# Resource Summary Report

Generated by dkNET on Apr 28, 2025

## Natural Environment Research Council

RRID:SCR_012850
Type: Tool

### Proper Citation

Natural Environment Research Council (RRID:SCR_012850)

### Resource Information

**URL:** http://www.nerc.ac.uk/

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**Description:** NERC is the UK"s main agency for funding and managing research, training and knowledge exchange in the environmental sciences. It funds world-class science in universities and our own research centres that increases knowledge and understanding of the natural world. We are tackling the 21st century"s major environmental issues such as climate change, biodiversity and natural hazards. We lead in providing independent research and training in the environmental sciences. NERC is a non-departmental public body. We receive funding from the Department for Business, Innovation and Skills (BIS). Working internationally, we have bases in the most hostile parts of the planet. We run a fleet of research ships and aircraft and invest in satellite technology to monitor gradual environmental change on a global scale. We provide knowledge, forewarning and solutions to the key global environmental challenges facing society.

**Abbreviations:** NERC

**Resource Type:** institution

**Funding:**

**Resource Name:** Natural Environment Research Council

**Resource ID:** SCR_012850

**Alternate IDs:** grid.8682.4, Crossref funder ID: 501100000270, Wikidata: Q4272261, ISNI: 94781573, nlx_27406

**Alternate URLs:** https://ror.org/02b5d8509

**Record Creation Time:** 20220129T080312+0000

**Record Last Update:** 20250420T014621+0000

## Ratings and Alerts

No rating or validation information has been found for Natural Environment Research Council.

No alerts have been found for Natural Environment Research Council.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 117 mentions in open access literature.

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

Patterson CW, et al. (2024) A chromosome-level genome assembly for the smoky rubyspot damselfly (Hetaerina titia). The Journal of heredity, 115(1), 103.

Broniewski JM, et al. (2021) The effect of Quorum sensing inhibitors on the evolution of CRISPR-based phage immunity in Pseudomonas aeruginosa. The ISME journal, 15(8), 2465.

Broniewski JM, et al. (2020) The effect of phage genetic diversity on bacterial resistance evolution. The ISME journal, 14(3), 828.

Common J, et al. (2019) CRISPR-Cas immunity leads to a coevolutionary arms race between Streptococcus thermophilus and lytic phage. Philosophical transactions of the Royal Society of London. Series B, Biological sciences, 374(1772), 20180098.

Young R, et al. (2019) A Gene Expression Atlas of the Domestic Water Buffalo (Bubalus bubalis). Frontiers in genetics, 10, 668.

Salavati M, et al. (2019) Elimination of Reference Mapping Bias Reveals Robust Immune Related Allele-Specific Expression in Crossbred Sheep. Frontiers in genetics, 10, 863.

Chevallereau A, et al. (2019) The effect of bacterial mutation rate on the evolution of CRISPR-Cas adaptive immunity. Philosophical transactions of the Royal Society of London. Series B, Biological sciences, 374(1772), 20180094.

St John Glew K, et al. (2019) Sympatric Atlantic puffins and razorbills show contrasting responses to adverse marine conditions during winter foraging within the North Sea. Movement ecology, 7, 33.

Pursey E, et al. (2018) CRISPR-Cas antimicrobials: Challenges and future prospects. PLoS pathogens, 14(6), e1006990.

Vilanova E, et al. (2018) Environmental drivers of forest structure and stem turnover across Venezuelan tropical forests. PloS one, 13(6), e0198489.

Young R, et al. (2018) Species-Specific Transcriptional Regulation of Genes Involved in Nitric Oxide Production and Arginine Metabolism in Macrophages. ImmunoHorizons, 2(1), 27.

Nowell RW, et al. (2018) Comparative genomics of bdelloid rotifers: Insights from desiccating and nondesiccating species. PLoS biology, 16(4), e2004830.

Kamennaya NA, et al. (2018) "Pomacytosis"-Semi-extracellular phagocytosis of cyanobacteria by the smallest marine algae. PLoS biology, 16(1), e2003502.

Woodcock BA, et al. (2018) Neonicotinoid residues in UK honey despite European Union moratorium. PloS one, 13(1), e0189681.

Longdon B, et al. (2018) Host shifts result in parallel genetic changes when viruses evolve in closely related species. PLoS pathogens, 14(4), e1006951.

Price SJ, et al. (2017) Screening of a long-term sample set reveals two Ranavirus lineages in British herpetofauna. PloS one, 12(9), e0184768.

Hinsley A, et al. (2017) Men ask more questions than women at a scientific conference. PloS one, 12(10), e0185534.

Cohen AA, et al. (2017) Co-existence of multiple trade-off currencies shapes evolutionary outcomes. PloS one, 12(12), e0189124.

Viney M, et al. (2017) Reimagining pheromone signalling in the model nematode Caenorhabditis elegans. PLoS genetics, 13(11), e1007046.

Horswill C, et al. (2017) Linking extreme interannual changes in prey availability to foraging behaviour and breeding investment in a marine predator, the macaroni penguin. PloS one, 12(9), e0184114.