Resource Summary Report

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Organ Procurement and Transplantation Network

RRID:SCR_004883
Type: Tool

Proper Citation

Organ Procurement and Transplantation Network (RRID:SCR_004883)

Resource Information

URL: http://optn.transplant.hrsa.gov/

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Description: The only national patient waiting list and an online database system, called UNet, that links all of the professionals involved in the donation and transplantation system for the collection, storage, analysis, and publication of all OPTN data pertaining to the patient waiting list, organ matching, and transplants. The system contains data regarding every organ donation and transplant event occurring in the U.S. since October 1, 1987. UNet is a fail-safe, 24/7, secure Internet-based transplant information database created to enable the nation""s organ transplant institutions to: * register patients for transplants * match donated organs to waiting patients * manage the time-sensitive, life-critical data of all patients, before and after their transplants Data reports are available by type: National Data, Regional Data, State Data, Center Data, Build Advanced Report, and Annual Report Data. UNet is being used right now by all of the nation""s organ transplant programs, organ procurement organizations, and histocompatibility (tissue typing) laboratories working cooperatively to efficiently share a limited number of donated organs among thousands of patients.

Abbreviations: OPTN

Synonyms: Organ Procurement Transplantation Network

Resource Type: patient registry, data or information resource, people resource, database

Keywords: transplant, organ, kidney, pancreas, liver, heart, lung, intestine, adult, pediatric, adult human, young human, child, thoracic, waiting list, donation, transplantation, data set, medical data, FASEB list

Funding: Health Resources and Services Administration

Resource Name: Organ Procurement and Transplantation Network

Resource ID: SCR_004883

Alternate IDs: nlx_143932

Old URLs: http://www.optn.org/

Record Creation Time: 20220129T080227+0000

Record Last Update: 20250424T064733+0000

Ratings and Alerts

No rating or validation information has been found for Organ Procurement and Transplantation Network.

No alerts have been found for Organ Procurement and Transplantation Network.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Kosmach-Park B, et al. (2025) Bridging the Gap: A Review of Pediatric to Adult Transition of Care in Liver Transplantation. Pediatric transplantation, 29(1), e14900.

Roberts MK, et al. (2024) The Importance of Describing Patient Populations. Progress in transplantation (Aliso Viejo, Calif.), 34(1-2), 58.

Borges TJ, et al. (2024) Exploring immune response toward transplanted human kidney tissues assembled from organoid building blocks. iScience, 27(10), 110957.

Pike CM, et al. (2024) High-Throughput Assay for Predicting Diarrhea Risk Using a 2D Human Intestinal Stem Cell-Derived Model. bioRxiv : the preprint server for biology.

Ali H, et al. (2023) Outcomes of thymoglobulin versus basiliximab induction therapies in living donor kidney transplant recipients with mild to moderate immunological risk - a retrospective analysis of UNOS database. Annals of medicine, 55(1), 2215536.

Pike CM, et al. (2023) Characterization and optimization of variability in a human colonic epithelium culture model. bioRxiv : the preprint server for biology.

Zhang Y, et al. (2022) SurvBenchmark: comprehensive benchmarking study of survival analysis methods using both omics data and clinical data. GigaScience, 11.

Abd El-Aziz AM, et al. (2021) Viscoelasticity, Mechanical Properties, and In Vitro Bioactivity of Gelatin/Borosilicate Bioactive Glass Nanocomposite Hydrogels as Potential Scaffolds for Bone Regeneration. Polymers, 13(12).

Steggerda JA, et al. (2020) Higher thresholds for the utilization of steatotic allografts in liver transplantation: Analysis from a U.S. national database. PloS one, 15(4), e0230995.

Kumar Gupta A, et al. (2020) Asynchronous mixing of kidney progenitor cells potentiates nephrogenesis in organoids. Communications biology, 3(1), 231.

Zaffagnini G, et al. (2018) p62 filaments capture and present ubiquitinated cargos for autophagy. The EMBO journal, 37(5).

Elsayes KM, et al. (2017) Liver Imaging Reporting and Data System: an expert consensus statement. Journal of hepatocellular carcinoma, 4, 29.

Riehle-Colarusso TJ, et al. (2016) Databases for Congenital Heart Defect Public Health Studies Across the Lifespan. Journal of the American Heart Association, 5(11).

Yabu JM, et al. (2016) Immune Profiles to Predict Response to Desensitization Therapy in Highly HLA-Sensitized Kidney Transplant Candidates. PloS one, 11(4), e0153355.

Maggiore U, et al. (2015) Strategies to increase the donor pool and access to kidney transplantation: an international perspective. Nephrology, dialysis, transplantation : official publication of the European Dialysis and Transplant Association - European Renal Association, 30(2), 217.

Batchelder CA, et al. (2015) Natural Scaffolds for Renal Differentiation of Human Embryonic Stem Cells for Kidney Tissue Engineering. PloS one, 10(12), e0143849.

, et al. (2015) Symposium Summaries. Pediatric pulmonology, 50 Suppl 41(Suppl 41), S108.

Ghouse R, et al. (2014) Mysteries of ?1-antitrypsin deficiency: emerging therapeutic strategies for a challenging disease. Disease models & mechanisms, 7(4), 411.

Boerner BP, et al. (2014) Efficacy and safety of sitagliptin for the treatment of new-onset diabetes after renal transplantation. International journal of endocrinology, 2014, 617638.

Travis TE, et al. (2014) Organ donation from burn-injured patients--a national perspective.

The Journal of surgical research, 190(1), 289.