

Resource Summary Report

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Steve and Cindy Rasmussen Institute for Genomic Medicine Clinical Laboratory Core Facility at Nationwide Children's Hospital

RRID:SCR_017840

Type: Tool

Proper Citation

Steve and Cindy Rasmussen Institute for Genomic Medicine Clinical Laboratory Core Facility at Nationwide Children's Hospital (RRID:SCR_017840)

Resource Information

URL: <http://www.nationwidechildrens.org/genomics>

Proper Citation: Steve and Cindy Rasmussen Institute for Genomic Medicine Clinical Laboratory Core Facility at Nationwide Children's Hospital (RRID:SCR_017840)

Description: Core performs and analyzes integrated clinical genomic, molecular, microarray, FISH, and cytogenetic analyses to diagnose broad range of inherited diseases and cancer. Serves as centralized clinical testing laboratory for Children Oncology Group leukemia, Wilms tumor, medulloblastoma, and rhabdomyosarcoma studies. Emphasizes collaborative interactions between clinicians, physician-scientists, and basic science investigators to quickly transition cutting edge research results into cutting edge diagnostics, using technology platforms. Services include Whole Exome Sequencing (WES), cytogenetic chromosome analysis, Fluorescence in situ Hybridization, Chromosomal microarray analysis, Molecular Genetic Testing - Inherited Diseases, Molecular Genetic Testing - Cancer.

Abbreviations: IGM

Synonyms: Institute for Genomic Medicine Clinical Laboratory

Resource Type: core facility, service resource, access service resource

Keywords: Clinical, genomic, molecular, microarray, FISH, cytogenetic, inherited, disease, cancer, testing, children, oncology, leukemia, medulloblastoma, rhabdomyosarcoma, diagnosis, whole, exome, sequencing, chromosomal, microarray, analysis, molecular, genetic, service, core, ABRF

Availability: Restricted

Resource Name: Steve and Cindy Rasmussen Institute for Genomic Medicine Clinical Laboratory Core Facility at Nationwide Children's Hospital

Resource ID: SCR_017840

Alternate IDs: ABRF_631

Record Creation Time: 20220129T080337+0000

Record Last Update: 20260801T191241+0000

Ratings and Alerts

No rating or validation information has been found for Steve and Cindy Rasmussen Institute for Genomic Medicine Clinical Laboratory Core Facility at Nationwide Children's Hospital.

No alerts have been found for Steve and Cindy Rasmussen Institute for Genomic Medicine Clinical Laboratory Core Facility at Nationwide Children's Hospital.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Salehi Rad S, et al. (2025) A 12-year surveillance study on distribution and antimicrobial resistance of gram-positive bacteria in Iran. *AMB Express*, 15(1), 30.

Balbi M, et al. (2025) Longitudinal Changes of CT-radiomic and Systemic Inflammatory Features Predict Survival in Advanced Non-Small Cell Lung Cancer Patients Treated With Immune Checkpoint Inhibitors. *Journal of thoracic imaging*, 40(1).

Yang J, et al. (2025) Serum adiponectin level is negatively related to insulin resistance in women with polycystic ovary syndrome. *Endocrine connections*, 14(1).

Rask GC, et al. (2025) Seclidemstat (SP-2577) Induces Transcriptomic Reprogramming and Cytotoxicity in Multiple Fusion-Positive Sarcomas. *Cancer research communications*, 5(9), 1584.

Chen N, et al. (2024) Distribution and characteristics of bacteria on the hand during oropharyngeal swab collection: Which handwashing points are affected? *Journal of clinical nursing*, 33(12), 4708.

Ma L, et al. (2024) Characteristics of peripheral immune response induced by large-vessel occlusion in patients with acute ischemic stroke. *Frontiers in neurology*, 15, 1512720.

Li B, et al. (2024) Quality Control Circle Practices to Reduce Specimen Rejection Rates. *Journal of multidisciplinary healthcare*, 17, 4925.

Hu Z, et al. (2024) Changes in cerebrospinal fluid proteins across the spectrum of untreated and treated chronic HIV-1 infection. *PLoS pathogens*, 20(9), e1012470.