

Resource Summary Report

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NC3Rs

RRID:SCR_017020

Type: Tool

Proper Citation

NC3Rs (RRID:SCR_017020)

Resource Information

URL: <https://www.nc3rs.org.uk/>

Proper Citation: NC3Rs (RRID:SCR_017020)

Description: UK's national organization for the 3Rs (Replacement, Reduction and Refinement) to advance the 3Rs framework for performing more humane animal research by focusing on scientific impacts and benefits to better reflect contemporary scientific practice and developments.

Abbreviations: NC3Rs

Synonyms: National Centre for the Replacement, Refinement and Reduction of Animals in Research

Resource Type: institution

Keywords: replacement, reduction, refinement, animal, research, practice

Resource Name: NC3Rs

Resource ID: SCR_017020

Alternate IDs: grid.453088.2, Wikidata: Q15637445, ISNI: 0000 0004 0626 8753, Crossref funder ID: 501100000849

Alternate URLs: <https://ror.org/02w0kg036>

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260829T182528+0000

Ratings and Alerts

No rating or validation information has been found for NC3Rs.

No alerts have been found for NC3Rs.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 93 mentions in open access literature.

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

Davey SD, et al. (2026) Use of a cytochrome P450 humanized mouse model to refine schistosomiasis drug discovery. *Proceedings of the National Academy of Sciences of the United States of America*, 123(15), e2600197123.

Kadeřábková N, et al. (2026) Antibiotic potentiation and inhibition of cross-resistance in pathogens associated with cystic fibrosis. *eLife*, 12.

Pham CN, et al. (2026) Spermidine Reproduces the Anti-Inflammatory Effects of Intermittent Fasting and Prevents Urate and Calcium Pyrophosphate Crystal-Induced Inflammation. *Arthritis & rheumatology (Hoboken, N.J.)*, 78(2), 449.

Delaunay-Piednoir B, et al. (2025) Tissue-type plasminogen activator expression by endothelial cells and oligodendrocytes is required for proper CNS myelination. *Acta neuropathologica communications*, 13(1), 192.

Henderson CJ, et al. (2025) The potent human CAR activator CITCO is a non-genotoxic hepatic tumour-promoting agent in humanised constitutive androstane receptor mice but not in wild-type animals. *Archives of toxicology*, 99(5), 2197.

Griffen EJ, et al. (2025) Open-science discovery of DNDI-6510, a compound that addresses genotoxic and metabolic liabilities of the COVID Moonshot SARS-CoV-2 Mpro lead inhibitor. *bioRxiv : the preprint server for biology*.

Haque R, et al. (2025) Essential resources and best practices for laboratory mouse research. *Molecules and cells*, 48(2), 100178.

MacLeod AK, et al. (2025) Humanization of Drug Metabolism in the Plasmodium berghei Mouse Model for Antimalarial Drug Discovery. *ACS infectious diseases*, 11(12), 3529.

Brochard S, et al. (2024) A single intraarticular injection of a tranexamic acid-modified hyaluronic acid (HA/TXA) alleviates pain and reduces OA development in a murine model of monosodium iodoacetate-induced osteoarthritis. *Frontiers in pharmacology*, 15, 1456495.

Rajani RM, et al. (2024) Selective suppression of oligodendrocyte-derived amyloid beta rescues neuronal dysfunction in Alzheimer's disease. *PLoS biology*, 22(7), e3002727.

MacLeod AK, et al. (2024) Acceleration of infectious disease drug discovery and development using a humanized model of drug metabolism. *Proceedings of the National Academy of Sciences of the United States of America*, 121(7), e2315069121.

Procenko O, et al. (2024) Physically stressed bees expect less reward in an active choice judgement bias test. *Proceedings. Biological sciences*, 291(2032), 20240512.

Villa-González M, et al. (2024) Pharmacological inhibition of mTORC1 reduces neural death and damage volume after MCAO by modulating microglial reactivity. *Biology direct*, 19(1), 26.

McDonough J, et al. (2024) The epigenetic signatures of opioid addiction and physical dependence are prevented by D-cysteine ethyl ester and betaine. *Frontiers in pharmacology*, 15, 1416701.

Brühlhart J, et al. (2024) Sex- and caste-specific developmental responses to juvenile hormone in an ant with maternal caste determination. *The Journal of experimental biology*, 227(12).

Chirayath TW, et al. (2024) Activation of osmo-sensitive LRRC8 anion channels in macrophages is important for micro-crystallin joint inflammation. *Nature communications*, 15(1), 8179.

McCusker P, et al. (2024) Neoblast-like stem cells of *Fasciola hepatica*. *PLoS pathogens*, 20(5), e1011903.

Comeglio P, et al. (2024) The galectin-3 inhibitor selvigaltin reduces liver inflammation and fibrosis in a high fat diet rabbit model of metabolic-associated steatohepatitis. *Frontiers in pharmacology*, 15, 1430109.

Denorme F, et al. (2024) Pretreatment with a dual antiplatelet and anticoagulant (APAC) reduces ischemia-reperfusion injury in a mouse model of temporary middle cerebral artery occlusion-implications for neurovascular procedures. *Acta neurochirurgica*, 166(1), 137.

Seckler JM, et al. (2023) Hypoxia releases S-nitrosocysteine from carotid body glomus cells-relevance to expression of the hypoxic ventilatory response. *Frontiers in pharmacology*, 14, 1250154.