

Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

NECTAR

RRID:SCR_007757

Type: Tool

Proper Citation

NECTAR (RRID:SCR_007757)

Resource Information

URL: <http://nectarmutation.org/main>

Proper Citation: NECTAR (RRID:SCR_007757)

Description: A database and web application to annotate disease-related and functionally important amino acids in human proteins., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: NECTAR

Synonyms: Non-synonymous Enriched Coding muTation Archive

Resource Type: service resource, data or information resource, database

Defining Citation: [PMID:24297257](#)

Keywords: annotation, protein, disease, amino acid, gene, function

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: NECTAR

Resource ID: SCR_007757

Alternate IDs: OMICS_00276

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260804T043340+0000

Ratings and Alerts

No rating or validation information has been found for NECTAR.

No alerts have been found for NECTAR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Ermio JDL, et al. (2025) Neglected Microbes in Floral Nectar: Influence of Filamentous Fungi on Nectar Scent and Parasitoid Olfactory Responses. *Journal of chemical ecology*, 51(2), 33.

Mantintsilili A, et al. (2025) Impacts of Supplemental Feeding on Sunbird-Pollination Systems in Young Fynbos Varies with Floral Abundance. *Environmental management*, 75(4), 906.

Wu Z, et al. (2025) Prioritizing pathway signature using deep learning approach: a novel strategy for traditional Chinese medicine formula generation and optimization. *Briefings in bioinformatics*, 26(4).

Pascali V, et al. (2025) Capture-enhanced neutron irradiation to treat Alzheimer's disease: Design of a small animal set-up for future in-vivo experiments. *Medical physics*, 52(9), e18062.

MacNeill FT, et al. (2025) Nectar metabolomes contribute to pollination syndromes. *The New phytologist*, 247(2), 951.

Turner M, et al. (2025) Nectar in oak savannas: implications for butterfly conservation. *The New phytologist*, 246(3), 1390.

Scott SB, et al. (2025) Trace Metals in Nectar of Important Urban Pollinator Forage Plants: A Direct Exposure Risk to Pollinators and Nectar-Feeding Animals in Cities. *Ecology and evolution*, 15(4), e71238.

Sponsler DB, et al. (2024) Pollinator competition and the contingency of nectar depletion during an early spring resource pulse. *Ecology and evolution*, 14(6), e11531.

Wizenberg SB, et al. (2024) Pollen foraging mediates exposure to dichotomous stressor syndromes in honey bees. *PNAS nexus*, 3(10), pgae440.

Mueller TG, et al. (2023) Nectar compounds impact bacterial and fungal growth and shift community dynamics in a nectar analog. *Environmental microbiology reports*, 15(3), 170.

Cusumano A, et al. (2023) Nectar-Inhabiting Bacteria Affect Olfactory Responses of an Insect Parasitoid by Altering Nectar Odors. *Microbial ecology*, 86(1), 364.

González-Fernández A, et al. (2023) NECTAR: A New Algorithm for Characterizing and Correcting Noise in QToF-Mass Spectrometry Imaging Data. *Journal of the American Society for Mass Spectrometry*, 34(11), 2443.

Kumar R, et al. (2023) Gamma In Addition to Neutron Tomography (GIANT) at the NECTAR instrument. *Scientific reports*, 13(1), 20120.

Göttlinger T, et al. (2023) Origin and Function of Amino Acids in Nectar and Nectaries of *Pitcairnia* Species with Particular Emphasis on Alanine and Glutamine. *Plants (Basel, Switzerland)*, 13(1).

Browning A, et al. (2023) Variation in pollinator visitation among garden cultivars of marigold, portulaca, and bidens. *Journal of economic entomology*, 116(3), 872.

Chappell CR, et al. (2022) Wide-ranging consequences of priority effects governed by an overarching factor. *eLife*, 11.

Morad V, et al. (2021) Luminescent Lead Halide Ionic Liquids for High-Spatial-Resolution Fast Neutron Imaging. *ACS photonics*, 8(11), 3357.

Roguz K, et al. (2021) Evolution of Bird and Insect Flower Traits in *Fritillaria* L. (Liliaceae). *Frontiers in plant science*, 12, 656783.

Javaid S, et al. (2021) Cefotaxime Loaded Polycaprolactone Based Polymeric Nanoparticles with Antifouling Properties for In-Vitro Drug Release Applications. *Polymers*, 13(13).

Gardarin A, et al. (2021) The hump-shaped effect of plant functional diversity on the biological control of a multi-species pest community. *Scientific reports*, 11(1), 21635.