

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Apr 8, 2025

ReBuilding a Kidney

RRID:SCR_014442

Type: Tool

Proper Citation

ReBuilding a Kidney (RRID:SCR_014442)

Resource Information

URL: <https://www.rebuildingakidney.org>

Proper Citation: ReBuilding a Kidney (RRID:SCR_014442)

Description: A consortium of research projects working to optimize approaches for the isolation, expansion, and differentiation of appropriate kidney cell types and their integration into complex structures that replicate human kidney function. Their goal is to coordinate and integrate research to support the development and implementation of strategies such as de novo repair of nephrons, the re-generation of nephrons, and the in vitro engineering of a biological kidney to enhance renal repair and promote the generation of new nephrons in the postnatal organ. Investigators may apply for funding of a kidney-related project through the RBK Partnership Project. Funded projects would join the consortium.

Abbreviations: RBK

Synonyms: (Re)Building a Kidney

Resource Type: resource, portal, organization portal, data or information resource, funding resource

Defining Citation: [PMID:28096308](https://pubmed.ncbi.nlm.nih.gov/28096308/)

Keywords: consortium, kidney, rebuild, kidney cell type, human, kidney function, nephron, engineer, renal repair

Funding: NIDDK

Availability: Available to the research community, Account needed to view data

Resource Name: ReBuilding a Kidney

Resource ID: SCR_014442

Record Creation Time: 20220129T080320+0000

Record Last Update: 20250407T220120+0000

Ratings and Alerts

No rating or validation information has been found for ReBuilding a Kidney .

No alerts have been found for ReBuilding a Kidney .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Ares GR, et al. (2023) Ubiquitination of NKCC2 by the cullin-RING E3 ubiquitin ligase family in the thick ascending limb of the loop of Henle. American journal of physiology. Renal physiology, 324(3), F315.

Uzarski JS, et al. (2017) Essential design considerations for the resazurin reduction assay to noninvasively quantify cell expansion within perfused extracellular matrix scaffolds. Biomaterials, 129, 163.

Peloso A, et al. (2016) Extracellular matrix scaffolds as a platform for kidney regeneration. European journal of pharmacology, 790, 21.