

Task Force on Repurposing of Drugs (TFORD) for COVID-19

Patent status in India: by GNANLEX

Artemisia annua

A. Active patents:

S.no.	Title	Assignee	Patent details	Type of patent	Remarks
1	A process for isolating artemisinin from <i>Artemisia Annua</i>	Council Of Scientific & Industrial Research	App no/Grant no: IN232569 (Application No.2562/DELNP/2004) Filing/Priority date: 01/09/2004 Grant date: 18/03/2009 Patent Ceased as on 25/03/2016	Process for the isolation of artemisinin	No patent barrier.

B. Pending applications:

S.no.	Title	Assignee	Patent/Application details	Type of patent	Remarks
1	Process for purification of artemisinin and other constituents from <i>Artemisia Annua</i> in high yield and high purity	Ashish Omprakash Mantri	App no: 26/MUM/2015 Filing/Priority date: 05/01/2015 Status: FER Issued on 18/11/2019	Process for the extraction and purification of artemisinin and other constituents from <i>artemisia annua</i> by chromatographic purification method	Patent barrier, if granted. However, can be worked around.
2	A novel herbal composition effective against Humma Eijamiyah (malaria) and a process for its preparation thereof	Central Council For Research In Unani Medicine (CCRUM)	App no: 201611006947 Filing/Priority date: 29/02/2016 Status: Awaiting Examination (request for examination date: 28/02/2020)	A herbal unani composition and a method for preparation of herbal composition for treating malaria in humans	Patent barrier, if granted. However, can be worked around.
3	Compositions Methods And Medical Compositions For Treatment Of And Maintaining The Health Of The Liver	Unigen INC.	App no: 201717047338 Filing/Priority date: 29/12/2017 Status: Awaiting examination (Request for examination: 29/12/2017)	Compositions of the plant extracts (<i>artemisia</i> extract.)And methods for treatment of and maintaining the health of the liver	Patent barrier, if granted. However, can be worked around.

Commissioned by



Task Force on Repurposing of Drugs (TFORD) for COVID-19

Patent status in India: by GNANLEX

C. Expired/Lapsed applications

S.no.	Title	Assignee	Application details	Type of patent	Remarks
1	An improved process for the simultaneous production of artemisinin and essential oil from the plant <i>artemisia annua</i> "	Council of Scientific and Industrial Research	App no: 652/DEL/1997 Filing date: 17/03/1997 Status: Deemed to be withdrawn	Process for the simultaneous production of essential oil and artemisinin from the plant <i>artemisia annua</i>	No patent barrier
2	Microbial bioconversion of arteannuin b to artemisinin by <i>streptomuces pactum</i>	Centre For Biotechnology	App no: 3033/CHE/2007 Filing date:19/12/2007 Status: Deemed to be abandoned U/S 21(1)	Synthesis of artemisinin, an anti- malarial drug. The method involves bioconversion of arteannuin b,to artemisinin	No patent barrier
3	Hydrolysates made of plant extracts and antibacterial agent containing the same	Bionorica SE	App no:853/MUMNP/2011 Filing date: 29/04/2011 Status: Deemed to be withdrawn	Hydrolysate from <i>artemisia</i> and an agent and drug obtainable on the basis of the hydrolysate.	No patent barrier

Disclaimer:

Search results are up to 29th April 2020

GNANLex's Opinion / Report as hereinabove is to the best of our knowledge, true and accurate as of the date compiled based on available information. However, no guarantee is made as to its accuracy, reliability or completeness. The final user is expected to assume sole liability for any patent infringement that occurs by following our recommendations or using the information given. Before using, user should determine the suitability of the information for his intended use. The risk and liability, if any, in connection therewith, is solely that of the user.

Commissioned by

