Resource Summary Report

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Michigan Neonatal Biobank

RRID:SCR_004541
Type: Tool

Proper Citation

Michigan Neonatal Biobank (RRID:SCR_004541)

Resource Information

URL: http://www.mnbb.org/

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Description: The Michigan Neonatal Biobank (Biobank) is a storage and management facility for The Michigan Department of Community Health"s archive of dried blood spot cards. A 501(c)3 non-profit charitable organization, the Biobank is contracted to serve as the repository for storage and management of the samples in a temperature controlled facility at Wayne State University"s Biobanking Center of Excellence in Tech Town. The Biobank"s roots are planted in the State"s Newborn Screening Program which began in 1965 in the Department of Community Health. Newborn screening is a public health program required by Michigan law to find babies with rare but serious disorders that require early treatment. A few drops of blood taken from the baby"s heel are sent to the State Public Health Laboratory and are tested for 49 disorders. Each year more than 200 Michigan babies are found to have a disorder detected by Newborn Screening. Once screening in the State laboratory is complete, residual dried blood spot samples that are no longer needed for testing are each assigned a unique code which assures anonymity for the sample and its donor. The samples are then sent for storage in the Michigan Neonatal Biobank.

Resource Type: biomaterial supply resource, material resource

Related Condition: Neonatal

Resource Name: Michigan Neonatal Biobank

Resource ID: SCR_004541

Alternate IDs: nlx_53327

Record Creation Time: 20220129T080225+0000

Record Last Update: 20260801T191050+0000

Ratings and Alerts

No rating or validation information has been found for Michigan Neonatal Biobank.

No alerts have been found for Michigan Neonatal Biobank.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Sen A, et al. (2015) Multigenerational epigenetic inheritance in humans: DNA methylation changes associated with maternal exposure to lead can be transmitted to the grandchildren. Scientific reports, 5, 14466.

Roberts AL, et al. (2013) Perinatal air pollutant exposures and autism spectrum disorder in the children of Nurses' Health Study II participants. Environmental health perspectives, 121(8), 978.