**Supplementary Material**

**Table 1.** Study locations of TALAPRO-2

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| --- | --- |
| **Location** | **Activity status** |
| **United States, Arizona** |
| Ironwood Physicians P.C. dba Ironwood Cancer & Research Centers Chandler, Arizona, United States, 85224 | **Recruiting** |
| Banner Gateway Medical Center Gilbert, Arizona, United States, 85234 | **Not yet recruiting** |
| Banner MD Anderson Cancer Center Gilbert, Arizona, United States, 85234 | **Not yet recruiting** |
| Ironwood Physicians P.C. dba Ironwood Cancer & Research Centers Gilbert, Arizona, United States, 85297 | **Recruiting** |
| Ironwood Physicians P.C. dba Ironwood Cancer & Research Centers Mesa, Arizona, United States, 85202 | **Recruiting** |
| Ironwood Physicians P.C. dba Ironwood Cancer & Research Centers Mesa, Arizona, United States, 85206 | **Recruiting** |
| Ironwood Physicians P.C. dba Ironwood Cancer & Research Centers Scottsdale, Arizona, United States, 85260 | **Recruiting** |
| Urological Associates of Southern Arizona, PC Tucson, Arizona, United States, 85715 | **Recruiting** |
| Urological Associates of Southern Arizona, P.C. Tucson, Arizona, United States, 85741 | **Recruiting** |
| **United States, California** |
| Beverly Hills Cancer Center Beverly Hills, California, United States, 90211 | **Recruiting** |
| South County Hematology/Oncology Chula Vista, California, United States, 91911 | **Recruiting** |
| Sharp Rees-Stealy Chula Vista, California, United States, 91913 | **Recruiting** |
| Glendale Adventist Medical Center Glendale, California, United States, 91206 | **Recruiting** |
| Marin Cancer Care, Inc. Greenbrae, California, United States, 94904 | **Recruiting** |
| Cancer Center Oncology Medical Group La Mesa, California, United States, 91942 | **Recruiting** |
| Loma Linda University Cancer Center - Hematology/Oncology Clinic Loma Linda, California, United States, 92354 | **Not yet recruiting** |
| Loma Linda University Medical Center Loma Linda, California, United States, 92354 | **Not yet recruiting** |
| VA Long Beach Healthcare System Long Beach, California, United States, 90822 | **Recruiting** |
| UCLA Clark Urology Center Los Angeles, California, United States, 90095 | **Recruiting** |
| University of California, Irvine Medical Center Orange, California, United States, 92868 | **Recruiting** |
| Stanford Cancer Institute Palo Alto, California, United States, 94304 | **Recruiting** |
| Desert Hematology Oncology Medical Group, Incorporation Rancho Mirage, California, United States, 92270 | **Recruiting** |
| Eisenhower Medical Center Rancho Mirage, California, United States, 92270 |  **Recruiting** |
| Medical Oncology Associates-SD San Diego, California, United States, 92123 | **Recruiting** |
| Sharp Memorial Hospital Investigational Pharmacy San Diego, California, United States, 92123 | **Recruiting** |
| Sharp Rees-Stealy San Diego, California, United States, 92123 | **Recruiting** |
| **United States, Colorado** |
| University of Colorado Denver CTO/CTRC Aurora, Colorado, United States, 80045 | **Recruiting** |
| University of Colorado Hospital - Anschutz Cancer Pavilion Aurora, Colorado, United States, 80045 | **Recruiting** |
| University of Colorado Hospital- Anschutz Inpatient Pavilion Aurora, Colorado, United States, 80045 | **Recruiting** |
| University of Colorado Hospital- Anschutz Outpatient Pavilion Aurora, Colorado, United States, 80045 | **Recruiting** |
| University of Colorado Hospital Aurora, Colorado, United States, 80045 | **Recruiting** |
| The Urology Center of Colorado Denver, Colorado, United States, 80211 | **Recruiting** |
| **United States, Connecticut** |
| Danbury Hospital Danbury, Connecticut, United States, 06810 | **Not yet recruiting** |
| New Milford Hospital New Milford, Connecticut, United States, 06776 | **Not yet recruiting** |
| Norwalk Hospital Norwalk, Connecticut, United States, 06856 | **Not yet recruiting** |
| **United States, Florida** |
| Florida Cancer Specialists Altamonte Springs, Florida, United States, 32701 | **Not yet recruiting** |
| Florida Cancer Specialists Bonita Springs, Florida, United States, 34135  | **Not yet recruiting** |
| Florida Cancer Specialists Bradenton, Florida, United States, 34211  | **Not yet recruiting** |
| Florida Cancer Specialists Brandon, Florida, United States, 33511 | **Not yet recruiting** |
| Florida Cancer Specialists Cape Coral, Florida, United States, 33909  | **Not yet recruiting** |
| AdventHealth Medical Group Hematology & Oncology at Celebration, Celebration, Florida, United States, 34747 | **Recruiting** |
| Florida Cancer Specialists Clearwater, Florida, United States, 33761 | **Not yet recruiting** |
| Florida Cancer Specialists Daytona Beach, Florida, United States, 32117 | **Recruiting** |
| Florida Cancer Specialists Fort Myers, Florida, United States, 33901  | **Not yet recruiting** |
| Florida Cancer Specialists Fort Myers, Florida, United States, 33905  | **Not yet recruiting** |
| 21st Century Oncology Fort Myers, Florida, United States, 33908 | **Not yet recruiting** |
| Florida Cancer Specialists Gainesville, Florida, United States, 32605 | **Not yet recruiting** |
| AdventHealth Medical Group Hematology & Oncology at Kissimmee Kissimmee, Florida, United States, 34741 | **Recruiting** |
| Lakeland Regional Health Hollis Cancer Center Lakeland, Florida, United States, 33805 | **Recruiting** |
| Florida Cancer Specialists Largo, Florida, United States, 33770 | **Not yet recruiting** |
| Florida Cancer Specialists Lecanto, Florida, United States, 34461 | **Not yet recruiting** |
| Florida Cancer Specialists Naples, Florida, United States, 34102  | **Not yet recruiting** |
| Florida Cancer Specialists New Port Richey, Florida, United States, 34655 | **Not yet recruiting** |
| Florida Cancer Specialists Ocala, Florida, United States, 34471 | **Not yet recruiting** |
| Florida Cancer Specialists Orange City, Florida, United States, 32763 | **Not yet recruiting** |
| AdventHealth Hematology and Oncology Orlando, Florida, United States, 32804 | **Recruiting** |
| Investigational Drug Services, Advent Health Orlando Orlando, Florida, United States, 32804 | **Recruiting** |
| Florida Cancer Specialists Orlando, Florida, United States, 32806 | **Not yet recruiting** |
| Florida Cancer Specialists Port Charlotte, Florida, United States, 33980  | **Not yet recruiting** |
| Florida Cancer Specialists Saint Petersburg, Florida, United States, 33705 | **Not yet recruiting** |
| Florida Cancer Specialists Sarasota, Florida, United States, 34232  | **Not yet recruiting** |
| Florida Cancer Specialists Sarasota, Florida, United States, 34236  | **Not yet recruiting** |
| Florida Cancer Specialists Spring Hill, Florida, United States, 34608 | **Not yet recruiting** |
| Florida Cancer Specialists Tampa, Florida, United States, 33607 | **Not yet recruiting** |
| Florida Cancer Specialists Tavares, Florida, United States, 32778 | **Not yet recruiting** |
| Florida Cancer Specialists The Villages, Florida, United States, 32159 | **Not yet recruiting** |
| Florida Cancer Specialists Venice, Florida, United States, 34285  | **Not yet recruiting** |
| Florida Cancer Specialists Venice, Florida, United States, 34292  | **Not yet recruiting** |
| Florida Cancer Specialists Vero Beach, Florida, United States, 32960 | **Recruiting** |
| Florida Cancer Specialists Wellington, Florida, United States, 33414 | **Recruiting** |
| Florida Cancer Specialists West Palm Beach, Florida, United States, 33401 | **Recruiting** |
| Florida Cancer Specialists Winter Park, Florida, United States, 32792 | **Not yet recruiting** |
| **United States, Georgia** |
| University Cancer & Blood Center, LLC Athens, Georgia, United States, 30607 | **Not yet recruiting** |
| Piedmont Cancer Institute Atlanta, Georgia, United States, 30318 | **Recruiting** |
| Emory University Hospital Atlanta, Georgia, United States, 30322 | **Not yet recruiting** |
| The Emory Clinic Atlanta, Georgia, United States, 30322 | **Not yet recruiting** |
| Winship Cancer Institute Emory University Atlanta, Georgia, United States, 30322 | **Not yet recruiting** |
| Piedmont Cancer Institute Fayetteville, Georgia, United States, 30214 | **Recruiting** |
| Piedmont Cancer Institute Newnan, Georgia, United States, 30265 | **Recruiting** |
| Southeastern Regional Medical Center Newnan, Georgia, United States, 30265 | **Active, not recruiting** |
| **United States, Illinois** |
| Cook County Health (CCH) Chicago, Illinois, United States, 60612 | **Recruiting** |
| John H. Stroger, Jr. Hospital of Cook County/IND Pharmacy Chicago, Illinois, United States, 60612 | **Recruiting** |
| Rush University Medical Center Professional Office Building Infusion Pharmacy, Chicago, Illinois, United States, 60612 | **Not yet recruiting** |
| Rush University Medical Center Chicago, Illinois, United States, 60612 | **Not yet recruiting** |
| AMITA Health Adventist Medical Center Hinsdale Hinsdale, Illinois, United States, 60521 | **Recruiting** |
| AMITA Health Cancer Institute Hinsdale, Illinois, United States, 60521 | **Recruiting** |
| Midwestern Regional Medical Center Zion, Illinois, United States, 60099 | **Recruiting** |
| **United States, Indiana** |
| First Urology, PSC Jeffersonville, Indiana, United States, 47130 | **Recruiting** |
| **United States, Iowa** |
| University of Iowa Hospitals and Clinics Iowa City, Iowa, United States, 52242 | **Active, not recruiting** |
| **United States, Kansas** |
| The University of Kansas Clinical Research Center Fairway, Kansas, United States, 66205 | **Recruiting** |
| The University of Kansas Cancer Center Westwood, Kansas, United States, 66205 | **Recruiting** |
| **United States, Kentucky** |
| First Urology, PSC Louisville, Kentucky, United States, 40207 | **Recruiting** |
| **United States, Louisiana** |
| Ochsner Clinic Foundation New Orleans, Louisiana, United States, 70121 | **Active, not recruiting** |
| **United States, Maryland** |
| University of Maryland Greenebaum Comprehensive Cancer Center Baltimore, Maryland, United States, 21201 | **Not yet recruiting** |
| **United States, Missouri** |
| VA Saint Louis Healthcare System Saint Louis, Missouri, United States, 63106 | **Not yet recruiting** |
| **United States, Montana** |
| St. Vincent Healthcare Billings, Montana, United States, 59101 | **Not yet recruiting** |
| St. Vincent Frontier Cancer Center Billings, Montana, United States, 59102 | **Not yet recruiting** |
| **United States, Nebraska** |
| Oncology Hematology West, PC dba Nebraska Cancer Specialists Omaha, Nebraska, United States, 68114 | **Not yet recruiting** |
| Oncology Hematology West, PC dba Nebraska Cancer Specialists Omaha, Nebraska, United States, 68124 | **Not yet recruiting** |
| GU Research Network/Urology Cancer Center Omaha, Nebraska, United States, 68130 | **Recruiting** |
| Oncology Hematology West, PC dba Nebraska Cancer Specialists Omaha, Nebraska, United States, 68130 | **Not yet recruiting** |
| **United States, New Jersey** |
| New Jersey Cancer Care and Blood Disorders Belleville, New Jersey, United States, 07109 | **Recruiting** |
| New Jersey Urology, LLC Voorhees, New Jersey, United States, 08043 | **Active, not recruiting** |
| **United States, New Mexico** |
| Urology Group of New Mexico Albuquerque, New Mexico, United States, 87109 | **Recruiting** |
| San Juan Oncology Associates Farmington, New Mexico, United States, 87401 | **Recruiting** |
| **United States, New York** |
| Montefiore Medical Center - Montefiore Medical Park Bronx, New York, United States, 10461 | **Recruiting** |
| Premier Medical Group of the Hudson Valley PC Poughkeepsie, New York, United States, 12601 | **Recruiting** |
| Associated Medical Professionals of New York, PLLC Syracuse, New York, United States, 13210 | **Recruiting** |
| **United States, Ohio** |
| TriState Urologic Services PSC Inc., dba The Urology Group Cincinnati, Ohio, United States, 45212 | **Recruiting** |
| Clinical Research Solutions Middleburg Heights, Ohio, United States, 44130 | **Recruiting** |
| **United States, Oklahoma** |
| Stephenson Cancer Center Oklahoma City, Oklahoma, United States, 73104 | **Recruiting** |
| **United States, Oregon** |
| Kaiser Sunnyside Medical Center Clackamas, Oregon, United States, 97015-9303 | **Recruiting** |
| Providence Cancer Institute Clackamas Clinic Clackamas, Oregon, United States, 97015 | **Recruiting** |
| Kaiser Westside Medical Center Hillsboro, Oregon, United States, 97124 | **Recruiting** |
| Providence Cancer Institute Newberg Clinic Newberg, Oregon, United States, 97132 | **Recruiting** |
| Providence Cancer Institute Franz Clinic Portland, Oregon, United States, 97213 | **Recruiting** |
| Providence Oncology and Hematology Care Clinic - Westside Portland, Oregon, United States, 97225 | **Recruiting** |
| Kaiser Permanente Northwest Portland, Oregon, United States, 97227 | **Recruiting** |
| Oregon Urology Institute Springfield, Oregon, United States, 97477 | **Not yet recruiting** |
| **United States, Pennsylvania** |
| UPMC Hillman Cancer Center - Altoona Altoona, Pennsylvania, United States, 16601 | **Recruiting** |
| UPMC Hillman Cancer Center - Upper St. Clair Bethel Park, Pennsylvania, United States, 15102 | **Recruiting** |
| UPMC Hillman Cancer Center - Arnold Palmer - Mt View Greensburg, Pennsylvania, United States, 15601 | **Recruiting** |
| Lancaster Urology Lancaster, Pennsylvania, United States, 17604 | **Recruiting** |
| UPMC Hillman Cancer Center - Monroeville Monroeville, Pennsylvania, United States, 15146 | **Recruiting** |
| UPMC Hillman Cancer Center Pittsburgh, Pennsylvania, United States, 15232 | **Recruiting** |
| UPMC Hillman Cancer Center - Passavant (HOA) Pittsburgh, Pennsylvania, United States, 15237 | **Recruiting** |
| UPMC Hillman Cancer Center - Passavant (OHA) Pittsburgh, Pennsylvania, United States, 15237 | **Recruiting** |
| UPMC Hillman Cancer Center - Northwest Seneca, Pennsylvania, United States, 16346 | **Recruiting** |
| UPMC Hillman Cancer Center - Uniontown Uniontown, Pennsylvania, United States, 15401 | **Recruiting** |
| UPMC Hillman Cancer Center - Washington Washington, Pennsylvania, United States, 15301 | **Recruiting** |
| **United States, South Carolina** |
| Carolina Urologic Research Center Myrtle Beach, South Carolina, United States, 29572 | **Recruiting** |
| **United States, Tennessee** |
| Sarah Cannon Research Institute Chattanooga, Tennessee, United States, 37404 | **Recruiting** |
| Tennessee Oncology, PLLC Chattanooga, Tennessee, United States, 37404 | **Recruiting** |
| Tennesse Oncology, PLLC Cleveland, Tennessee, United States, 37311 | **Recruiting** |
| Tennessee Cancer Specialists-Harrogate Harrogate, Tennessee, United States, 37752 | **Not yet recruiting** |
| Tennessee Cancer Specialists-Jefferson City Jefferson City, Tennessee, United States, 37760 | **Not yet recruiting** |
| Center for Biomedical Research Knoxville, Tennessee, United States, 37909 | **Not yet recruiting** |
| Tennessee Cancer Specialists Knoxville, Tennessee, United States, 37909 | **Not yet recruiting** |
| Tennessee Cancer Specialists-Morristown Morristown, Tennessee, United States, 37813 | **Not yet recruiting** |
| Urology Associates P.C. Nashville, Tennessee, United States, 37209 | **Recruiting** |
| The Vanderbilt Clinic Nashville, Tennessee, United States, 37232 | **Active, not recruiting** |
| Vanderbuilt University Medical Center, Department of Urology Nashville, Tennessee, United States, 37232 | **Active, not recruiting** |
| **United States, Texas** |
| Urology Austin PLLC Austin, Texas, United States, 78745  | **Not yet recruiting** |
| Rio Grande Urology, P.A. El Paso, Texas, United States, 79912 | **Recruiting** |
| Houston Metro Urology Houston, Texas, United States, 77027 | **Recruiting** |
| Urology Austin, PLLC Round Rock, Texas, United States, 78681  | **Not yet recruiting** |
| Baylor Scott and White Medical Center-Temple Temple, Texas, United States, 76508 | **Recruiting** |
| **United States, Utah** |
| Farmington Health Center -University of Utah Farmington, Utah, United States, 84025 | **Recruiting** |
| Huntsman Cancer Hospital Salt Lake City, Utah, United States, 84112 | **Recruiting** |
| University of Utah, Huntsman Cancer Institute Salt Lake City, Utah, United States, 84112 | **Recruiting** |
| Redwood Health Center-University of Utah Salt Lake City, Utah, United States, 84119 | **Recruiting** |
| South Jordan Health Center -University of Utah South Jordan, Utah, United States, 84095 | **Recruiting** |
| **United States, Virginia** |
| Inova Schar Cancer Institute Infusion Pharmacy Fairfax, Virginia, United States, 22031 | **Recruiting** |
| Inova Schar Cancer Institute Fairfax, Virginia, United States, 22031 | **Recruiting** |
| **United States, Washington** |
| Swedish Cancer Institute Seattle, Washington, United States, 98104 | **Active, not recruiting** |
| Swedish Medical Center Seattle, Washington, United States, 98122 | **Active, not recruiting** |
| **United States, Wisconsin** |
| University of Wisconsin Clinical Science Center Madison, Wisconsin, United States, 53792 | **Recruiting** |
| University of Wisconsin Hospital & Clinics Madison, Wisconsin, United States, 53792 | **Recruiting** |
| **Argentina** |
| Centro de Investigacion Pergamino SA - Clinica Pergamino SA Pergamino, Buenos Aires, Argentina, B2700CPM | **Recruiting** |
| Instituto de Oncologia de Rosario Rosario, Santa FE, Argentina, S2000KZE | **Recruiting** |
| Hospital Británico de Buenos Aires Caba, Argentina, C1280AEB | **Recruiting** |
| Centro de Educacion Medica e Investigaciones Clinicas "Norberto Quirno" Cemic, Caba, Argentina, C1431FWO | **Recruiting** |
| Clinica Universitaria Reina Fabiola Cordoba, Argentina, X5004FHP | **Recruiting** |
| Hospital Privado Centro Medico de Cordoba Cordoba, Argentina, X5016KEH | **Recruiting** |
| **Australia, New South Wales** |
| Chris O'Brien Lifehouse Camperdown, New South Wales, Australia, 2050 | **Recruiting** |
| St Vincent's Hospital Sydney Darlinghurst, New South Wales, Australia, 2010 | **Recruiting** |
| Port Macquarie Base Hospital Port Macquarie, New South Wales, Australia, 2444 | **Recruiting** |
| **Australia, Queensland** |
| ICON Cancer Centre Wesley Auchenflower, Queensland, Australia, 4066 | **Recruiting** |
| River City Pharmacy Auchenflower, Queensland, Australia, 4066 | **Recruiting** |
| Princess Alexandra Hospital Brisbane, Queensland, Australia, 4102 | **Recruiting** |
| ICON Cancer Centre Chermside Chermside, Queensland, Australia, 4032 | **Recruiting** |
| ICON Cancer Centre South Brisbane South Brisbane, Queensland, Australia, 4101 | **Recruiting** |
| Integrated Clinical Oncology Network Pty Ltd (ICON) South Brisbane, Queensland, Australia, 4101 | **Recruiting** |
| ICON Cancer Centre Southport Southport, Queensland, Australia, 4215 | **Recruiting** |
| **Australia, Victoria** |
| Peter MacCallum Cancer Centre Melbourne, Victoria, Australia, 3000 | **Recruiting** |
| Peter MacCallum Cancer Centre North Melbourne, Victoria, Australia, 3051 | **Recruiting** |
| **Belgium** |
| AZ Klina Brasschaat, Belgium, 2930 | **Recruiting** |
| A.Z. Sint-Lucas Gent, Belgium, 9000 | **Recruiting** |
| UZ Gent Gent, Belgium, 9000 | **Recruiting** |
| AZ Groeninge Kortrijk, Belgium, 8500 | **Recruiting** |
| Clinique Saint-Pierre Ottignies Ottignies, Belgium, 1340 | **Recruiting** |
| CHU UCL Namur site Godinne Yvoir, Belgium, 5530 | **Recruiting** |
| **Brazil** |
| Instituto Nacional de Câncer José de Alencar Gomes da Silva - INCA Rio de Janeiro, RJ, Brazil, 20230-130 | **Recruiting** |
| Instituto Nacional de Câncer José de Alencar Gomes da Silva - INCA Rio de Janeiro, RJ, Brazil, 20231-050 | **Recruiting** |
| Instituto D'Or de Pesquisa e Ensino Rio de Janeiro, RJ, Brazil, 22281-100 | **Recruiting** |
| Associacao Hospital de Caridade de Ijui Ijui, RS, Brazil, 98700-000 | **Recruiting** |
| Sociedade Beneficencia e Caridade de Lajeado - Hospital Bruno Born Lajeado, RS, Brazil, 95900-022 | **Recruiting** |
| Centro de Pesquisa Clinica de Oncologia e Hematologia/Hospital Mae de Deus, Porto Alegre, RS, Brazil, 90110-270 | **Recruiting** |
| Centro de Pesquisa Clinica em Oncologia - Hospital Sao Lucas da Pontificia Universidade Catolica, Porto Alegre, RS, Brazil, 90610-000 | **Recruiting** |
| Hospital Nossa Senhora da Conceicao - Grupo Hospitalar Conceicao Porto Alegre, RS, Brazil, 91350-200  | **Recruiting** |
| Hospital CopaDor Rio de Janeiro, RS, Brazil, 22031-011  | **Recruiting** |
| Hospital Gloria D'Or Rio de Janeiro, RS, Brazil, 22211-230  | **Recruiting** |
| Oncologia D'Or Rio de Janeiro, RS, Brazil, 22251-040  | **Recruiting** |
| Oncologia D'Or Rio de Janeiro, RS, Brazil, 22291-110  | **Recruiting** |
| Fundacao Pio XII - Hospital de Cancer de Barretos Barretos, SP, Brazil, 14784-400 | **Recruiting** |
| Faculdade de Medicina do ABC - Centro de Estudos e Pesquisas de Hematologia e Oncologia (CEPHO), Santo Andre, SP, Brazil, 09060-650 | **Recruiting** |
| Faculdade de Medicina do ABC - Centro de Estudos e Pesquisas de Hematologia e Oncologia (CEPHO), Santo Andre, SP, Brazil, 09060-870 | **Recruiting** |
| Instituto do Cancer do Estado de Sao Paulo - ICESP Sao Paulo, SP, Brazil, 01246-000 | **Recruiting** |
| Instituto do Cancer do Estado de Sao Paulo-ICESP-Nucleo de Pesquisa Sao Paulo, SP, Brazil, 01246-000 | **Recruiting** |
| Sociedade Beneficente de Senhoras Hospital Sírio Libanês Sao Paulo, SP, Brazil, 01308-050 | **Not yet recruiting** |
| Hospital Alemão Oswaldo Cruz Sao Paulo, SP, Brazil, 01327-001 | **Recruiting** |
| **Canada, Alberta** |
| Tom Baker Cancer Centre - Alberta Health Services Calgary, Alberta, Canada, T2N 4N2 | **Recruiting** |
| **Canada, Ontario** |
| The Ottawa Hospital Cancer Center Ottawa, Ontario, Canada, K1H 8L6 | **Recruiting** |
| **Canada, Quebec** |
| Centre integre universitaire de sante et de services sociaux du Saguenay-Lac-Saint-Jean, Chicoutimi, Quebec, Canada, G7H 5H6 | **Recruiting** |
| CHUM - Centre Hospitalier de l'Universite de Montreal Montreal, Quebec, Canada, H2X 3E4 | **Recruiting** |
| Jewish General Hospital Montreal, Quebec, Canada, H3T 1E2 | **Recruiting** |
| Centre integre universitaire de sante et de services sociaux de l'Estrie Sherbrooke, Quebec, Canada, J1H 5N4 | **Recruiting** |
| **Chile** |
| Sociedad Prosalud Montes y Orlandi Ltda. Fantasy name (Orlandi Oncologia), Santiago, Metropolitana, Chile, 7500713 | **Recruiting** |
| Centro de Investigacion Clinica del Sur Temuco, Region DE LA Araucania, Chile, 4781156 | **Recruiting** |
| Sociedad de Investigaciones Medicas Ltda (SIM) Temuco, Region DE LA Araucania, Chile, 4810469 | **Recruiting** |
| Sociedad de Investigaciones Medicas Ltda (SIM) Temuco, Region DE LA Araucania, Chile, 4810561  | **Recruiting** |
| Centro de Investigaciones Clinicas Vina del Mar Vina del Mar, Valparaiso, Chile, 2540488 | **Recruiting** |
| Centro de Investigaciones Clinicas Vina del Mar Vina del Mar, Valparaiso, Chile, 2540634 | **Recruiting** |
| **China, Anhui** |
| The First Affiliated Hospital of Anhui Medical University Hefei, Anhui, China, 230022 | **Recruiting** |
| **China, Beijing** |
| Beijing Cancer Hospital Beiijng, Beijing, China, 100142 | **Recruiting** |
| Peking University First Hospital / Urology Department Beijing, Beijing, China, 100034 | **Not yet recruiting** |
| Peking University Third Hospital Beijing, Beijing, China, 100191 | **Not yet recruiting** |
| **China, Fujian** |
| The First Affiliated Hospital of Fujian Medical University Fuzhou, Fujian, China, 350005 | **Recruiting** |
| First Affiliated Hospital of Xiamen University Xiamen, Fujian, China, 361003 | **Not yet recruiting** |
| **China, Hubei** |
| Union Hospital, Tongji Medical College of Huazhong University of Science & Technology, Wuhan, Hubei, China, 430022 | **Recruiting** |
| Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, Hubei, China, 430030 | **Not yet recruiting** |
| **China, Jiangsu** |
| Nanjing Drum Tower Hospital , The Affiliated Hospital of Nanjing University Medical School, Nanjing, Jiangsu, China, 210008 | **Recruiting** |
| Second Affiliated Hospital of Suzhou University Suzhou, Jiangsu, China, 215004 | **Recruiting** |
| **China, Jiangxi** |
| The First Affiliated Hospital of Nanchang University Nanchang, Jiangxi, China, 330006 | **Recruiting** |
| **China, Shanghai** |
| Zhongshan Hospital Fudan University Shanghai, Shanghai, China, 200032 | **Recruiting** |
| Huashan Hospital Fudan University Shanghai, Shanghai, China, 200040 | **Not yet recruiting** |
| Shanghai General Hospital Shanghai, Shanghai, China, 200080 | **Recruiting** |
| **China, Shanxi** |
| The First Affiliated Hospital of Xi'an Jiaotong University Xi'an, Shanxi, China, 710061 | **Recruiting** |
| **China, Sichuan** |
| West China Hospital of Sichuan University Chengdu, Sichuan, China, 610041 | **Recruiting** |
| **China, Yunnan** |
| Yunnan Cancer Hospital Kunming, Yunnan, China, 650118 | **Recruiting** |
| **China, Zhejiang** |
| Zhejiang Provincial People's Hospital Hangzhou, Zhejiang, China, 310014 | **Recruiting** |
| Zhejiang Cancer Hospital Hangzhou, Zhejiang, China, 310022 | **Recruiting** |
| Ningbo First Hospital Ningbo, Zhejiang, China, 315010 | **Recruiting** |
| **China** |
| Chongqing University Cancer Hospital Chongqing, China, 400030 | **Recruiting** |
| Ruijin Hospital Affiliated to Shanghai Jiaotong University School of Medicine Shanghai, China, 200025 | **Recruiting** |
| Fudan University Cancer Hospital, Deptartment of Urology Shanghai, China, 200032 | **Recruiting** |
| The Fifth People's Hospital of Shanghai, Fudan University Shanghai, China, 201100 | **Recruiting** |
| The Second Hospital of Tianjin Medical University Tianjin, China, 300211 | **Recruiting** |
| **Czechia** |
| Fakultní nemocnice Hradec Králové Hradec Kralove, Czechia, 500 05 | **Recruiting** |
| Fakultni nemocnice Ostrava Ostrava-Poruba, Czechia, 708 52 | **Recruiting** |
| Multiscan s.r.o. Pardubice, Czechia, 532 03 | **Recruiting** |
| Fakultní nemocnice Královské Vinohrady Praha 10, Czechia, 100 34 | **Recruiting** |
| Masarykova nemocnice v Usti nad Labem, o.z. Krajska zdravotni a.s. Usti nad Labem, Czechia, 401 13 | **Not yet recruiting** |
| **Finland** |
| HUS Helsinki University Hospital Helsinki, Finland, 00029 | **Recruiting** |
| Docrates Cancer Center Helsinki, Finland, 00180 | **Recruiting** |
| HUS Pharmacy, Clinical Trials Helsinki, Finland, 00290 | **Recruiting** |
| OYS apteekki Kempele, Finland, 90440 | **Recruiting** |
| Kuopio University Hospital Kuopio, Finland, 70029 | **Recruiting** |
| Kuopio University Hospital Kuopio, Finland, 70210 | **Recruiting** |
| Oulun yliopistollinen sairaala Oulu, Finland, 90220 | **Recruiting** |
| Tampere University Hospital Tampere, Finland, 33520 | **Recruiting** |
| Turku University Hospital Turku, Finland, 20520 | **Recruiting** |
| **France** |
| Centre d'Oncologie du Pays-Basque Bayonne, France, 64100 | **Recruiting** |
| Clinique CAPIO Belharra Bayonne, France, 64100 | **Recruiting** |
| Hopital Pellegrin Bordeaux Cedex, France, 33076 | **Recruiting** |
| Hopital Saint Andre - CHU de Bordeaux Bordeaux, France, 33075 | **Recruiting** |
| CHD Vendée LA ROCHE SUR YON cedex 9, France, 85925 | **Recruiting** |
| Clinique Victor Hugo-Centre Jean Bernard Le Mans, France, 72000 | **Recruiting** |
| Clinique Victor Hugo Le Mans, France, 72015 Cedex 02 | **Recruiting** |
| Centre Leon Berard Lyon Cedex 08, France, 69373  | **Recruiting** |
| Centre Léon Bérard Lyon CEDEX 08, France, 69373 | **Recruiting** |
| CHU Montpellier-Hopital Saint Eloi Montpellier cedex 5, France, 34295 | **Recruiting** |
| Hopital Europeen Georges Pompidou Paris Cedex 15, France, 75908 | **Recruiting** |
| Hopital Saint-Louis Paris, France, 75010 | **Recruiting** |
| Clinique Sainte Anne Strasbourg, France, 67000 | **Recruiting** |
| Hopitaux Universitaires de Strasbourg - ICANS Strasbourg, France, 67200 | **Recruiting** |
| Hopital Foch Suresnes Cedex, France, 92151 | **Recruiting** |
| Hopital Foch Suresnes, France, 92150 | **Recruiting** |
| Institut Gustave Roussy VILLEJUIF cedex, France, 94805 | **Recruiting** |
| **Germany** |
| Universitatsklinikum Erlangen Medizinische Klinik 5 Erlangen, Bayern, Germany, 91054 | **Not yet recruiting** |
| Universitaetsklinikum Duesseldorf Duesseldorf, Germany, 40225 | **Recruiting** |
| Universitaetsklinikum Erlangen, Urologische und Kinderurologische Klinik, Erlangen, Germany, 91054 | **Not yet recruiting** |
| Universitaetsklinikum Hamburg-Eppendorf Hamburg, Germany, 20246 | **Recruiting** |
| Universitaetsklinik Heidelberg Heidelberg, Germany, 69120 | **Recruiting** |
| Diagnostikzentrum Kirchheim, Germany, 73230 | **Recruiting** |
| Universitaetsklinikum Muenster Muenster, Germany, 48149 | **Recruiting** |
| Studienpraxis Urologie Nuertingen, Germany, 72622 | **Recruiting** |
| Labor Dr. Gartner Ravensburg, Germany, 88212 | **Recruiting** |
| Laborgemeinschaft Reutlingen Reutlingen, Germany, 72770 | **Recruiting** |
| Kliniken Nordoberpfalz AG Weiden, Germany, 92637 | **Not yet recruiting** |
| **Hungary** |
| Semmelweis Egyetem Urologiai Klinika Budapest, Hungary, 1082 | **Recruiting** |
| Országos Onkológiai Intézet Budapest, Hungary, 1122 | **Recruiting** |
| Uzsoki Utcai Korhaz Budapest, Hungary, 1145 | **Recruiting** |
| Uzsoki Utcai Kórház Budapest, Hungary, 1145 | **Recruiting** |
| Debreceni Egyetem Klinikai Kozpont Debrecen, Hungary, 4032 | **Recruiting** |
| Pecsi Tudomanyegyetem Klinikai Kozpont Onkoterapias Intezet Pecs, Hungary, 7624 | **Recruiting** |
| **Israel** |
| Rambam Health Care Campus Haifa, Israel, 3109601 | **Recruiting** |
| Shaare Zedek Medical Center Jerusalem, Israel, 9103102 | **Recruiting** |
| Tel Aviv Sourasky Medical Center Tel Aviv, Israel, 6423906 | **Recruiting** |
| **Italy** |
| Azienda Ospedaliero-Universitaria Policlinico Sant' Orsola Malpighi Bologna, BO, Italy, 40138 | **Recruiting** |
| ASST di Cremona Cremona, CR, Italy, 26100 | **Recruiting** |
| Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori (IRST) IRCCS, Meldola, FC, Italy, 47014 | **Recruiting** |
| Azienda Ospedaliera S. Maria Terni, TN, Italy, 05100 | **Recruiting** |
| Ospedale Santa Chiara Trento, TN, Italy, 38122 | **Recruiting** |
| AOU San Luigi Gonzaga Orbassano, TO, Italy, 10043 | **Recruiting** |
| ASST-Spedali Civili di Brescia Brescia, Italy, 25123 | **Not yet recruiting** |
| A.O.R.N. "A. Cardarelli" Napoli, Italy, 80131 | **Not yet recruiting** |
| Istituto Nazionale Tumori IRCCS Fondazione G. Pascale - Napoli Napoli, Italy, 80131 | **Recruiting** |
| **Japan** |
| Nagoya University Hospital Nagoya, Aichi, Japan, 466-8560 | **Recruiting** |
| Hirosaki University School of Medicine & Hospital Hirosaki, Aomori, Japan, 036-8563 | **Recruiting** |
| National Cancer Center Hospital East Kashiwa, Chiba, Japan, 277-8577 | **Recruiting** |
| National Hospital Organization Shikoku Cancer Center Matsuyama, Ehime, Japan, 791-0280 | **Recruiting** |
| National Hospital Organization Kure Medical Center and Chugoku Cancer Center, Kure, Hiroshima, Japan, 737-0023 | **Recruiting** |
| National Hospital Organization Hokkaido Cancer Center Sapporo, Hokkaido, Japan, 003-0804 | **Recruiting** |
| Hokkaido University Hospital Sapporo, Hokkaido, Japan, 060-8648 | **Recruiting** |
| Kanazawa University Hospital Kanazawa, Ishikawa, Japan, 920-8641 | **Recruiting** |
| Yokohama City University Medical Center Yokohama, Kanagawa, Japan, 232-0024 | **Recruiting** |
| Yokosuka Kyosai Hospital Yokosuka, Kanagawa, Japan, 238-8558 | **Recruiting** |
| Osaka International Cancer Institute Osaka-shi, Osaka, Japan, 5418567 | **Recruiting** |
| Kindai University Hospital Osakasayama, Osaka, Japan, 589-8511 | **Recruiting** |
| Osaka University Hospital Suita, Osaka, Japan, 565-0871 | **Recruiting** |
| Hamamatsu University School of Medicine, University Hospital Hamamatsu, Shizuoka, Japan, 431-3192 | **Recruiting** |
| National Hospital Organization Tokyo Medical Center Meguro-ku, Tokyo, Japan, 152-8902 | **Recruiting** |
| Keio University Hospital Shinjuku-ku, Tokyo, Japan, 160-8582 | **Recruiting** |
| Chiba Cancer Center Chiba, Japan, 260-8717 | **Recruiting** |
| National Hospital Organization Kyushu Cancer Center Fukuoka, Japan, 811-1395 | **Recruiting** |
| Kagoshima University Hospital Kagoshima, Japan, 890-8520 | **Recruiting** |
| National Hospital Organization Kumamoto Medical Center Kumamoto, Japan, 860-0008 | **Recruiting** |
| Tokushima University Hospital Tokushima, Japan, 770-8503 | **Recruiting** |
| Yamagata Prefectural Central Hospital Yamagata, Japan, 990-2292 | **Recruiting** |
| Yamagata University Hospital Yamagata, Japan, 990-9585 | **Recruiting** |
| **Republic of Korea** |
| Clinical Trial Pharmacy, National Cancer Center Goyang-si, Gyeonggi-do, Korea, Republic of, 10408 | **Recruiting** |
| National Cancer Center Goyang-si, Gyeonggi-do, Korea, Republic of, 10408 | **Recruiting** |
| Pusan National University Hospital Busan, Korea, Republic of, 49241 | **Recruiting** |
| Kyungpook National University Chilgok Hospital Daegu, Korea, Republic of, 41404 | **Recruiting** |
| Seoul National University Hospital Seoul, Korea, Republic of, 03080 | **Recruiting** |
| Clinical Trial Center, Severance Hospital, yonsei University Health System Seoul, Korea, Republic of, 03722 | **Recruiting** |
| Severance Hospital, Yonsei University Health System Seoul, Korea, Republic of, 03722 | **Recruiting** |
| Asan Medical Center Seoul, Korea, Republic of, 05505 | **Recruiting** |
| Cancer Center Clinical Trial, Asan Medical Center Seoul, Korea, Republic of, 05505 | **Recruiting** |
| Clinical Trials Center Pharmacy Seoul, Korea, Republic of, 06351 | **Recruiting** |
| Samsung Medical Center Seoul, Korea, Republic of, 06351 | **Recruiting** |
| Clinical Trial Pharmacy, The Catholic University of Korea Seoul, Korea, Republic of, 06591 | **Recruiting** |
| The Catholic University of Korea, Seoul St. Mary's Hospital Seoul, Korea, Republic of, 06591 | **Recruiting** |
| **New Zealand** |
| Tauranga Urology Research Limited Tauranga, BAY OF Plenty, New Zealand, 3112 | **Recruiting** |
| Canterbury District Health Board Christchurch, Canterbury, New Zealand, 8011 | **Recruiting** |
| Waikato Hospital Hamilton, Waikato, New Zealand, 3204 | **Recruiting** |
| Auckland City Hospital Auckland, New Zealand, 1023 | **Recruiting** |
| Auckland Regional Blood & Cancer Service Auckland, New Zealand, 1023 | **Recruiting** |
| **Norway** |
| Sykehusapoteket Ostfold, Kalnes Gralum, Norway, 1712 | **Recruiting** |
| Ostfold County Hospital, Kalnes Gralum, Norway, 1714 | **Recruiting** |
| Akershus University Hospital Lorenskog, Norway, 1478 | **Recruiting** |
| Oslo University Hospital -Ullevål & Radiumhospitalet Oslo, Norway, 0379 | **Active, not recruiting** |
| St. Olavs Hospital, Trondheim University Hospital Trondheim, Norway, 7030 | **Recruiting** |
| Sykehusapoteket i Trondheim Trondheim, Norway, 7030 | **Recruiting** |
| **Peru** |
| Clinica Monte Carmelo S.C.R.LTDA. Arequipa, Peru | **Recruiting** |
| Hospital Militar Central "Coronel Luis Arias Schreiber" Lima, Peru, Lima 11 | **Active, not recruiting** |
| Instituto Nacional de Enfermedades Neoplasicas Lima, Peru, Lima 34 | **Not yet recruiting** |
| Clinica Internacional Sede San Borja Lima, Peru, Lima 41 | **Recruiting** |
| Clinica Oncosalud Lima, Peru, Lima 41 | **Recruiting** |
| **Poland** |
| Szpital Specjalistyczny w Brzozowie Podkarpacki Osrodek Onkologiczny im. ks. B. Markiewicza, Brzozow, Poland, 36-200 | **Recruiting** |
| Szpitale Pomorskie Sp. z o.o. Oddzial Onkologii i Radioterapii Gdynia, Poland, 81-519 | **Recruiting** |
| Przychodnia Lekarska "Komed" Roman Karaszewski Konin, Poland, 62-500 | **Recruiting** |
| Europejskie Centrum Zdrowia Otwock Szpital im. Fryderyka Chopina Otwock, Poland, 05-400 | **Recruiting** |
| City Clinic Sp. z o.o. Warsaw, Poland, 02-473  | **Recruiting** |
| NZOZ Szpital Mazovia; Oddzial urologiczny Warszawa, Poland, 02-797 | **Recruiting** |
| **Portugal** |
| Centro Clínico Académico - Braga, Associação (2CABraga) Braga, Portugal, 4710-243 | **Recruiting** |
| Instituto Português Oncologia de Coimbra Francisco Gentil - E.P.E Coimbra, Portugal, 3000-075 | **Recruiting** |
| Fundação Champalimaud Lisboa, Portugal, 1400-038 | **Recruiting** |
| Hospital da LuzLisboa, Portugal, 1500-650 | **Recruiting** |
| Centro Hospitalar do Porto - Hospital de Santo Antonio Porto, Portugal, 4099-001 | **Recruiting** |
| Instituto Português de Oncologia do Porto Francisco Gentil Porto, Portugal, 4200-072 | **Recruiting** |
| **South Africa** |
| Cancercare Langenhoven Drive Oncology Centre Port Elizabeth, Eastern CAPE, South Africa, 6045 | **Recruiting** |
| Wits Clinical Research Charlotte Maxeke Johannesburg Academic Hospital (CMJAH), Clinical Trial Site, Johannesburg, Gauteng, South Africa, 2193 | **Recruiting** |
| Wits Clinical Research Johannesburg, Gauteng, South Africa, 2193 | **Recruiting** |
| The Medical Oncology Centre of Rosebank Johannesburg, Gauteng, South Africa, 2196 | **Recruiting** |
| CancerCare Rondebosch Oncology Cape Town, Western CAPE, South Africa, 7700 | **Recruiting** |
| Outeniqua Cancercare Oncology Unit George, Western CAPE, South Africa, 6530 | **Recruiting** |
| Cape Town Oncology Trials Kraaifontein, Cape Town, Western CAPE, South Africa, 7570 | **Recruiting** |
| **Spain** |
| Hospital Clinico Universitario de Santiago de Compostela Santiago de Compostela, A Coruna, Spain, 15706 | **Recruiting** |
| Hospital General Universitario de Elche Elche, Alicante, Spain, 03203 | **Recruiting** |
| Institut Catala d'Oncologia - ICO L'Hospitalet L'Hospitalet de Llobregat, Barcelona, Spain, 08908 | **Recruiting** |
| Corporacio Sanitaria i Universitaria Parc Tauli Sabadell, Barcelona, Spain, 08208 | **Recruiting** |
| Hospital Universitario Virgen de la Arrixaca El Palmar, Murcia, Spain, 30120 | **Recruiting** |
| Hospital Universitari Vall d'Hebron Barcelona, Spain, 08035 | **Recruiting** |
| Hospital Clinic de Barcelona Barcelona, Spain, 08036 | **Recruiting** |
| Hospital Universitario La Princesa Madrid, Spain, 28006 | **Recruiting** |
| Hospital General Universitario Gregorio Maranon Madrid, Spain, 28009 | **Recruiting** |
| MD Anderson Cancer Center Madrid, Spain, 28033 | **Recruiting** |
| Hospital Universitario 12 De Octubre Madrid, Spain, 28041 | **Recruiting** |
| **Sweden** |
| Klinisk Provningsenhet (KPE) Onkologi Goteborg, Sweden, 413 45 | **Not yet recruiting** |
| Patientomrade Backencancer, Tema Cancer Stockholm, Sweden, 171 76 | **Recruiting** |
| Cancercentrum Umeå, Sweden, 901 85 | **Recruiting** |
| **United Kingdom** |
| University Hospitals Plymouth NHS Trust Plymouth, Devon, United Kingdom, PL6 8DH | **Recruiting** |
| The Clatterbridge Cancer Centre NHS Foundation Trust Bebington, Wirral, United Kingdom, CH63 4JY | **Recruiting** |
| Royal Cornwall Hospitals NHS Trust Cornwall, United Kingdom, TR1 3LJ | **Recruiting** |
| NHS Greater Glasgow and Clyde, The Beatson West of Scotland Cancer Centre, Glasgow, United Kingdom, G12 0YN | **Recruiting** |
| The Clatterbridge Cancer Centre - Liverpool Liverpool, United Kingdom, L7 8YA | **Recruiting** |
| Imperial College Healthcare NHS Trust London, United Kingdom, W12 0HS | **Recruiting** |
| Imperial College Healthcare NHS Trust London, United Kingdom, W2 1NY | **Recruiting** |
| Imperial College Healthcare NHS Trust, Charing Cross Hospital London, United Kingdom, W6 8RF | **Recruiting** |
| Oxford University Hospitals NHS Trust Oxford, United Kingdom, OX3 7LE | **Recruiting** |

**Methods**

**DDR alteration analysis**

Patients were enrolled based on results from the FoundationOne CDx or FoundationOne Liquid CDx test (Foundation Medicine, Cambridge, MA, USA). The FoundationOne tests are qualitative next-generation-sequencing–based in vitro diagnostic tests that use targeted, high-throughput hybridization-based capture technology to detect gene alterations (indels, rearrangements, and copy number variations) in up to 324 genes. Both tests have been approved as companion diagnostics to identify patients with prostate cancer who may benefit from treatment with certain poly(ADP-ribose) polymerase inhibitors. Concordance between the two tests for *BRCA1* and *BRCA2* in prostate and ovarian cancer was observed at the sample and variant levels with a positive predictive value of 88.03% and 87.28%, respectively, and a negative predicitve value of 95.68% and 99.83%, respectively, as described on the FDA label: https://www.accessdata.fda.gov/cdrh\_docs/pdf19/P190032B.pdf.

Furthermore, both tests will be performed on the majority of patients to generate additional concordance data for the other genes in the DNA damage response panel.