

Resource Summary Report

Generated by [nidm-terms](#) on Jul 29, 2026

ROSPath- Reactive Oxygen Species Related Signaling Pathway

RRID:SCR_007903

Type: Tool

Proper Citation

ROSPath- Reactive Oxygen Species Related Signaling Pathway (RRID:SCR_007903)

Resource Information

URL: <http://www.mcponline.org/content/3/10/1009.long>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented August 19, 2016. Database that offers information on molecules and interactions involving signaling pathways through literature-based curative explanation and laboratory results as well as basic information through links to other databases. Its major content consists of signaling entities and signaling interactions designed to describe various levels of signaling events. It is designed to convey chemical changes and logical information flow in detail through careful data modeling of complex signaling processes. ROSPath was developed for the purpose of aiding the research of ROS-mediated signaling pathways including growth factor-, stress- and cytokine-induced signaling that are main research interests of the Division of Molecular Life Sciences and Center for Cell Signaling Research in Ewha Womans University. ROSPath is designed to describe cellular signaling processes in molecular detail and to accumulate data and knowledge regarding signaling pathways with the organized database structure. It offers useful means to researchers by providing curative Information on the signaling pathways of interest and by providing means of managing data produced by high-throughput experiments such as proteomics and genomics tools. Furthermore, its goal is to provide effective and flexible tools for signaling pathway analysis and data mining by means of extensive data modeling and development of computer-aided tools.

Abbreviations: ROSPath

Synonyms: Reactive Oxygen Species Related Signaling Pathway

Resource Type: data or information resource, database

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: ROSPath- Reactive Oxygen Species Related Signaling Pathway

Resource ID: SCR_007903

Old URLs: <http://rospath.ewha.ac.kr>

Record Creation Time: 20220129T080244+0000

Record Last Update: 20260729T044156+0000

Ratings and Alerts

No rating or validation information has been found for ROSPath- Reactive Oxygen Species Related Signaling Pathway.

No alerts have been found for ROSPath- Reactive Oxygen Species Related Signaling Pathway.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Milanowska K, et al. (2011) Databases and bioinformatics tools for the study of DNA repair. Molecular biology international, 2011, 475718.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.