

Resource Summary Report

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FALCON

RRID:SCR_018804

Type: Tool

Proper Citation

FALCON (RRID:SCR_018804)

Resource Information

URL: <http://protein.ict.ac.cn/FALCON/>

Proper Citation: FALCON (RRID:SCR_018804)

Description: Web tool as high throughput protein structure prediction service. High throughput server for protein structure prediction.

Synonyms: FALCON@home

Resource Type: software resource, data access protocol, service resource, production service resource, web service, analysis service resource

Keywords: Protein structure, protein structure prediction, simulation, 3D structure, protein, high throughput protein, structure prediction

Availability: Restricted

Resource Name: FALCON

Resource ID: SCR_018804

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260807T042929+0000

Ratings and Alerts

No rating or validation information has been found for FALCON.

No alerts have been found for FALCON.

Data and Source Information

Usage and Citation Metrics

We found 432 mentions in open access literature.

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

Park EH, et al. (2026) Draft genome sequence data of the osmotolerant yeast *Starmerella magnoliae* JH110 isolated from a honeycomb. Data in brief, 65, 112565.

Hua Z, et al. (2026) Chromosome-level genome assembly and population genomics unveil strigolactone-regulated growth adaptation in the mycoheterotrophic orchid *Gastrodia elata*. Horticulture research, 13(7), uhag099.

Bernstein HR, et al. (2026) Periventricular gradients in axonal and myelin microstructure are present in people with multiple sclerosis having low and high disability. Multiple sclerosis (Houndmills, Basingstoke, England), 32(1), 80.

Akter Y, et al. (2025) Combining nanobody labeling with STED microscopy reveals input-specific and layer-specific organization of neocortical synapses. PLoS biology, 23(4), e3002649.

Morisaki S, et al. (2025) Dendritic cell-derived exosomes induce monocyte antigen-presentation and immune amplification in neoantigen vaccine therapy. Frontiers in immunology, 16, 1565696.

Weissensteiner MH, et al. (2025) Combining Individual-Based Radio-Tracking With Whole-Genome Sequencing Data Reveals Candidate for Genetic Basis of Partial Migration in a Songbird. Ecology and evolution, 15(1), e70800.

Qu M, et al. (2025) Symbiosis with and mimicry of corals were facilitated by immune gene loss and body remodeling in the pygmy seahorse. Proceedings of the National Academy of Sciences of the United States of America, 122(35), e2423818122.

Ye Y, et al. (2025) Intermediate filament IFFO1 negatively regulates the migration of lung cancer cells by inhibiting the IQGAP3-Cdc42 interaction. Cell death & disease, 16(1), 509.

Seigneuret F, et al. (2025) The HBV large envelope protein initiates virion assembly by recruiting capsids at membrane rich domains related to late endosome. Cellular and molecular life sciences : CMLS, 82(1), 128.

Tu M, et al. (2025) Integrative omics reveals mechanisms of biosynthesis and regulation of floral scent in *Cymbidium tracyanum*. Plant biotechnology journal, 23(6), 2162.

Baumeister T, et al. (2025) Loss of FXR or Bile Acid-dependent Inhibition Accelerate Carcinogenesis of Gastroesophageal Adenocarcinoma. Cellular and molecular gastroenterology and hepatology, 19(8), 101505.

Lu D, et al. (2025) Multimeric protein interaction and complex prediction: Structure, dynamics and function. Computational and structural biotechnology journal, 27, 1975.

Safronov O, et al. (2025) Independent evolution of betulin biosynthesis in *Inonotus obliquus*. *Scientific reports*, 15(1), 21319.

Pinheiro-Machado E, et al. (2025) Secretome Analysis of Human and Rat Pancreatic Islets Co-Cultured with Adipose-Derived Stromal Cells Reveals a Signature with Enhanced Regenerative Capacities. *Cells*, 14(4).

Woo SJ, et al. (2025) Isolation, Identification, and Characteristics of *Aeromonas salmonicida* subsp. *masoucida* from Diseased Starry Flounder (*Platichthys stellatus*). *Pathogens* (Basel, Switzerland), 14(3).

Wang Z, et al. (2025) Screening and mechanistic study of natural compounds that enhance T cell anti-tumor effects post-heat treatment. *Frontiers in immunology*, 16, 1537398.

Zhang L, et al. (2025) Chronic Stress-Induced and Tumor Derived SP1+ Exosomes Polarizing IL-1 β + Neutrophils to Increase Lung Metastasis of Breast Cancer. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(4), e2310266.

Gu C, et al. (2025) Long-read genome sequencing reveals the sequence characteristics of pear self-incompatibility locus. *Molecular horticulture*, 5(1), 13.

Shirakawa M, et al. (2025) Co-option and neofunctionalization of stomatal executors for defence against herbivores in Brassicales. *Nature plants*, 11(3), 483.

Usai G, et al. (2025) Haplotype-resolved genome assembly of *Ficus carica* L. reveals allele-specific expression in the fruit. *The Plant journal : for cell and molecular biology*, 121(4), e70012.