

List of Patent Issued

Sr.	Title of Invention	Name of Inventor	University Name	US Patent No.	Issue Date of Patent
1	Environmentally Benign TFC Bleaching Sequences for AS/AQ Wheat Straw Pulp	Dr. Naila Yaqoob	Lahore College for Women University, Lahore	US Patent 8,080,129	20-12-2011
2	3-amino-2-(4-nitrophenyl)-4-(3H)-quinazolinone or derivatives thereof for treating or preventing antiviral infections	Prof. Dr. Sheikh Riaz-ud-din	National Centre of Excellence in Molecular Biology, University of Punjab, Lahore	US Patent 8,809,354	19-08-2014
3	7-Nitro-2-(3-nitro phenyl)-4H-3,1-benzoxazin-4-one or derivatives thereof for treating or preventing antiviral infections.	Prof. Dr. Sheikh Riaz-ud-din	National Centre of Excellence in Molecular Biology, University of Punjab, Lahore	US Patent 8,148,558	03-04-2012
4	Method of producing tibolone metabolites by fermentation with Fusarium Lini	Prof. Dr. Atta ur Rahman	HEJ Research Institute of Chemistry, University of Karachi, Karachi	US Patent 8,148,558	03-04-2012
5	Method of producing tibolone metabolites by fermentation with Gibberella Fujikuroi	Prof. Dr. Atta ur Rahman	HEJ Research Institute of Chemistry, University of Karachi, Karachi	US Patent 8,148,557	03-04-2012
6	Method of producing tibolone metabolites by fermentation with Cunninghamella Elegans.	Prof. Dr. Atta ur Rahman	HEJ Research Institute of Chemistry, University of Karachi, Karachi	US Patent 8,198,041	12-06-2012
7	Method of producing tibolone metabolites by fermentation with Rhizopus Stolonifer	Prof. Dr. Atta ur Rahman	HEJ Research Institute of Chemistry, University of Karachi, Karachi	US Patent 8,148,556	03-04-2012
8	New steroidal antituberular compound	Dr. Bina Siddiqui	University of Karachi, Karachi	US Patent 8,389,503	05-03-2013
9	Antitubercular alkaloid	Ms. Sabra Begum	University of Karachi, Karachi	US Patent 8,420,660	16-04-2013
10	Binary tree based multilever cache system for multicore processors	Dr. Muhammad Ali Ismail	NED university of Engineering & Technology, Karachi	US Patent 8,694,730	08-04-2014
11	Recovery of nickel from industrial pickling acid solution	Dr. Robina Farooq	COMSATS Institute of Information Technology, Islamabad	US Patent 9,340,434	17-05-2016
12	Processing copper sulfide ores	Dr. Iffat Tahira Siddique	University of Education, Lahore	US Patent 8,388,726	05-03-2013

13	Anticancer compound	Dr. Saifullah	HEJ Research Institute of Chemistry, University of Karachi, Karachi	US Patent 8,389,501	05-03-2013
14	Antiinflammatory compound	Dr. Saifullah	HEJ Research Institute of Chemistry, University of Karachi, Karachi	US Patent 8,329,678	11-12-2012
15	Analytical Grade Salt	Dr. Muhammad Akhyar Farrukh	Deptt. Of Chemistry, GC University, Lahore	US Patent 8,273,321	25-09-2012
16	New Formulation Physali minima against Cutaneous Leishmaniasis	Prof. Dr. Atta ur Rahman	HEJ Research Institute of Chemistry, University of Karachi, Karachi	US Patent 8,287,921	16-10-2012
17	Nano Catalytic Dewaxing of Heavy Petroleum Wastes(>C-33 Alkanes)	Syed Tjammul Hussain	Nano Sciences & Catalysis Analysis Division, National Center for Physics (NCP), Islamabad	US Patent 9,039,892	26-05-2015
18	Artonin 1 to Treat Resistant Infectious Staphylococcus Aureus	Prof. Dr. M. Iqbal Choudhary	HEJ Research Institute of Chemistry, University of Karachi, Karachi	US Patent 8,889,733	18-11-2014
19	Nano-Lucite For Slow Release Nitrogen Fertilizer and Green Environment	Dr. Muhammad Akhyar Farrukh	Deptt. Of Chemistry, GC University, Lahore	US Patent 8,911,526	16-12-2014
20	Cognitive Hub for Self-Healing and Self-Forming Network with Hybrid Communication Technologies	Mr. Shoab A. Khan	Center for Advanced Research in Engineering (CARE), Islamabad	US Patent 8,923,333	30-12-2014
21	Radar Deception Jamming Prevention Using Bi-Static and Mono-Static Radars	Mr. Faran Awais Butt	University of Management & Technology, Lahore	US Patent 9,069,066	30.06.2015
22	Abbasi Strain of Rice	Dr. Fida M. Abbasi	Hazara University, Mansehra	US Patent 9,313,977	14.04.2016
23	Anthranilic Acid Derivatives: Novel Inhibitors of Advanced Glycation End Products (AGEs) Formation	Prof. Dr. Muhammad Iqbal Choudhary	International Center for Chemical and Biological Sciences, University of Karachi, Karachi	US Patent 9,381,182	05.07.2016
24	Small Molecule Activators of HSLV Protease for Development of Novel Antimicrobials	Dr. Muhammad Kamran Azim	HEJ Research Institute of Chemistry, University of Karachi, Karachi	US Patent 9,119,857	01.09.2015
25	Single Step Liquefaction and Saccharification of Corn Starch Using and Acidophilic, Calcium Independent and Hyperthermophilic Pullulanase	Dr. Naeem Rashid	Institute of Agricultural Sciences, University of the Punjab, Lahore	US Patent 9,340,778 B2	17.05.2016
26	Securing Distribution Lines From Pilferages	Dr. Sahibzada Ali Mahmud	Electrical Engineering Department, University of	US Patent 9,305,448	05.04.2016

			Engineering & Technology, Peshawar		
27	Solvent-Free Synthesis of Acetaminophen	Dr. Muhammad Amin Khan	University of Sargodha, Sargodha	US Patent 9,006,488	14.04.2015
28	Schiff Bases of Thiazoles: A new Class of Ureases Inhibitors	Prof. Dr. M. Iqbal Choudhary	International Center for Chemical and Biological Sciences, University of Karachi, Karachi	US Patent 9,447,057	31.08.2016
29	Drug Entrapment Efficiency and Sustained Drug Release of Chloramphenicol Loaded Polymeric Iron Nanoparticles	Dr. Muhammad Akhyar Farrukh	Government College University, Lahore	US Patent 9,393,313	19.07.2016
30	Modulation of c-Fos and BDNF Protein Expression in Pentylentetrazole-Kindled Mice following the treatment with Novel Antiepileptic Compound HHL-6	Dr. Shabana Usman Simjee	International Center for Chemical and Biological Sciences, University of Karachi, Karachi	US Patent 9,272,998 B1	01.03-2016
31	Inhibitors of Advanced Glycation End-Products (AGES) Formation	Dr. Humera Jahan	Dr. Panjwani Center for Molecular Medicine and Drug Research, International Center for Chemical and Biological Sciences, University of Karachi, Karachi	US Patent 9,387,198	12.07.2016
32	Thiourea Derivatives	Prof. Dr. M. Iqbal Choudhary	International Center for Chemical and Biological Sciences, University of Karachi, Karachi	US Patent 9,387,186	12.07.2016