

[Pharmacological and therapeutic potential of Cordyceps with special reference to Cordycepin](#)

Hardeep S. Tuli, Sardul S. Sandhu, A. K. Sharma

3 Biotech. 2014 Feb; 4(1): 1–12. Published online 2013 Feb 19. doi: 10.1007/s13205-013-0121-9

PMCID: PMC3909570

[Article](#) [PubReader](#) [PDF–438K](#) [Cite](#)[Is Cited by the Following 50 Articles in this Archive:](#)<< Previous Page 1 of 2 [Next >>](#)[Drug Delivery of Natural Products Through Nanocarriers for Effective Breast Cancer Therapy: A Comprehensive Review of Literature](#)

Kah Min Yap, Mahendran Sekar, Shivkanya Fuloria, Yuan Seng Wu, Siew Hua Gan, Nur Najihah Izzati Mat Rani, Vetriselvan Subramaniyan, Chandrakant Kokare, Pei Teng Lum, M Yasmin Begum, Shankar Mani, Dhanalekshmi Unnikrishnan Meenakshi, Kathiresan V Sathasivam, Neeraj Kumar Fuloria

Int J Nanomedicine. 2021; 16: 7891–7941. Published online 2021 Dec 2. doi: 10.2147/IJN.S328135

PMCID: PMC8648329

[Article](#) [PubReader](#) [PDF–6.9M](#) [Cite](#)[Biomass and Cordycepin Production by the Medicinal Mushroom Cordyceps militaris—A Review of Various Aspects and Recent Trends towards the Exploitation of a Valuable Fungus](#)

Dimitrios Kontogiannatos, Georgios Koutrotsios, Savvina Xekalaki, Georgios I. Zervakis

J Fungi (Basel) 2021 Nov; 7(11): 986. Published online 2021 Nov 19. doi: 10.3390/jof7110986

PMCID: PMC8621325

[Article](#) [PubReader](#) [PDF–901K](#) [Cite](#)[The Feasibility of Utilizing Cultured Cordyceps militaris Residues in Cosmetics: Biological Activity Assessment of Their Crude Extracts](#)

Punyawatt Pintathong, Putarak Chomnunti, Sarita Sangthong, Areeya Jirarat, Phanuphong Chaiwut

J Fungi (Basel) 2021 Nov; 7(11): 973. Published online 2021 Nov 16. doi: 10.3390/jof7110973

PMCID: PMC8621739

[Article](#) [PubReader](#) [PDF–2.9M](#) [Cite](#)[Cordyceps militaris: An Overview of Its Chemical Constituents in Relation to Biological Activity](#)

Karol Jerzy Jędrejko, Jan Lazur, Bożena Muszyńska

Foods. 2021 Nov; 10(11): 2634. Published online 2021 Oct 30. doi: 10.3390/foods10112634

PMCID: PMC8622900

[Article](#) [PubReader](#) [PDF–929K](#) [Cite](#)[An efficient Agrobacterium tumefaciens-mediated transformation method for Simplicillium subtropicum \(Hypocreales: Cordycipitaceae\)](#)

Nicolau Sbaraini, Mariana Vieira Tomazett, Augusto Bartz Penteriche, Relber Aguiar Gonçalves, Matheus da Silva Camargo, Alexandre Melo Bailão, Clayton Luiz Borges, Augusto Schrank, Célia Maria de Almeida Soares, Charley Christian Staats

Genet Mol Biol. 2021; 44(3): e20210073. Published online 2021 Oct 1. doi: 10.1590/1678-4685-GMB-2021-0073

PMCID: PMC8489804

[Article](#) [PubReader](#) [PDF–2.8M](#) [Cite](#)[Adipogenic Stimulation and Pyrrolidine Dithiocarbamate Induced Osteogenic Inhibition of Dental Pulp Stem Cells Is Countered by Cordycepin](#)

Shankargouda Patil, Rodolfo Reda, Nezar Boreak, Hasan Ahmad Taher, Abdulaziz Abu Melha, Ashraf Albrakati, Thilla Sekar Vinothkumar, Mohammed Mustafa, Ali Robaian, Riyadh Alroomy, Rawabi Jaber Ahmed Kharaf, Taif Sharafuddin Kameli, Ahmed Alkahtani, Hosam Ali Baeshen, Vikrant R. Patil, Luca Testarelli

J Pers Med. 2021 Sep; 11(9): 915. Published online 2021 Sep 14. doi: 10.3390/jpm11090915

PMCID: PMC8468365

[Article](#) [PubReader](#) [PDF–2.1M](#) [Cite](#)[Cordycepin inhibits cell senescence by ameliorating lysosomal dysfunction and inducing autophagy through the AMPK and mTOR–p70S6K pathway](#)

Shi Qi Zuo, Can Li, Yi Lun Liu, Yue Hao Tan, Xing Wan, Tian Xu, Qiang Li, Li Wang, Yong Li Wu, Feng Mei Deng, Bin Tang

FEBS Open Bio. 2021 Oct; 11(10): 2705–2714. Published online 2021 Aug 27. doi: 10.1002/2211-5463.13263

PMCID: PMC8487049

[Article](#) [PubReader](#) [PDF–2.0M](#) [Cite](#)[The Role of Autophagy in Anti-Cancer and Health Promoting Effects of Cordycepin](#)

Yu-Ying Chen, Chun-Hsien Chen, Wei-Chen Lin, Chih-Wei Tung, Yung-Chia Chen, Shang-Hsun Yang, Bu-Miin Huang, Rong-Jane Chen

Molecules. 2021 Aug; 26(16): 4954. Published online 2021 Aug 16. doi: 10.3390/molecules26164954

PMCID: PMC8400201

[Article](#) [PubReader](#) [PDF–2.5M](#) [Cite](#)[Quercetin as a Novel Therapeutic Approach for Lymphoma](#)

Saiedeh Razi Soofiyani, Kamran Hosseini, Haleh Forouhandeh, Tohid Ghasemnejad, Vahideh Tarhriz, Parina Asgharian, Željko Reiner, Javad Sharifi-Rad, William C. Cho

Oxid Med Cell Longev. 2021; 2021: 3157867. Published online 2021 Aug 2. doi: 10.1155/2021/3157867

PMCID: PMC8352693

[Article](#) [PubReader](#) [PDF–884K](#) [Cite](#)[Dose-Dependent Effect of Cordycepin on Viability, Proliferation, Cell Cycle, and Migration in Dental Pulp Stem Cells](#)

Nezar Boreak, Ahmed Alkahtani, Khalid Alzahrani, Amani Hassan Kenani, Wafa Hussain Faqehi, Hadeel Hussain Faqehi, Raghad Essa Ageeli, Wafa Nasser Moafa, Hosam Ali Baeshen, Shilpa Bhandi, Zohaib Khurshid, Vikrant R. Patil, Luca Testarelli, Shankargouda Patil

J Pers Med. 2021 Aug; 11(8): 718. Published online 2021 Jul 26. doi: 10.3390/jpm11080718

PMCID: PMC8398271

[Article](#) [PubReader](#) [PDF–7.1M](#) [Cite](#)[Medicinal herbs and bioactive compounds overcome the drug resistance to epidermal growth factor receptor inhibitors in non-small cell lung cancer](#)

Hiu Yan Jennifer Lee, Mingjing Meng, Yulong Liu, Tao Su, Hiu Yee Kwan

Oncol Lett. 2021 Sep; 22(3): 646. Published online 2021 Jul 8. doi: 10.3892/ol.2021.12907

PMCID: PMC8299012

[Article](#) [PubReader](#) [PDF–679K](#) [Cite](#)[Celastrol Modulates Multiple Signaling Pathways to Inhibit Proliferation of Pancreatic Cancer via DDIT3 and ATF3 Up-Regulation and RRM2 and MCM4 Down-Regulation](#)

Mahmoud Youns, Momen Askoura, Hisham A Abbas, Gouda H Attia, Ahdab N Khayyat, Reham M Goda, Ahmad J Almalki, El-Sayed Khafagy, Wael A H Hegazy

Onco Targets Ther. 2021; 14: 3849–3860. Published online 2021 Jun 23. doi: 10.2147/OTT.S313933

PMCID: PMC8238076

[Article](#) [PubReader](#) [PDF–8.3M](#) [Cite](#)[Neuroprotective Effect for Cerebral Ischemia by Natural Products: A Review](#)

Qian Xie, Hongyan Li, Danni Lu, Jianmei Yuan, Rong Ma, Jinxiu Li, Mihong Ren, Yong Li, Hai Chen, Jian Wang, Daoyin Gong

Front Pharmacol. 2021; 12: 607412. Published online 2021 Apr 22. doi: 10.3389/fphar.2021.607412

PMCID: PMC8102015

[Article](#) [PubReader](#) [PDF–2.0M](#) [Cite](#)[Quercetin and Its Nano-Scale Delivery Systems in Prostate Cancer Therapy: Paving the Way for Cancer Elimination and Reversing Chemoresistance](#)

Yaseen Hussain, Sepideh Mirzaei, Milad Ashrafizadeh, Ali Zarrabi, Kiavash Hushmandi, Haroon Khan, Maria Daglia

Cancers (Basel) 2021 Apr; 13(7): 1602. Published online 2021 Mar 31. doi: 10.3390/cancers13071602

PMCID: PMC8036441

[Article](#) [PubReader](#) [PDF–3.3M](#) [Cite](#)[Cordyceps spp.: A Review on Its Immune-Stimulatory and Other Biological Potentials](#)

Gitishree Das, Han-Seung Shin, Gerardo Leyva-Gómez, María L. Del Prado-Audelo, Hernán Cortes, Yengkhom Disco Singh, Manasa Kumar Panda, Abhay Prakash Mishra, Manisha Nigam, Sarla Saklani, Praveen Kumar Chaturi, Miquel Martorell, Natália Cruz-Martins, Vineet Sharma, Neha Garg, Rohit Sharma, Jayanta Kumar Patra

Front Pharmacol. 2020; 11: 602364. Published online 2021 Feb 8. doi: 10.3389/fphar.2020.602364

PMCID: PMC7898063

[Article](#) [PubReader](#) [PDF-1.7M](#) [Cite](#)

[Repurposing potential of Ayurvedic medicinal plants derived active principles against SARS-CoV-2 associated target proteins revealed by molecular docking, molecular dynamics and MM-PBSA studies](#)

Akalesh Kumar Verma, Vikas Kumar, Sweta Singh, Bhabesh Ch. Goswami, Ihosvany Camps, Aishwarya Sekar, Sanghwa Yoon, Keun Woo Lee

Biomed Pharmacother. 2021 May; 137: 111356. Published online 2021 Feb 3. doi: 10.1016/j.biopha.2021.111356

PMCID: PMC7857054

[Article](#) [PubReader](#) [PDF-12M](#) [Cite](#)

[A study of the aphrodisiac properties of Cordyceps militaris in streptozotocin-induced diabetic male rats](#)

Toan Van Nguyen, Pramote Chumnanpuen, Kongphop Parunyakul, Krittika Srisuksai, Wirasak Fungfuang

Vet World. 2021 Feb; 14(2): 537-544. Published online 2021 Feb 27. doi: 10.14202/vetworld.2021.537-544

PMCID: PMC7994127

[Article](#) [PubReader](#) [PDF-769K](#) [Cite](#)

[Effect of Spent Mushroom \(Cordyceps militaris\) on Growth Performance, Immunity, and Intestinal Microflora in Weaning Pigs](#)

Waewaree Boontiam, Chalong Wachirapakorn, Pheeraphong Phaengphairee, Suchat Wattanachai Animals (Basel) 2020 Dec; 10(12): 2360. Published online 2020 Dec 10. doi: 10.3390/ani10122360

PMCID: PMC7764026

[Article](#) [PubReader](#) [PDF-244K](#) [Cite](#)

[Anti-atopic dermatitis properties of Cordyceps militaris on TNF \$\alpha\$ /IFN \$\gamma\$ -stimulated HaCaT cells and experimentally induced atopic dermatitis in mice](#)

Eun-Ju Choi, Bohyeon Park, Joohyung Lee, Jooyoung Kim

Phys Act Nutr. 2020 Dec; 24(4): 7-14. Published online 2020 Dec 31. doi: 10.20463/pan.2020.0022

PMCID: PMC7931639

[Article](#) [PubReader](#) [PDF-950K](#) [Cite](#)

[Cordycepin: a bioactive metabolite of Cordyceps militaris and polyadenylation inhibitor with therapeutic potential against COVID-19](#)

Akalesh Kumar Verma

J Biomol Struct Dyn. 2020 : 1-8. Published online 2020 Nov 23. doi: 10.1080/07391102.2020.1850352

PMCID: PMC7754931

[Article](#) [PubReader](#) [PDF-1.7M](#) [Cite](#)

[Effects of Cultured Cordyceps militaris on Sexual Performance and Erectile Function in Streptozotocin-Induced Diabetic Male Rats](#)

Sureena Pohsa, Wanthanee Hanchang, Nattapong Singpoonga, Peerasak Chaiprasart, Pornnarin Taepavarapruk

Biomed Res Int. 2020; 2020: 4198397. Published online 2020 Nov 13. doi: 10.1155/2020/4198397

PMCID: PMC7683110

[Article](#) [PubReader](#) [PDF-1.9M](#) [Cite](#)

[Cordycepin, a metabolite of Cordyceps militaris, reduces immune-related gene expression in insects](#)

Victoria C. Woolley, Graham R. Teakle, Gillian Prince, Cornelia H. de Moor, David Chandler

J Invertebr Pathol. 2020 Nov; 177: 107480. doi: 10.1016/j.jip.2020.107480

PMCID: PMC7768946

[Article](#) [PubReader](#) [Cite](#)

[Metabolic Responses of Carotenoid and Cordycepin Biosynthetic Pathways in Cordyceps militaris under Light-Programming Exposure through Genome-Wide Transcriptional Analysis](#)

Royyim Thananusak, Kobkul Laoteng, Nachon Raethong, Yu Zhang, Wanwipa Vongsangrak

Biology (Basel) 2020 Sep; 9(9): 242. Published online 2020 Aug 21. doi: 10.3390/biology9090242

PMCID: PMC7576481

[Article](#) [PubReader](#) [PDF–2.3M](#) [Cite](#)

[Efficacy of Ethyl Acetate Fraction of *Cordyceps militaris* for Cancer-Related Fatigue in Blood Biochemical and ¹H-Nuclear Magnetic Resonance Metabolomic Analyses](#)

Junsang Oh, Eunhyun Choi, Jayoung Kim, Heesu Kim, Sangheun Lee, Gi-Ho Sung

Integr Cancer Ther. 2020; 19: 1534735420932635. Published online 2020 Jun 22.

doi: 10.1177/1534735420932635

PMCID: PMC7313340

[Article](#) [PubReader](#) [PDF–1.5M](#) [Cite](#)

[Bioactive Metabolites and Potential Mycotoxins Produced by *Cordyceps* Fungi: A Review of Safety](#)

Bo Chen, Yanlei Sun, Feifei Luo, Chengshu Wang

Toxins (Basel) 2020 Jun; 12(6): 410. Published online 2020 Jun 19. doi: 10.3390/toxins12060410

PMCID: PMC7354514

[Article](#) [PubReader](#) [PDF–21M](#) [Cite](#)

[Cordycepin for Health and Wellbeing: A Potent Bioactive Metabolite of an Entomopathogenic Medicinal Fungus *Cordyceps* with Its Nutraceutical and Therapeutic Potential](#)

Syed Amir Ashraf, Abd Elmoneim O. Elkhalifa, Arif Jamal Siddiqui, Mitesh Patel, Amir Mahgoub Awadelkareem, Mejdi Snoussi, Mohammad Saquib Ashraf, Mohd Adnan, Sibte Hadi

Molecules. 2020 Jun; 25(12): 2735. Published online 2020 Jun 12. doi: 10.3390/molecules25122735

PMCID: PMC7356751

[Article](#) [PubReader](#) [PDF–3.3M](#) [Cite](#)

[Cordyceps militaris Exerts Anticancer Effect on Non–Small Cell Lung Cancer by Inhibiting Hedgehog Signaling via Suppression of TCTN3](#)

Eunbi Jo, Hyun-Jin Jang, Lei Shen, Kyeong Eun Yang, Min Su Jang, Yang Hoon Huh, Hwa-Seung Yoo, Junsoo Park, Ik Soon Jang, Soo Jung Park

Integr Cancer Ther. 2020; 19: 1534735420923756. Published online 2020 May 26.

doi: 10.1177/1534735420923756

PMCID: PMC7265736

[Article](#) [PubReader](#) [PDF–3.6M](#) [Cite](#)

[Transcriptome Analysis Reveals the Flexibility of Cordycepin Network in *Cordyceps militaris* Activated by L-Alanine Addition](#)

Bai-Xiong Chen, Tao Wei, Ling-Na Xue, Qian-Wang Zheng, Zhi-Wei Ye, Yuan Zou, Yi Yang, Fan Yun, Li-Qiong Guo, Jun-Fang Lin

Front Microbiol. 2020; 11: 577. Published online 2020 Apr 24. doi: 10.3389/fmicb.2020.00577

PMCID: PMC7193312

[Article](#) [PubReader](#) [PDF–8.7M](#) [Cite](#)

[Yarsagumba is a Promising Therapeutic Option for Treatment of Pulmonary Hypertension due to the Potent Anti-Proliferative and Vasorelaxant Properties](#)

Himal Luitel, Tatyana Novoyatleva, Akylbek Sydykov, Aleksandar Petrovic, Argen Mamazhakypov, Bhuminand Devkota, Malgorzata Wygrecka, Hossein Ardeschir Ghofrani, Sergey Avdeev, Ralph Theo Schermuly, Djuro Kosanovic

Medicina (Kaunas) 2020 Mar; 56(3): 131. Published online 2020 Mar 16. doi: 10.3390/medicina56030131

PMCID: PMC7142425

[Article](#) [PubReader](#) [PDF–7.2M](#) [Cite](#)

[Cordyceps militaris induces apoptosis in ovarian cancer cells through TNF- \$\alpha\$ /TNFR1-mediated inhibition of NF- \$\kappa\$ B phosphorylation](#)

Eunbi Jo, Hyun-Jin Jang, Kyeong Eun Yang, Min Su Jang, Yang Hoon Huh, Hwa-Seung Yoo, Jun Soo Park, Ik-Soon Jang, Soo Jung Park

BMC Complement Med Ther. 2020; 20: 1. Published online 2020 Jan 13. doi: 10.1186/s12906-019-2780-5

PMCID: PMC7076896

[Article](#) [PubReader](#) [PDF–1.7M](#) [Cite](#)

