

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

## Patent status in India: by GNANLEX

Ivermectin**A: Active Patents**

S.no.	Title	Assignee	Patent details	Type of patent	Remarks
1.	Composition for controlling Parasites comprising Abamectin and Ivermectin	Intervert International B.V.	Grant no: IN234139 (1314/CHENP/2006) Grant date: 06/05/2009 Priority date: 17/10/2003 Expected expiry date: 17/10/2024 Form 27: Not worked in India	Combination of Ivermectin and abamectin.	No Patent Barrier
2.	Compositions comprising C-13 Alkoxyether Macrolide compounds and phenyl pyrazole compounds	Merial Inc.	Grant no: IN306571 (7129/DELNP/2009) Grant date: 30/01/2019 Filing date: 04/11/2009 Expected expiry date: 04/11/2029 Form 27: Not worked in India	Ivermectin is broadly covered as macrocyclic lactone compound.	No Patent Barrier

**B: Pending Patent Applications:**

S.no.	Title	Assignee	Patent details	Type of patent	Remarks
1.	A process for producing an increased amount of avermectins produced by cultures of streptomycetes	Pfizer Products Inc.	App no. 296/DEL/2003 (Divisional Convention Application) of parent application no. 1203/DEL1999 Priority date: 14/09/1998	Process for producing avermectins.	No Patent Barrier
2..	An antiparasitic formulation	Pfizer Inc.	App no. 224/MUM/2006 (Divisional convention Application) of parent application no. 810/BOM/1999 Priority date: 19/11/1998	Formulation containing Ivermectin against endo or ecto parasites.	No Patent Barrier
3.	Recombinant microorganism expressing avermectin analogue and use thereof	Zhejiang Hisun Pharmaceutical Co. Ltd	App no. 201617030081 Priority date: 10.03.2014 Publication date: 16/12/2016	Relates to a Recombinant Streptomyces expressing avermectin or analogues thereof.	No Patent Barrier
4.	Stable topical pharmaceutical composition of avermectin compound	Cadila Healthcare Limited	App no. 201621036040 Filing date: 21/10/2016 Publication date: 27/04/2018	Pharmaceutical composition containing avermectin against parasites.	No Patent Barrier

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5.	Pharmaceutical composition of Ivermectin and process for preparation thereof	Aurobindo Pharma Ltd	App no. 201641033510 Filing date: 30/09/2016 Publication date: 06/04/2018	Ivermectin composition	No Patent Barrier
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### C: Expired/Lapsed Patents/Patent Applications

S.no.	Title	Assignee	Application details	Type of patent	Remarks
1.	Antiparasitic agent	Pfizer Inc.	App no.: 1033/DEL/1995 Filing date: 06.06.1995 Publication date: 13/03/2009	Relates to class of Abamectin compounds against parasites.	No Patent Barrier
2.	Combination of Avermectins or Mylbemycins With Adrenergic Receptors For Treating Or Preventing Skin Diseases	Galderma research and Development	App No: 5903/CHENP/2011 Priority date: 16/02/2009 Filing date: 16/08/2011 Publication date: 21/12/2012	Combination of a compound of avermectin family or of the milbemycin family as a medicament for treating and/or preventing skin diseases.	No Patent Barrier
3.	Medicine for treating seborrheic dermatitis	Parks L. Dean	Grant no.IN245400 Grant Date: 18/01/2011 Priority date: 29/06/2000 Filing date: 13/01/2005	Topical Composition of Ivermectin	No Patent Barrier
4.	Anthelmintic composition	Norbrook Laboratories Limited	Grant no: IN260337 Grant date: 24/04/2014 Priority date: 21/01/2005	Topical Anthelmintic Formulation	No Patent Barrier
5.	Topical Formulation of Ivermectin for the treatment of Dermatological conditions	GaldermaS.A.	App no: 346/DELNP/2009 Filing date: 15/01/2009 Publication date: 20/08/2010	Topical composition	No Patent Barrier
6.	Avermectins and milbemycins for the treatment of flavivirus infections	Consiglio Nazionale delle Ricerche AIX-Marseilleuniversite Katholieke Universiteit Leuven-	App No: 4529/CHENP/2012 Filing date: 23/05/2012 Publication date: 21/02/2014	Ivermectin for treatment of Flavivirus infection.	No Patent Barrier

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		K.U.Leuven R &D			
7.	Treatment of inflammatory lesions of rosacea with ivermectin	Galderma S.A	App No 201637001275 Filing date: 08/07/2014 Filing date: 13/01/2016 Publication date: 08/04/2016	Ivermectin topical formulation for treating inflammatory lesions of rosacea	No Patent Barrier
8.	Treatment of papulopustular rosacea with ivermectin	Galderma S.A	App No 201637003834 Priority date: 08/07/2013 Filing date: 03/02/2016	Pharmaceutical composition comprising Ivermectin for treating papulopustular rosacea	No Patent Barrier

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Search results are up to 11<sup>th</sup> April 2020

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