Resource Summary Report

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Nonalcoholic Steatohepatitis Clinical Research Network

RRID:SCR_001519
Type: Tool

Proper Citation

Nonalcoholic Steatohepatitis Clinical Research Network (RRID:SCR_001519)

Resource Information

URL: https://jhuccs1.us/nash/

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Description: Clinical research network to focus on the etiology, contributing factors, natural history, complications, and therapy of nonalcoholic steatohepatitis. They research the nature and underlying cause of Nonalcoholic Steatohepatitis (NASH) and conduct clinical studies on prevention and treatment. Approximately 1,500 pediatric and adult participants throughout the United States and Canada with nonalcoholic fatty liver disease (NAFLD) have enrolled into a database. The NASH CRN has recently reopened the database to enroll additional pediatric and adult participants with NAFLD. Serum, liver tissue, and genomic DNA samples are being collected and stored in the NIDDKrepository for ongoing as well as future studies. A three-arm randomized, placebo-controlled clinical trial of pioglitazone versus vitamin E completed enrollment in 2009. In addition to this adult trial, a similar trial in pediatric NASH patients randomized 180 children to receive treatment with vitamin E, metformin, or placebo.

Abbreviations: NASH CRN

Synonyms: Nonalcoholic Steatohepatitis Clinical Research Network (NASH CRN), Clinical Research Network in Nonalcoholic Steatohepatitis

Resource Type: data or information resource, topical portal, clinical trial, resource, research forum portal, disease-related portal, portal

Keywords: prevention, treatment, pediatric, child, adult human, serum, liver tissue, dna, placebo, pioglitazone, vitamin e, metformin, etiology, contributing factor, natural history, complication, therapy, young human, database, clinical trial, bibliography, patient registry

Related Condition: Nonalcoholic steatohepatitis, Nonalcoholic fatty liver disease

Funding: NIDDK 1ZIADK075013

Availability: Account required, Authorized users only

Resource Name: Nonalcoholic Steatohepatitis Clinical Research Network

Resource ID: SCR_001519

Alternate IDs: nlx_152845

Old URLs: https://www.nashcrn.com

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250416T063237+0000

Ratings and Alerts

No rating or validation information has been found for Nonalcoholic Steatohepatitis Clinical Research Network .

No alerts have been found for Nonalcoholic Steatohepatitis Clinical Research Network .

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Zhang Y, et al. (2021) An explainable supervised machine learning predictor of acute kidney injury after adult deceased donor liver transplantation. Journal of translational medicine, 19(1), 321.

Ou H, et al. (2017) A noninvasive diagnostic model to assess nonalcoholic hepatic steatosis in patients with chronic hepatitis B. Therapeutic advances in gastroenterology, 10(2), 207.

Wang Y, et al. (2017) MiR-130a-3p attenuates activation and induces apoptosis of hepatic stellate cells in nonalcoholic fibrosing steatohepatitis by directly targeting TGFBR1 and TGFBR2. Cell death & disease, 8(5), e2792.

Britton L, et al. (2016) Heterozygous Hfe gene deletion leads to impaired glucose homeostasis, but not liver injury in mice fed a high-calorie diet. Physiological reports, 4(12).

Márquez-Aguirre AL, et al. (2016) Fructans from Agave tequilana with a Lower Degree of Polymerization Prevent Weight Gain, Hyperglycemia and Liver Steatosis in High-Fat Diet-Induced Obese Mice. Plant foods for human nutrition (Dordrecht, Netherlands), 71(4), 416.

Cha JH, et al. (2016) Vitamin A supplementation modifies the antioxidant system in rats. Nutrition research and practice, 10(1), 26.

Liang Y, et al. (2016) Hepatic adenylate cyclase 3 is upregulated by Liraglutide and subsequently plays a protective role in insulin resistance and obesity. Nutrition & diabetes, 6(1), e191.

El-Lakkany NM, et al. (2016) Co-administration of metformin and N-acetylcysteine with dietary control improves the biochemical and histological manifestations in rats with non-alcoholic fatty liver. Research in pharmaceutical sciences, 11(5), 374.

Hayashi A, et al. (2016) Histologic Assessment of Intratumoral Lymphoplasmacytic Infiltration Is Useful in Predicting Prognosis of Patients with Hepatocellular Carcinoma. PloS one, 11(5), e0155744.

Du J, et al. (2015) MiR-146a-5p suppresses activation and proliferation of hepatic stellate cells in nonalcoholic fibrosing steatohepatitis through directly targeting Wnt1 and Wnt5a. Scientific reports, 5, 16163.

Fakhoury-Sayegh N, et al. (2015) Characteristics of nonalcoholic fatty liver disease induced in wistar rats following four different diets. Nutrition research and practice, 9(4), 350.

Bunnoy A, et al. (2015) Monascus purpureus-fermented Thai glutinous rice reduces blood and hepatic cholesterol and hepatic steatosis concentrations in diet-induced hypercholesterolemic rats. BMC complementary and alternative medicine, 15, 88.

Le TT, et al. (2014) Uridine prevents tamoxifen-induced liver lipid droplet accumulation. BMC pharmacology & toxicology, 15, 27.

Bohinc BN, et al. (2014) Repair-related activation of hedgehog signaling in stromal cells promotes intrahepatic hypothyroidism. Endocrinology, 155(11), 4591.

Miyazaki H, et al. (2014) The ?-tocopherol status and expression of ?-tocopherol-related proteins in methionine-choline deficient rats treated with vitamin E. Journal of clinical biochemistry and nutrition, 54(3), 190.

Kato K, et al. (2014) Ectopic fat accumulation and distant organ-specific insulin resistance in

Japanese people with nonalcoholic fatty liver disease. PloS one, 9(3), e92170.

Itoh M, et al. (2013) Hepatic crown-like structure: a unique histological feature in non-alcoholic steatohepatitis in mice and humans. PloS one, 8(12), e82163.

Cho T, et al. (2012) The efficacy of pharmacological treatment in pediatric nonalcoholic Fatty liver disease. Pediatric gastroenterology, hepatology & nutrition, 15(4), 256.

Bozzetto L, et al. (2012) Liver fat is reduced by an isoenergetic MUFA diet in a controlled randomized study in type 2 diabetic patients. Diabetes care, 35(7), 1429.

Ortiz-Lopez C, et al. (2012) Prevalence of prediabetes and diabetes and metabolic profile of patients with nonalcoholic fatty liver disease (NAFLD). Diabetes care, 35(4), 873.