



**The following is a list of currently active US Patents held by School of Pharmacy inventors**

| UM#  | Title  | Issue Date | US Patent # |
|------|--|------------|-------------|
| 3600 | Compositions For Prevention/Prophylactic treatment Of Poison Ivy Dermatitis      | 8/9/16     | 9,408,822   |
| 8190 | A Novel Selective Inhibitor of Prolycarboxypeptidase                             | 11/24/15   | 9,193,762   |
| 3600 | Compositions For Prevention/Prophylactic treatment Of Poison Ivy Dermatitis      | 5/12/15    | 9,029,417   |
| 1911 | Animal Model of Depression and Anxiety   | 4/7/15     | 8,999,293   |
| 5050 | Compositions Containing Delta-9-THC Amino Acid Esters and Process of Preparation | 8/19/14    | 8,809,261   |
| 3430 | Highly Selective Sigma Receptor Ligands  | 8/19/14    | 8,809,381   |
| 3430 | Highly Selective Sigma Receptor Ligands  | 4/1/14     | 8,686,008   |
| 1550 | Methods and Formulations for Reducing Amphotericin B Treatment Side Effects      | 2/11/14    | 8,648,050   |
| 3600 | Compositions For Prevention/Prophylactic treatment Of Poison Ivy Dermatitis      | 7/16/13    | 8,486,998   |
| 1970 | Pterostilbene as a new Agonist for PPAR [CIP]                                    | 8/28/12    | 8,252,845   |
| 1970 | Pterostilbene as a new Agonist for PPAR  | 3/13/12    | 8,133,917   |
| 1510 | Delivery of Medicaments to the Nail and Perionychium via "Etching"               | 6/14/11    | 7,959,904   |
| 1550 | Highly Purified Amphotericin B   | 1/11/11    | 7,867,981   |
| 1940 | Potent Immunostimulatory Extracts from Microalgae                                | 12/7/10    | 7,846,452   |
| 1420 | High Molecular Weight Polysaccharide from Aloe Vera [CON]                        | 8/3/10     | 7,767,655   |
| 1960 | Agents with Selective K-Opioid Receptor Activity                                 | 3/30/10    | 7,687,538   |
| 1350 | Novel Antigiardial Agents and Methods of Use Thereof                             | 12/23/08   | 7,468,445   |
| 1820 | Novel Compounds and Methods for Inhibiting Cellular Responses to Hypoxia         | 5/20/08    | 7,375,132   |
| 1790 | Radioactive Scale and Sludge from Oil and Gas Production                         | 4/22/08    | 7,360,967   |
| 1570 | Design and Synthesis of Optimized Ligands for PPAR                               | 3/4/08     | 7,339,065   |

| UM#  | Title   | Issue Date | US Patent # |
|------|---|------------|-------------|
| 1800 | Method to produce 7-dehydropregnenolone, vitamin D like compounds   | 8/7/07     | 7253393     |
| 1410 | Potent Immunostimulants from Microalgae                             | 4/17/07    | 7,205,284   |
| 1420 | High Molecular Weight Polysaccharide from Aloe Vera                 | 3/27/07    | 7,196,072   |
| 3000 | Yohimbine Derivatives and Use Thereof                               | 12/30/08   | 7,470,703   |
| 1630 | Selective Algaecides for Control of Cyanochloronta                  | 9/27/05    | 6,949,250   |
| 1400 | Manzamines for Treatment of Drug Resistant Infection                | 5/31/05    | 6,900,195   |
| 1330 | Method of Preparing Delta-9-Tetrahydrocannabinol [CIP]              | 5/4/04     | 6,730,519   |
| 1300 | 8-Aminoquinolones   | 4/23/02    | 6,376,511   |
| 1520 | Bioadhesive Hot-Melt Extruded Film for Topical and Mucosal Adhesion | 4/23/02    | 6,375,963   |
| 1330 | Method of Preparing Delta-9-Tetrahydrocannabinol                    | 4/2/02     | 6,365,416   |
| 1320 | Method of Preparing Delta-9-Tetrahydrocannabinol Esters             | 12/28/99   | 6,008,383   |

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