

JAMIA HAMDARD

INFORMATION ON PATENTS

Patents Granted/Filed/Published by Faculty members

S. No.	Patent Number	Assignee/ Patentee	Inventors	Dates of application/P ublications /Grant	Title of Invention
1.	Indian Patent Application No. 736/DEL/2004.	Jamia Hamdard	A. Shareef, F.J. Ahmad, A. Ahuja and R.K. Khar.	Date of Filing: 19/04/2004 Published on: 02/06/2006	A Process for the preparation of a drug delivery system.
2.	Indian Patent Application No. 0146/DEL/2005.	Jamia Hamdard	Farhan Jalees Ahmad, Zeenat Iqbal and Roop K. Khar.	Date of Filing: 24/01/2005 Published on: 10/11/2006	A buffered bioadhesive controlled release vaginal drug delivery system.
3.	Indian Patent Application No. 2708/DEL/2006.	Jamia Hamdard	Sushama Talegaonkar, R. K. Khar, Zeenat Iqbal and Azhar Yakoob.	Date of Filing: 19/12/2006	Stable Formulation For Regulated Release Of Active Substance And A Process Therefor.
4.	Indian Patent Application No. 2301/DEL/2006.	Jamia Hamdard	Farhan J.Ahmad, Aseem Bhatnagar, Roop Krishan Khar, Anuj Bhatnagar and Pradeep Chugh.	Date of Filing: 19/10/2006 Published on: 13/11/2009	A Pharmaceutical aerosol formulation and a method for preparation thereof.
5.	Indian Patent Application No. 2658/DEL/2007 A.	Jamia Hamdard	Saima Amin, Kanchan Kohli and Showrat R. Mir.	Date of filing: 19/12/2 007 Published on: 10/07/2009	Percutaneous Penetration Enhancing and Skin Irritation Reducing System.
6.	Indian Patent Application No. 1136/DEL/2008.	DRDO	Aseem Bhatnagar, Neeraj, Raisuddin Ali, Farhan J. Ahmad, Neeraj Kumar, Priyanka Saxena, Thakuri Singh, Gaurav Kumar Jain, Gaurav Mittal and Mitra Basu.	Date of Filing: 06/05/2008 Published on: 21/01/2011	Atropine Inhalation Formulations.

7.	Indian Patent Application No. 8/DEL/2008	DRDO	Aseem Bhatnagar, Ruchi Sachdev, Sheetal Rajpal, Hsarish Rawat, Mahinder, Ravi Kasyap, Bhavna, Farhan Jalees Ahmad and Anuj Bhatnagar	Date of Filing: 02/01/2008	Ventilation scintigraphy using dry powder technology or nebulizer based systems with large spacers or radiolabelled isonitriles or phosphines as the inhalation radiopharmaceutical
8.	Indian Patent 233620.	Jamia Hamdard	Manoj Varshney and Mohd. Changez.	Date of Grant: 31/03/2009	A Composition for use as a Carrier in Transdermal Drug Delivery.
9.	Indian Patent Application No. 1742/DEL/2009.	Jamia Hamdard	Javed Ali, Nitin Saigal, Sanjula Baboota, Alka Ahuja and Mushir Ali.	Date of Filing: 24/08/2009 Published on: 04/03/2011	A controlled release pharmaceutical Formulation.
10.	Indian Patent Application No. 1862/DEL/2009.	Jamia Hamdard	Shadab Ahmad Pathan, Sohail Akhtar, Syed Mohammed Abbas Zaidi, Gaurav Kumar Jain, Roop Krishen Khar and Farhan Jalees Ahmad.	Date of Filing: 09/09/2009 Published on: 18/03/2011	Novel Formulations/composition of Safranal.
11.	Indian Patent Application No. 1395/DEL/2009.	Jamia Hamdard	Gaurav Kumar Jain, Nilu Jain, Sushama Talegaonkar, Farhan Jalees Ahmad and Roop Krishen Khar.	Date of Filing: 13/07/2009 Published on: 25/05/2012	Controlled release Mucoadhesive nanocomposites.
12.	Indian Patent Application No. 2299/DEL/2009.	DRDO	Aseem Bhatnagar, Farhan J. Ahmad Neeraj, Shaheen Sultana, Gaurav Mittal and Rashid Ali.	Date of Filing: 09/11/2009 Published on: 31/07/2015	Inhalable formulation for heavy metal poisoning.
13.	Indian Patent Application No. 1339/DEL/2010.	DRDO	Bhatnagar Aseem, Sultana Shaheen, Ahmad Farhan Jalees, Mittal Gaurav, Talegaonkar Sushma,	Date of Filing: 09/06/2010 Published on: 16/12/2011	Treatment of heavy metal poisoning by inhaled phosphonates.

			Sultana Sarwat, Singh Thakuri, Neeraj Kumar and Rashid Ali.		
14.	Indian Patent Application No. 2107/DEL/2010.	Jamia Hamdard	Gaurav Kumar Jain, Farhan Jalees Ahmad and Sachin Gahoi.	Date of Filing: 03/09/2010 Published on: 09/03/2012	Solid pharmaceutical composition of nanoparticles.
15.	Indian Patent Application No. 1343/DEL/2010.	CCRUM	R.K.Khar, Farhan Jalees Ahmed, Shadab Ahmad Pathan and S. M. Abbas Zaidi.	Date of Filing: 10/06/2010 Published on: 16/12/2011	Pharmaceutical compositions based upon phospholipid complexed microparticles of <i>Delphinium denudatum</i> (jadwar) extract & preparation thereof.
16.	Indian Patent Application No. 1731/DEL/2010.	Jamia Hamdard	Abdul Rauf, Md. Aamir Mirza, Sushma Talegaonkar, Zeenat Iqbal , Mohd. Samim, Asim Bhatnagar, Roop K. Khar and Farhan J. Ahmad.	Date of Filing: 23/07/2010 Published on: 17/02/2012	A nasal inhalation apparatus for pulmonary delivery of DPI to animal.
17.	Indian Patent Application No. 13/DEL/2010.	Jamia Hamdard	Shadab Ahmad Pathan, R. K. Khar, Farhan Jalees Ahmad, Gaurav Kumar Jain, Sohail Akhtar and S.M. Abbas Zaidi.	Date of Filing: 04/01/2010 Published on: 08/07/2011	Nanocompositions of thymoquinone.
18.	Indian Patent Application No: 2095/DEL/2011.	Holista Biotech SDN BHD and Jamia Hamdard	Qazi Ghulam Nabi , Ahmad Farhan Jalees , Samim Mohd, Cooper Deborah and V. Marnickavasagar M. Rajendran.	Date of Filing: 25/07/2011 Published on: 01/02/2013	Collagen nanostructures.
19.	PCT/MY2012/0002 10.	Holista Biotech SDN BHD and Jamia Hamdard	Qazi Ghulam Nabi, Ahmad Farhan Jalees , Samim Mohd, Cooper Deborah and V. Marnickavasagar M. Rajendran.	Date of Filing: 23/07/2012 Published on: 31/01/2013	Collagen nanostructures.
20.	Indian Patent 248830.	Jamia Hamdard	Mohd Aqil, Roop K. Khar and	Date of Grant:	A release pharmaceutical

			Farhan Jalees Ahmad.	29/08/2011	preparation for colon delivery.
21.	Indian Patent Application No. 2752/DEL/2011.	Jamia Hamdard	Mohd Aqil, Farhan Jalees Ahmad and Asgar Ali.	Date of Filing: 22/09/2011 Published on: 22/03/2013	Aloe vera oil: a new skin permeation enhancer.
22.	Indian Patent 249119.	Jamia Hamdard	M. Aqil, Yasmin Sultana, Asgar Ali and Farhan Jalees Ahmad.	Date of Grant: 30/09/2011	Polymeric diffusing matrix containing a potassium channel opener.
23.	Indian Patent 249172.	Jamia Hamdard	Rajesh Khanna, Suraj Prakash Agarwal and R.K. Khar.	Date of Grant: 10/10/2011	Fulvic acids and humic acids as novel complexing agents and a process thereof.
24.	Indian Patent 250538.	Hamdard University	Bahar Ahmed and Anwarul Haque Siddiqui.	Date of Grant: 09/01/2012	A novel Heterocyclic Compound Xanthonoxy Propaolamines.
25.	Indian Patent 250983.	Jamia Hamdard	M. Aqil, Bhavna, Farhan Jalees Ahmad and R.K. Khar.	Date of Grant: 14/02/2012	A pharmaceutical composition for transdermal/transmucosal delivery.
26.	Indian Patent DEL/17042830	Jamia Hamdard	Farhan Jalees Ahmad, Aseem Bhatnagar, Anuj Bhatnagar and Ravi Kashyap	-	Nanosized Aerosol Formulations and Their Method of Preparation for Better Lung Deposition of Medicaments by Inhalation
27.	Indian Patent Application No. 306/DEL/2012 A.	Jamia Hamdard	Abdin Malik Zainul, Ahmad Farhan Jalees, Hejazi Mohammad Saeid, Alvari Amene and Rafsanjani Mehrnaz Sadat Ohadi.	Date of Filing: 03/02/2012 Published on: 10/04/2015	Novel formulation of hepatoprotective herbal extracts/bioactives and composition thereof.
28.	Indian Patent Application No. 305/DEL/2012 A.	Jamia Hamdard	Abdin Malik Zainul, Samim Mohammad, Hejazi, Mohammad Amin, Rafsanjani Mehrnaz Sadat Ohadi and Alvari Amene.	Date of Filing: 03/02/2012 Published on: 10/04/2015	Novel Inorganic Metallic Nano-Particulate Gene Carrier For Effective Biotransformation And Composition Thereof.

29.	Indian Patent Application No. No.80/DEL/2012 A.	Jamia Hamdard	Sushama Talegaonkar, Azeem Adnan, Neelu Jain, M. Lalit Negi, Farhan J. Ahmad and R. K. Khar.	Date of filing :10/01/2012 Published on: 01/05/2015	Composition for regulated release of neurotherapeutic agent and a process therefore.
30.	Indian Patent 255262.	DRDO	Farhan Jalees Ahmed, Roop Krishan Khar, Premashish Kar, Krishan Sawroop and Aseem Bhatnagar.	Date of Grant: 07/02/2013	Oral formulations for enhancing gastric emptying and sphincter relaxation instantly and a process of preparation thereof .
31.	Indian Patent Application: 2100/DEL/2013.	Jamia Hamdard	Sushama Talegaonkar, Lalit K Negi, M Tariq, Roop K. Khar, F. J. Ahmad and Z. Iqbal.	Date of Filing: 12/07/2013 Published on:16/01/2015	A novel self micro emulsifying composition with Pgp inhibitory activity for enhanced oral bioavailability of anticancer agent.
32.	Indian Patent 8835509.	Arbro Pharmaceuticals Ltd., Jamia Hamdard (Hamdard University),	Kanchan Kohli, Sunny Chopra, Saurabh Arora, Roop K. Khar and Kolappa K. Pillai.	Date of Grant: 16/09/2014	Self emulsifying drug delivery system for a curcuminoid based composition.
33.	US20110294900 A1.	Jamia Hamdard (Hamdard University), Arbro Pharmaceuticals Ltd.,	Kanchan Kohli, Sunny Chopra, Saurabh Arora, Roop K. Khar and Kolappa K. Pillai.	Date of Filing: 26/04/2011 Published on: 01/12/2011	Self emulsifying drug delivery system for a curcuminoid based composition.
34.	Indian Patent Application No. 725/DEL/2013.	Jamia Hamdard	SK Jain, Shabnam Malik and Deepshikha Pande-Katara.	Date of Filing: 13/03/2014	A novel biomarker for early detection of liver cancer.
35.	Indian Patent Application No. 1515/DEL/2014A.	Jamia Hamdard	Sushama Talegaonkar, Lalit M Negi and M.Jaggi.	Date of Filing: Jan., 2014 Published on:	Cancer cell targeting and modulation of multi drug resistance with hyaluronated

				11/12/2015	liposomes.
36.	Indian Patent Application No. 2460/DEL/2014.	Jamia Hamdard	Mohammad Sarwar Alam, Syed Nazreen, Hinna Hamid and Syed Shafi.	Date of Filing: 29/08/2014	An andrographolide compound and process of preparation thereof.

Patents- In Filing stages (Approval given by IP Management Advisory Committee of Jamia Hamdard)

Assignees	Inventors	Title
Jamia Hamdard & CCRAS	Sanjula Baboota, Saeed Ahmad, Javed Ali, Tanwir Athar and S. Mohamed Mustafa	Emulgel based topical dosage form in sustained manner containing herbal extract for the treatment of Psoriasis and a process for preparing the same
ICMR & Jamia Hamdard	Kanchan Kohli and Abhinav Garg	Self Nano emulsifying Drug Delivery System for a Ginger active Principles Based Composition
ICMR & Jamia Hamdard	Kanchan Kohli and Shamama Javed	Synergistic Composition of Silymarin in Combination With Various Bioenhancers for Improved Oral Bioavailability for The Treatment of Liver Diseases
Jamia Hamdard and DRDO	M. Z. Abdin, B. P. Panda, Parul Saxena, Seema Ahlawat, Athar Ali	Bioreactor design development for suspension and hairy root cultures