Abstract

The Oncology Research Information Exchange Network (ORIEN) is a research partnership among North America’s top cancer centers that recognize collaboration and access to data are the keys to cancer discovery. ORIEN allows founders Moffitt and The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute in Columbus leverage multiple data sources and match patients to targeted treatments.

Mission

Accelerating cancer discovery and delivering hope through collaborative learning and partnerships.” A consortium of leading cancer centers, ORIEN creates a shared platform and database from which information can be accessed in the pursuit of discovering cancer treatments and engaging potential patients. With a goal of advancing precision based-therapies, M2Gen (an informatics and R&D solutions service company) identifies opportunities for ORIEN member institutions to advance the drug
development and delivery process by working with industry partners on sponsored projects across the Clinical Trials Continuum, which includes preclinical, in silico trial design, patient-trial matching and cohort surveillance

**Consortium History**

2016: **Takeda and M2Gen Collaborate with ORIEN to Speed Clinical Development and Discovery of Cancer Treatments Through Health Informatics**

2016: **M2Gen to Lead ORIEN Avatar Research Program to Expand, Accelerate Targeted Trials for Advanced Stage Cancers & High-Risk Patients**

2016: **PatientsLikeMe and M2Gen Announce Partnership and Plans for Landmark Cancer Experience Study**

**Structure & Governance**

Leading cancer research centers across the U.S. collaborate with key stakeholders in cancer related industries, such as health informatics and pharmaceuticals, to inform the discovery and clinical development of novel cancer therapeutics.

M2Gen, an informatics and R&D solutions service company created by one of the founding members, Moffitt, guides ORIEN’s operations and strategy.

**Intellectual Property**

ORIEN member cancer centers are true partners in data exchange and collaboration through the use of a common protocol, Total Cancer Care®.
Patent Engagement

Data is utilized by ORIEN members and partners to match potential patients for cutting edge clinical trials for cancer treatments. More than 100,000 patients have made lifetime commitments to be studied through ORIEN’s Total Cancer Care (TCC) Protocol.

Data Sharing

ORIEN partners utilize a common protocol: Total Cancer Care®. The tool, established by Moffitt in 2006, provides a standard system for tracking patient molecular, clinical and epidemiological data and follows the patient throughout his or her lifetime. Partners have access to one of the world’s largest clinically annotated cancer tissue repositories and data from more than 100,000 patients who have consented to the donation for research.

Links/Social Media Feed

Homepage http://oriencancer.org/

Points of Contact

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Sponsors & Partners

The Moffitt Cancer Center
The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute
City of Hope Comprehensive Cancer Center
University of Virginia Health System Cancer Center
University of Colorado Cancer Center
University of New Mexico Comprehensive Cancer Center
Morehouse School of Medicine
Rutgers Cancer Institute of New Jersey
USC Norris Comprehensive Cancer Center
The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
Huntsman Cancer Institute
Dartmouth-Hitchcock Norris Cotton Cancer Center
Winship Cancer Institute of Emory University
Stephenson Cancer Center
University of Iowa Holden Comprehensive Cancer Center

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