

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

### Patent status in India: by GANLEX

#### **Withania somnifera**

#### **A. Active patents**

S.No.	Title	Assignee	Patent Details	Type of patent	Remarks
1.	Herbal compositions for effective treatment of aids, preparation thereof and method for treatment of aids patients	Ayare Shambabu Devappa	App No/Grant No: IN227674 (712/MUM/2003); Filing Date: 14/07/2003 Grant Date: 14/01/2009 Expected Expiry Date: 22/06/2024 Form 27: Not Yet Filed	Herbal composition for treatment of aids	Patent barrier. However, can be worked around.
2.	A kit containing a vaccine and an immunological adjuvant	Serum Institute Of India Ltd.	App No/Grant No: IN236009 (1253/MUM/2003) Filing Date: 08/12/2003 Grant Date: 15/09/2009 Expected Expiry Date: 08/12/2023 Form 27: Not Worked In India	Kit for eliciting an efficient immunological response	Patent barrier. However, can be worked around.

#### **B. Pending Applications**

S.no.	Title	Assignee	Application details	Type of patent	Remarks
1.	Herbo-mineral compound formulation for the management of maturity onset diabetes mellitus	Shubhash Chander Sehgal	App No: 2645/DEL/2005 Filing Date: 04/10/2005 Published Date: 02/10/2009 Status: Pending	Composition Useful In The Treatment Of Diabetic Complications	Currently, No Patent Barrier.
2.	A fermented immuno-modulator beverage and process for the preparation thereof	Amity University	App No: 101/DEL/2012 Filing Date: 07/05/2015 Published Date: 08/05/2015 Status: Pending	Novel Herbal Fermented Beverage And Process For Preparing	Currently, No Patent Barrier. Can Be Work Around.
3.	Herbal composition for the treatment of herpes	Mehra, Apurve	App No: 808/MUM/2013 Filing Date: 15/03/2013 Published Date: 30/01/2015 Status: Pending	Herbal Composition	Currently, No Patent Barrier. Can Be Work Around.
4.	A pharmaceutical formulation exhibiting antiviral activity	Sri Ramachandra	App No: 3280/CHE/2013	Pharmaceutical Formulation	Currently, No Patent Barrier.

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		University	Filing Date: 23/07/2013 Published Date: 30/01/2015 Status: Pending		Can Be Work Around.
5.	An herbal composition	Wankhedkar Mahalaxmi Kamlakar	App No: 3943/MUM/2014 Filing Date: 09/12/2014 Published Date: 10/06/2016 Status: Pending	Herbal Composition And Process For Preparation	Currently, No Patent Barrier.
6.	Herbal medicinal composition for treatment of various diseases	Akula Chinna Nageswarudu	App No: 6336/CHE/2015 Filing Date: 25/11/2015 Published Date: 26/05/2017 Status: Pending	Herbal Medicinal Composition For Treating Multiple Diseases	Currently, No Patent Barrier.
7.	Novel dietary supplementary immune system stimulator formulation and method of preparation thereof	Dr. Abdulsubahan Abdul Rahman	App No: 201641001114 Filing Date: 12/01/2016 Published Date: 14/07/2017 Status: Pending	Formulation	Currently, No Patent Barrier.
8.	Endosymbiotic pathogenic archaea in chronic diseases and treatment with natural antioxidant antibiotics derived from crude plants extracts	1. Ravikumar Kurup 2. Parameswara Achutha Kurup	App No: 201641001114 Filing Date: 09/05/2016 Published Date: 14/07/2017 Status: Pending	Formulation	Currently, No Patent Barrier.
9.	A novel synergistic medicinal composition for antioxidant and treatment for anti-stress related disorder	Dr. Sandhya Singh	App No: 201611025617 Filing Date: 27/07/2016 Published Date: 19/08/2016 Status: Pending	Synergistic Medicinal Composition	Currently, No Patent Barrier.
10.	Composition for the treatment of diabetes mellitus type 2	Madheswaran	App No: 201741013035 Filing Date: 11/04/2017 Published Date: 19/10/2018 Status: Pending	Herbal Composition For Treating Diabetes Mellitus Type 2	Currently, No Patent Barrier.
11.	A herbal formulation for treating disease and complications caused by the malarial parasite	Dropadi Devi	App No: 201731038204 Filing Date: 27/10/2017 Published Date: 03/05/2019	Herbal Composition	Currently, No Patent Barrier.

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			Status: Pending		
12.	Herbal compositions and process to treat malnutrition and improve cognition and memory and process of preparing same	1. Ramkrishna Madhavrao Pujari 2. Karn Sudhir Kedar	App No: 201721019940 Filing Date: 07/08/2017 Published Date: 20/12/2019 Status: Pending	Herbal Composition To Treat Malnutrition	Currently, No Patent Barrier.
13.	Method for development of herbal immunomodulator composition for goats	Indian Council Of Agricultural Research (ICAR)	App No: 201811028895 Filing Date: 01/08/2018 Published Date: 07/02/2020 Status: Pending	Novel Herbal Immunomodulator	Currently, No Patent Barrier.
14.	Stable synergistic ayurvedic composition for higher energy and alertness	Triquetrus Essentials Pvt. Ltd.	App No: 201821004538 Filing Date: 07/02/2018 Published Date: 03/01/2020 Status: Pending	Composition Patent Publication	Currently, No Patent Barrier.
15.	Poly-herbal composition and a process for its preparation	SRM Institute Of Science & Technology	App No: 201841030180 Filing Date: 10/08/2018 Published Date: 14/02/2020 Status: Pending	Poly-Herbal Formulation	Currently, No Patent Barrier.
16.	An anti-tumour and antibacterial formulation and a method there of	Mahatma Gandhi University	App No: 201841032445 Filing Date: 30/08/2018 Published Date: 06/03/2020 Status: Pending	Method Of Preparing And Formulation	Currently, No Patent Barrier.
17.	Poly-herbal formulation	SRM Institute Of Science & Technology	App No: 201941004860 Filing Date: 07/02/2019 Published Date: 15/02/2019 Status: Pending	Poly-Herbal Formulation	Currently, No Patent Barrier.

### C. Expired/Lapsed Applications

S.No.	Title	Assignee	Application Details	Type Of Patent	Remarks
1.	Herbal compositions for effective treatment of aids, preparation thereof and method for treatment of	Ayare Shambabu Devappa	App No/Grant No: 1341/MUMNP/2005 (Divisional To Patent No IN227674)	Herbal Composition For Treatment Of AIDS	No Patent Barrier

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### Patent status in India: by GANLEX

	aids patients		Filing/Priority Date: 02/12/2005 Status: Appears Abandoned		
2.	Herbal compositions for effective treatment of aids, preparation thereof and method for treatment of aids patients	Mr. Ramaiah Nanjundaiah	App No: 1751/CHE/2005 Filing/Priority Date 30/11/2005 Status: Appears Withdrawn	Pharmaceutical Composition For Treating HIV/AIDS Patients	No Patent Barrier
3.	Novel antiretroviral composition	Cipla Limited	App No/Grant No: 2994/MUM/2009 Filing/Priority Date 24/12/2009 Status: Abandoned	Pharmaceutical Composition	No Patent Barrier
4.	Herbal energy drink in different flavors	Amity University	App No: 2554/DEL/2011 Filing Date: 06/09/2011 Status: Abandoned	Herbal Energy Drink	No Patent Barrier
5.	Colostrum enriched immune enhancer functional food supplement for malnourished children and process for the preparation thereof	Amity University	App No: 2739/DEL/2011 Filing/Priority Date 21/09/2011 Status: Abandoned	Herbal Health Promotive Composition	No Patent Barrier
6.	A novel herbal formulation for the modulation of immune system of hiv infected patients and a process of preparation thereof	1. Sunil Kumar Swamy Rajan 2. Arun Kumar Swamy Rajan	App No: 3235/CHE/2011 Filing/Priority Date 14/11/2011 Status: Abandoned/ Refused	Novel Herbal Formulation	No Patent Barrier
7.	A novel functional beverage for use as adjuvant therapy in malnutrition, osteoporosis and as immuno-modulator	Amity University	App No: 3006/DEL/2011 Filing/Priority Date 20/10/2011 Status: Abandoned/ Refused	Novel Composition And Process	No Patent Barrier
8.	An immune booster	Arvind Varchaswi	App No: 3784/CHE/2011 Filing/Priority Date 04/11/2011 21/06/2013 Status: Abandoned/ Refused	Process For The Preparation Of An Immune Booster	No Patent Barrier
9.	A fermented immuno-modulator beverage and process for the preparation thereof	Amity University	App No: 386/DEL/2012 Filing/Priority Date Status: Abandoned/ Refused	Herbal Functional Food Composition	No Patent Barrier
10.	Immune booster herbal composition-internal use	Dhruva Kumar Sadh	App No: 1151/DEL/2012	Immune Booster Herbal	No Patent Barrier

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	medicine		Filing/Priority Date 13/04/2012 Status: Abandoned	Composition	
11.	A novel synergistic herbal formulation for diabetes mellitus type-2 and process for preparing the same	Umalaxmi Organics Pvt. Ltd.	App No: 1755/MUM/2012 Filing/Priority Date 19/06/2012 Status: Abandoned	Novel Synergistic Herbal Formulation	No Patent Barrier
12.	Formulation for prevention and treatment of diabetes and related disorders and process of preparation thereof	Holy-Crystals	App No: 2119/MUM/2013 Filing/Priority Date 24/06/2013 Status: Abandoned	Formulation And Method Of Treating Diabetes	No Patent Barrier
13.	Herbal medicinal composition for treating multiple diseases	Akula Chinna Nageswarudu	App No: 3456/CHE/2015 Filing/Priority Date 06/07/2015 Status: Abandoned	Herbal Medicinal Composition For Treating Multiple Diseases	No Patent Barrier
14.	A process to enhance the bioactivity of ashwagandha extracts	Antony, Benny	App No: 5691/CHE/2015 Filing/Priority Date 22/10/2015 Status: Abandoned	Pharmaceutical Composition	No Patent Barrier
15.	A herbal composition for autoimmune disorders	Om Parkash Sharma	App No: 201611028498 Filing/Priority Date 22/08/2016 Status: Abandoned	Herbal Composition	No Patent Barrier

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Search results are up to 29<sup>th</sup> April 2020

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