br>Negrin, R., MD / Weinberg, K., MD<br>Levy, R., MD / Hoppe, R., MD<br>Felsher, D., MD, PhD / Sikic, B., MD<br>Giaccia, A., MD / Le, Q., MD |
| <i>Total Number of Programs - 10</i>  |   |

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| <b>Institution</b>  | <i>Center Name</i>  |
|---|---|
| <b>The Wistar Institute</b>   | <i>The Wistar Institute</i>   |
| Gene Expression & Regulation<br>Immunology<br>Molecular & Cellular Oncogenesis  | Marmorstein, Ronen, PhD<br>Ertl, Hildegund C.J., MD<br>Herlyn, M., DVM / Speicher, D., Ph.D.  |
| <i>Total Number of Programs - 3</i>   |   |
| <b>Thomas Jefferson University</b>  | <i>Kimmel Cancer Center</i>   |
| Cancer Cell Biology & Signaling<br>Endocrine Mechanisms & Hormone Action in Cancer<br>Gastrointestinal Cancer<br>Immunologic Mechanisms in Cancer<br>Molecular Biology & Genetics<br>Radiation Research & Translational Biology   | Benovic, Jeffrey, PhD<br>Rui, Halgeir, MD, PhD<br>Waldman, Scott, MD, PhD<br>Manser, Timothy, PhD<br>Lisanti, Michael, MD, PhD<br>Dicker, Adam, MD, PhD   |
| <i>Total Number of Programs - 6</i>   |   |
| <b>Robert Wood Johnson Medical School</b>   | <i>Cancer Institute of New Jersey</i>   |
| Breast Cancer Research Program<br>Cancer Pharmacology / Developmental Therapeutics<br>Carcinogenesis & Chemoprevention<br>Cytokines, Cytokine Signaling & Cancer<br>Molecular Mechanisms of Tumor Growth<br>Population Science<br>Prostate Cancer Program<br>Transcriptional Regulation & Oncogenesis | Reiss, M., MD / Toppmeyer, D.L., MD<br>Liu, L.F., PhD / Rubin, E.H., MD<br>Yang, C.S., PhD<br>Lattime, E.C., PhD / Pestka, S., MD<br>White, Eileen, PhD<br>Crabtree, B., PhD<br>TBD<br>Rabson, Arnold B., MD  |
| <i>Total Number of Programs - 8</i>   |   |
| <b>University of Alabama at Birmingham</b>  | <i>UAB Comprehensive Cancer Center</i>  |
| Cancer Cell Biology<br>Cancer Chemoprevention<br>Cancer Control & Population Science<br>Experimental Therapeutics<br>Neuro-Oncology<br>Tumor Immunology<br>Virology   | Bjornsti, M., PhD / Benveniste, E., PhD<br>Grubbs, C.J., PhD / Elmets, C.A., MD<br>Meneses, K., PhD / Fouad, M.N., MD, MPH<br>Bonner, J.A., MD / Klug, C., PhD<br>Nabors, B.L., MD / Gillespie, G.Y., PhD<br>Buchsbaum, D.J., PhD / Weaver, C.T., MD<br>Whitley, R.J., MD / Curiel, D., MD, PhD |
| <i>Total Number of Programs - 7</i>   |   |
| <b>University of Arizona</b>  | <i>Arizona Cancer Center</i>  |
| Cancer Biology & Genetics<br>Cancer Imaging<br>Cancer Prevention & Control Program<br>GI Cancer<br>Therapeutic Development  | Dixon, K., PhD / Chambers, S., MD<br>Gmitro, A., PhD / Unger, E., MD<br>Lance, M. P., MD / Martinez, M., PhD<br>Gerner, E., PhD<br>Dorr, R., PhD / Laurence, H., PhD  |
| <i>Total Number of Programs - 5</i>   |   |

# Research Programs at NCI - Designated Cancer Centers Reported in 2010



| <b>Institution</b>                          | <i>Center Name</i>   |                                      |
|---|--|--------------------------------------|
| <b>University of California, Davis</b>      | <i>UC Davis Cancer Center</i>                              |                                      |
| Biomedical Technology                       | Marcu, L., PhD / Cherry, S., PhD                           | <i>Total Number of Programs - 6</i>  |
| Cancer Therapeutics                         | Lara, P., MD / Lam, K., MD, PhD                            |                                      |
| Comparative Oncology                        | Cardiff, R., MD, PhD / Chen, X., PhD                       |                                      |
| Molecular Oncology                          | Kung, H., PhD / Heyer, W., PhD                             |                                      |
| Population Sciences & Health Disparities    | Chen, M., PhD, MPH / Kushi, L.H., MD                       |                                      |
| Prostate Cancer                             | Evans, C., MD / Gao, A., MD, PhD                           |                                      |
| <b>University of California at Irvine</b>   | <i>Chao Family Comprehensive Cancer Center</i>             |                                      |
| Cancer Prevention & Control                 | Anton-Culver, Hoda, PhD                                    | <i>Total Number of Programs - 6</i>  |
| Carcinogenesis Research Program             | Bernard, H.U., PhD / Krolewski, J.J., MD, PhD              |                                      |
| Chemical & Structural Molecular Biology     | Poulos, T., PhD / Weiss, G., PhD                           |                                      |
| Developmental Biology                       | Blumberg, B., PhD / Marsh, J.L., PhD                       |                                      |
| Growth Factors & Signaling                  | Hughes, C., PhD / Waterman, M., PhD                        |                                      |
| Onco Imaging & Spectroscopy                 | Tromberg, B., PhD / Su, M., PhD                            |                                      |
| <b>University of California Los Angeles</b> | <i>Jonsson Comprehensive Cancer Center</i>                 |                                      |
| Cancer Cell Biology                         | Iruela-Arispe, L., PhD / Teitell, M., MD, PhD              | <i>Total Number of Programs - 11</i> |
| Cancer Molecular Imaging                    | Wu, A., PhD / Czernin, J., MD                              |                                      |
| Gene Regulation                             | Carey, M., PhD / Smale, S., PhD                            |                                      |
| Genitourinary Oncology                      | Wu, H., MD, PhD / Reiter, R., MD / Pantuck, A., MD         |                                      |
| Healthy & At Risk Populations               | Bastani, R., PhD / Harrison, G., PhD                       |                                      |
| Hematopoietic Malignancies                  | Dorshkind, K., PhD / de Vos, Sven, MD, PhD                 |                                      |
| Patients & Survivors                        | Ganz, P., MD / Zeltzer, L., MD                             |                                      |
| Signal Transduction & Therapeutics          | Tamanoi, F., PhD / Sakamoto, K., MD, PhD / Britten, C., MD |                                      |
| Thoracic Oncology                           | Dubinett, S., MD / Kabbavar, F., MD                        |                                      |
| Tumor Immunology                            | Braun, J., MD, PhD / Ribas, A., MD                         |                                      |
| Women's Cancers                             | Glapsy, John, MD / Farias-Eisner, R., MD, PhD              |                                      |
| <b>University of California San Diego</b>   | <i>Moore's UCSD Cancer Center</i>                          |                                      |
| Cancer Biology                              | Guan, K., PhD / Zhang, D., PhD                             | <i>Total Number of Programs - 7</i>  |
| Cancer Genes & Genome                       | Kolodner, R., PhD / Fu, X.                                 |                                      |
| Cancer Prevention & Control                 | Pierce, John P., PhD                                       |                                      |
| Cancer Symptom Control                      | Yaksh, A., PhD / Dimsdale, J.L., MD                        |                                      |
| Hematologic Malignancies                    | Ball, E.D., MD / Kipps, T.J., MD, PhD                      |                                      |
| Reducing Cancer Disparities                 | Elder, John, PhD   |                                      |
| Tumor Growth, Invasion & Metastasis         | Cheresh, D., PhD / Howell, S., MD                          |                                      |

## Research Programs at NCI - Designated Cancer Centers Reported in 2010



| <b>Institution</b>  | <b>Center Name</b>   |
|---|--|
| <b>University of California San Francisco</b>   | <b><i>UCSF Helen Diller Family Comprehensive Cancer Center</i></b>   |
| Breast Oncology<br>Cancer & Immunity<br>Cancer Genetics<br>Cell Cycling & Signaling<br>Hematopoietic Malignancies<br>Neurologic Oncology<br>Pancreas Cancer<br>Pediatric Malignancies<br>Prostate Cancer<br>Society, Diversity & Disparities<br>Tobacco Control | Gray, J., PhD / Esserman, L., MD, MBA<br>Lanier, L., PhD / Coussens, L., PhD<br>Witte, J., PhD / Balmain, A., PhD<br>Tlsty, T., MD / Toczyski, D., PhD<br>Shannon, K., MD / Shah, N., MD, PhD<br>Berger, M., MD / Prados, M., MD<br>McMahon, M., PhD / Tempero, M., MD<br>Matthay, K., MD / Weiss, W., MD, PhD<br>Shuman, M., MD / Small, E., MD<br>Green, L., PhD / Pasick, R., DrPh<br>Hall, S., PhD / Glantz, S., PhD |
| <i>Total Number of Programs - 11</i>  |  |
| <b>University of Chicago Cancer Research Center</b>   | <b><i>University of Chicago Cancer Research Center</i></b>   |
| Advanced Imaging<br>Cancer Risk & Prevention<br>Cell Signaling & Gene Regulation<br>Clinical & Experimental Therapeutics<br>Hematopoiesis & Hematological Malignancies<br>Immunology & Cancer   | Karczmar, G., PhD / MacMahon, H., MD<br>Chiu, B., PhD / King, A., PhD<br>Rosner, M., PhD / Conzen, S., MD<br>Dolan, E., PhD / Stadler, W., MD<br>Thirman, M.J., MD / Stock, W., MD<br>Gajewski, Thomas F., MD, PhD   |
| <i>Total Number of Programs - 6</i>   |  |
| <b>University of Colorado Denver &amp; Health Sciences Center</b>   | <b><i>University of Colorado Cancer Center</i></b>   |
| AMC Cancer Prevention & Control<br>Cancer Cell Biology<br>Developmental Therapeutics<br>Hormone Related Malignancies<br>Immunology & Immunotherapy<br>Lung, Head & Neck Cancer<br>Molecular Oncology  | Marcus, A., PhD / Agarwal, R., PHD<br>Sclafani, R., PhD / Roop, D., PhD<br>Eckhardt, S. Gail, MD<br>Lucia, M.S., MD / Ford, H., PhD<br>Bellgrau, D., PhD / Slansky, J., PhD<br>Miller, Y.E., MD / Wang, X., PhD<br>Tyler, Jessica, PhD   |
| <i>Total Number of Programs - 7</i>   |  |
| <b>University of Hawaii at Manoa</b>  | <b><i>University of Hawaii Cancer Center</i></b>   |
| Epidemiology<br>Natural Products & Cancer Biology<br>Prevention & Control   | Marchand, L., MD, PhD<br>Tius, Marcus, PhD<br>Wills, Thomas, PhD (interim)   |
| <i>Total Number of Programs - 3</i>   |  |
| <b>University of Iowa</b>   | <b><i>Holden Comprehensive Cancer Center</i></b>   |
| Cancer Epidemiology<br>Cancer Genetics & Computational Biology<br>Cancer Immunology & Immunotherapy<br>Cell Signaling & Dev Pharmacology<br>Free Radical Biology<br>Tumor Imaging   | Lynch, Charles F., MD, PhD<br>Janz, S., MD, DSc / Quelle, D.<br>Bishop, G., PhD / Ballas, Z., MD<br>Hohl, R., MD, PhD / Henry, M.<br>Spitz, D.R., PhD<br>Graham, Michael, MD, PhD  |
| <i>Total Number of Programs - 6</i>   |  |

## Research Programs at NCI - Designated Cancer Centers Reported in 2010



| <b>Institution</b>  | <i>Center Name</i>   |
|---|--|
| <b>University of Maryland</b>   | <i>Marlene and Stewart Greenebaum Cancer Center</i>  |
| Experimental Therapeutics<br>Hormone Responsive Cancers<br>Molecular & Structural Biology   | Mao, L., PhD / Edelman, M., MD<br>Fulton, A., PhD / Hussain, A., MD<br>Tomkinson, A., PhD / Gartenhaus, R., MD   |
| <i>Total Number of Programs - 3</i>   |  |
| <b>University of Michigan</b>   | <i>University of Michigan Comprehensive Cancer Center</i>  |
| Breast Oncology<br>Cancer Cell Biology<br>Cancer Genetics<br>Childhood Cancer<br>Gastrointestinal Oncology<br>Head & Neck Oncology<br>Leukemia / Lymphoma - BMT<br>Molecular Imaging<br>Molecular Therapeutics<br>Prostate Oncology<br>Radiation Sciences | Hayes, D., MD / Merajver, S., MD, PhD<br>Ducket, C., PhD / Dlugosz, A., MD<br>Fearon, E., MD, PhD / Beer, D., PhD<br>Boxer, L., MD<br>Simeone, Diane, MD<br>Bradford, C., MD / Carey, T., PhD<br>Ferrara, J., MD / Talpaz, M., MD<br>Ross, B., PhD / Rehemtulla, A., PhD<br>Wang, S., PhD / Baker, Jr., J., MD<br>Pienta, K., MD / Cooney, K., MD<br>Lawrence, T.S., MD, PhD / Ljungman, M., PhD |
| <i>Total Number of Programs - 11</i>  |  |
| <b>University of Minnesota Cancer Center</b>  | <i>Masonic Cancer Center</i>   |
| Carcinogenesis & Chemoprevention<br>Genetic Mechanism of Cancer<br>Immunology<br>Prevention & Etiology<br>Transplant Biology & Therapy<br>Tumor Biology & Progression<br>Women's Cancer Research  | Hecht, Stephen, PhD<br>Largaespada, David, PhD<br>Shimizu, Yoji, PhD<br>Lazovich, D., PhD / Hatsukami, D., PHD<br>Wagner, J., MD / Weisdorf, D., MD<br>McCarthy, James, PhD<br>Lange, C., PhD, BS / Downs, L., MD  |
| <i>Total Number of Programs - 7</i>   |  |
| <b>UNMC / Eppley Cancer Center</b>  | <i>UNMC / Eppley Cancer Center</i>   |
| Cancer Genes & Molecular Regulations Program<br>Lymphoma Research Program<br>Molecular Biochemical Etiology Program   | Lewis, R., PhD / Brattain, M., PhD<br>Vose, J., MD / Chan, Wing Chung (John), MD<br>Band, H., MD, PhD / Wagner, K., PhD  |
| <i>Total Number of Programs - 3</i>   |  |
| <b>University of New Mexico</b>   | <i>UNM Cancer Research &amp; Treatment Center</i>  |
| Cancer Biology & Biotechnology<br>Hematologic Malignancies<br>Population Sciences & Cancer Control<br>Women's Cancer  | Sklar, L., PhD / Osley, M., PhD<br>Wilson, Bridget, PhD<br>Berwick, M., PhD / Belinsky, S., PhD<br>Prossnitz, E., PhD / Ozburn, M., PhD  |
| <i>Total Number of Programs - 4</i>   |  |

## Research Programs at NCI - Designated Cancer Centers Reported in 2010



| <b>Institution</b>                                     | <b>Center Name</b>                                       |
|--|--|
| <b>University of North Carolina at Chapel Hill</b>     | <b><i>UNC Lineberger Comprehensive Cancer Center</i></b> |
| Breast Cancer (DEV)                                    | Carey, L., MD / Perou, C., PhD                           |
| Cancer Cell Biology                                    | Yue Xiong  |
| Cancer Epidemiology                                    | Olshan, Andrew, PhD                                      |
| Cancer Genetics  | Magnuson, Terry, PhD                                     |
| Cancer Prevention and Control                          | Campbell, Marci, PhD                                     |
| Clinical Research                                      | Shea, T., MD / Goldberg, R., MD                          |
| Immunology   | Ting, J.P., PhD / Serody, J., MD, PhD                    |
| Molecular Carcinogenesis                               | Kaufman, David, MD, PhD                                  |
| Molecular Therapeutics                                 | Johnson, G., PhD / Sharpless, N., MD                     |
| Virology   | Raab-Traub, Nancy, PhD                                   |
| <i>Total Number of Programs - 10</i>                   |  |
| <b>University of Pennsylvania</b>                      | <b><i>Abramson Cancer Center</i></b>                     |
| Breast Cancer  | Chodosh, L., MD, PhD / DeMichele, A., MD                 |
| Cancer Prevention & Control                            | Bruner, D., PhD / Armstrong, K., MD, MSCE                |
| Cancer Therapeutics                                    | O'Dwyer, P., MD / Langer, Corey, MD                      |
| Hematologic Malignancies                               | Gewirtz, A., MD / Stadmauer, E., MD                      |
| Immunobiology  | Koretzky, G., MD, PhD / Vonderheide, R., MD, Dphil       |
| Melanoma   | Schuchter, Lynn, MD                                      |
| Pediatric Oncology Research                            | Maris, J., MD / Balis, F., MD                            |
| Radiation & Imaging                                    | Hahn, Stephen, MD / Costantinos (Costas), K., PhD        |
| Tobacco & Environmental Carcinogenesis                 | Albelda, S., MD / Penning, T., PhD                       |
| Tumor Biology  | Lee, W.M-F, MD, PhD / Rustgi, A., MD                     |
| Tumor Virology   | Robertson, Erle, PhD                                     |
| <i>Total Number of Programs - 11</i>                   |  |
| <b>University of Pittsburgh Cancer Institute</b>       | <b><i>University of Pittsburgh Cancer Institute</i></b>  |
| Biobehavioral Medicine in Oncology Program (BMOP)      | Bovbjerg, Dana, PhD                                      |
| Brain Tumor Program (BTP)                              | Pollack, I., MD / Okada, H., MD, PhD                     |
| Cancer Epidemiology, Prevention & Control Prog (CEPCP) | Weissfeld, Joel, mD, PhD (interim)                       |
| Cancer Immunology Program (CIP)                        | Finn, O., PhD / Ferris, R., MD, PhD, FACS                |
| Cancer Virology Program (CVP)                          | Moore, Patrick, MD, MPH                                  |
| Head & Neck Cancer Program (HNCP)                      | Grandis, Jennifer., MD                                   |
| Hematologic Malignancies Program (HMP)                 | Roodman, G. David, MD, PhD                               |
| Lung & Thoracic Malignancies Program (LTMP)            | Greenberger, J., MD / Siegfried, J., PhD                 |
| Melanoma Program (MP)                                  | Becker, D., PhD / Kirkwood, J., MD                       |
| Molecular & Cellular Cancer Biology Prog (MCCBP)       | Van Houten, Bennett                                      |
| Molecular Therapeutics & Drug Discovery (MTDDP)        | Egorin, M., MD / Lazo, J., PhD                           |
| Prostate Cancer Program (PCP)                          | Roodman, G. David, MD, PhD                               |
| <i>Total Number of Programs - 12</i>                   |  |

# Research Programs at NCI - Designated Cancer Centers Reported in 2010



| <b>Institution</b>  | <b>Center Name</b>                                     |
|---|--|
| <b>University of Southern California</b>                      | <b><i>USC / Norris Comprehensive Cancer Center</i></b> |
| Cancer Control Research                                       | Wu, A.H. / Pentz, M.                                   |
| Cancer Epidemiology   | Gauderman, W.J. / Casey, G.                            |
| Developmental Therapeutics                                    | Quinn, D.I., MD, PhD / Seeger, R., MD                  |
| Epigenetics and Regulation                                    | Stallcup, M.R. / Laird, P. W.                          |
| Gastrointestinal Cancers                                      | Lenz, H., MD / Kahn, M., PhD                           |
| Genitourinary Cancers   | Coetzee, G.A., PhD / Pinski, J.K., MD, PhD             |
| Leukemia and Lymphoma   | Muschen, Markus  |
| Molecular Genetics  | Lieber, Michael R.                                     |
| Tumor Microenvironment  | De Clerck, Yves A.                                     |
| Women's Cancers   | Press, M.F., MD, PhD / Tripathy, D., MD                |
| <i>Total Number of Programs - 10</i>                          |  |
| <b>University of Texas Hlth Sci Ctr San Antonio</b>           | <b><i>Cancer Therapy &amp; Research Center</i></b>     |
| Cancer Development & Progression                              | Li, R., PhD / Slaga, T., PhD                           |
| Cancer Prevention & Population Science                        | Ramirez, N., DPH / Pollock, B.H., PhD                  |
| Experimental & Developmental Therapeutics                     | Mooberry, S., MD                                       |
| <i>Total Number of Programs - 3</i>                           |  |
| <b>University of Texas</b>                                    | <b><i>MD Anderson Cancer Center</i></b>                |
| Behavioral & Health Disparities Research                      | Gritz, Ellen R., PhD                                   |
| Brain Cancer  | Yung, W.K. Alfred, MD                                  |
| Breast Cancer   | Hortobagyi, Gabriel N., MD                             |
| Cancer Metastasis & The Organ Microenvironment                | Fidler, Isaiah, DVM, PhD                               |
| Carcinogenesis  | Fischer, Susan, PhD                                    |
| Cell Biology & Signal Transduction                            | Hung, Mien-Chie, PhD                                   |
| Clinical Cancer Prevention                                    | Brown, Powel H., MD, PhD                               |
| Epidemiology  | Amos, Chris, PhD                                       |
| Gastrointestinal Cancer                                       | Abbruzzese, James L., MD                               |
| Genes & Development   | Klein, William H., PhD                                 |
| Genitourinary Cancer  | Logothetis, Chris, MD                                  |
| Gynecological Cancers   | Gershenson, David M., MD                               |
| Head & Neck Cancer  | Myers, Jeffrey N., MD                                  |
| Hematological Cancers   | Issa, Jean-Pierre, MD                                  |
| Immunology  | Liu, Yong-Jun, PhD                                     |
| Lung Cancer   | Herbst, Roy S., MD, PhD                                |
| Radiation Oncology & Biology                                  | Cox, James D., MD                                      |
| Stem Cell Transplantation & Cell Therapy                      | Champlin, Richard E., MD                               |
| Targeted Therapy  | Powis, Garth, DPhil                                    |
| <i>Total Number of Programs - 19</i>                          |  |
| <b>Harold C. Simmons CC at UT Southwestern Medical Center</b> | <b><i>Harold C. Simmons Cancer Center</i></b>          |
| Cancer Cell Networks  | Melanie, C., PhD / White, M., PhD                      |
| Chemistry & Cancer  | McKnight, S., PhD / DeBrabander, J., PhD               |
| Development & Cancer  | Parada, L, PhD / Cameron, S., MD, PhD                  |
| Molecular Therapeutics of Cancer                              | Minna, John, MD  |
| <i>Total Number of Programs - 4</i>                           |  |

# Research Programs at NCI - Designated Cancer Centers Reported in 2010



| <b>Institution</b>  | <i>Center Name</i>  |
|---|---|
| <b>University of Utah</b>   | <i>Huntsman Cancer Institute</i>  |
| Cancer Control & Population Sciences<br>Cell Response & Regulation<br>Gastrointestinal Cancers<br>Molecular Imaging, Diagnostics & Therapeutics<br>Nuclear Control of Cell Growth & Differentiation | Randall, B., MD / Kinney, A., PhD<br>Douglas, Grossman, MD, PhD / Shaw, J., PhD<br>Jones, D., PhD / Mulvihill, S., MD<br>Wallace, A., MD / Grissom, C., PhD<br>Ayer, D., PhD / Graves, B., PhD  |
| <i>Total Number of Programs - 5</i>   |   |
| <b>University of Virginia, Health Sciences Center</b>   | <i>UVA Cancer Center</i>  |
| Cancer Cell Signaling<br>Developmental Therapeutics<br>Endocrinology<br>Immunology & Immunotherapy<br>Molecular Genetics<br>Structural Biology  | Brautigan, D., PhD / Parsons, J.T., PhD<br>Weiss, G.R., MD / Dutta, A., PhD<br>Shupnik, M.A., PhD / Fracasso, P.M., MD<br>Engelhard, V.H., PhD / Slingluff, C., MD<br>Hamlin, J.L., PhD / Anindya D., MD, PhD<br>Bushweller, John H., PhD |
| <i>Total Number of Programs - 6</i>   |   |
| <b>University of Wisconsin</b>  | <i>UW Paul P. Carbone Comprehensive Cancer Center</i>   |
| Cancer Cell Biology<br>Cancer Control<br>Cancer Genetics<br>Chemoprevention<br>Experimental Therapeutics<br>Human Cancer Virology<br>Imaging & Radiation Science                                    | Bertics, Paul, PhD<br>Trentham-Dietz, Amy, PhD<br>Gould, Michael, PhD<br>Bailey, Howard, MD<br>Hoffmann, F. Michael, PhD<br>Ahlquist, Paul, PhD<br>Mehta, Minesh P., MD   |
| <i>Total Number of Programs - 7</i>   |   |
| <b>Vanderbilt University</b>  | <i>Vanderbilt-Ingram Cancer Center</i>  |
| Breast Cancer<br>Cancer Epidemiology & Prevention<br>Gastrointestinal Cancer<br>Genome Maintenance<br>Host-Tumor Interactions<br>Signal Transduction & Cell Proliferation<br>Thoracic / Head & Neck | Arteaga, C.L., MD<br>Zheng, W., MD, PhD<br>Coffey, R.J., MD / Berlin, J.D., MD<br>Cortez, D., PhD / Tansey, W.P., PhD<br>Zutter, Mary M., MD<br>Reynolds, A., PhD / Sosman, J.A., MD<br>Carbone, D.P., MD, PhD / Yarbrough, W.G., MD      |
| <i>Total Number of Programs - 7</i>   |   |
| <b>Virginia Commonwealth University</b>   | <i>Massey Cancer Center</i>   |
| Cancer Cell Biology<br>Cancer Prevention & Control<br>Immune Mechanisms<br>Molecular Cancer Therapeutics<br>Radiation Oncology & Oncology   | Grant, S., MD / Spiegel, S., PhD<br>Elston-Lafata, J., PhD / Bradley, C.J., PhD<br>Bear, H., MD, PhD / Larner, A., MD, PhD<br>Moran, R.G., PhD / Roberts, J.D., MD<br>Valerie, K., PhD / Anscher, M., MD                                  |
| <i>Total Number of Programs - 5</i>   |   |

## Research Programs at NCI - Designated Cancer Centers Reported in 2010



| <b>Institution</b>                               | <i>Center Name</i>                             |
|--|--|
| <b>Wake Forest University</b>                    | <i>Wake Forest Comprehensive Cancer Center</i> |
| Cancer Control                                   | Avis, Nancy, PhD                               |
| Cell Growth & Survival                           | Lyles, Douglas, PhD                            |
| Clinical Research                                | Blackstock, A. William, MD                     |
| DNA Damage & Cellular Defense                    | Townsend, Alan, PhD                            |
| <i>Total Number of Programs - 4</i>              |  |
| <b>Washington University School of Medicine</b>  | <i>Siteman Cancer Center</i>                   |
| Breast Cancer Research Program (DEV)             | Ellis, Mathew, MB, Bchir, PhD                  |
| Cancer & Developmental Biology                   | Ornitz, David M., MD, PhD                      |
| Cellular Proliferation                           | Piwnicza-Worms, Helen, PhD                     |
| Hematopoietic Development & Malignancy           | Link, D.C., MD / Westervelt, P., MD, PhD       |
| Oncologic Imaging                                | Welch, M.J., PhD / Dehdashti, F., MD           |
| Prevention & Control                             | Schootman, M., PhD / Kreuter, M.W., PhD        |
| Translational & Clinical Research                | Moley, J., MD / Lee, R., MD, PhD               |
| Tumor Immunology                                 | Schreiber, Robert D., PhD                      |
| <i>Total Number of Programs - 8</i>              |  |
| <b>Wayne State University School of Medicine</b> | <i>Barbara Ann Karmanos Cancer Institute</i>   |
| Breast Cancer                                    | Gorski, David H., MD, PhD                      |
| Developmental Therapeutics                       | Shields, Anthony F., MD, PhD                   |
| Molecular Biology and Genetics                   | Tainsky, Michael A., PhD                       |
| Population Studies and Prevention                | Albrecht, T., PhD (interim)                    |
| Proteases and Cancer                             | Fridman, Rafael, PhD                           |
| <i>Total Number of Programs - 5</i>              |  |
| <b>Yale University School of Medicine</b>        | <i>Yale Cancer Center</i>                      |
| Cancer Genetics                                  | TBN  |
| Cancer Prevention & Control                      | Irwin, M., MD, PhD / Zhu, Y., PhD              |
| Developmental Therapeutics                       | Cheng, Y., PhD / Chu, E., MD                   |
| Gene Regulation & Functional Genomics            | Slack, Frank, PhD                              |
| Immunology & Immunotherapy                       | Shlomchik, W., MD                              |
| Molecular Virology                               | DiMaio, Daniel, MD, PhD                        |
| Radiobiology & Radiotherapy Research             | Glazer, P., MD, PhD / Sung, P., D.Phil         |
| Signal Transduction                              | Stern, David, MD, PhD                          |

**Total: 457**

*Total Number of Programs - 8*