



**COLLEGE OF
PHARMACY**

UNIVERSITY OF MICHIGAN

PK Core Supported Patents

1. Shaomeng Wang, Xu Ran, Yujun Zhao, Chao-Yie Yang, Liu Liu, Longchuan Bai, Donna McEachern, Jeanne Stuckey, Jennifer Lynn Meagher, Duxin Sun, Xiaoqin Li, Bing Zhou, Hacer Karatas, Ruijuan Luo, Arul Chinnaiyan, Irfan A. Asangani. BET bromodomain inhibitors and therapeutic methods using the same.

US patent number 9675697 issued 6/14/2017.

US patent application 15/619,971 filed 6/12/2017.

2. Sheomeng Wang, Yujun Zhao, Bing Zhao, Angelo Aguilar, Liu Liu, Longchuan Bai, Donna McEachern, Duxin Sun, Bo Wen, Ruijuan Luo, Ting Zhao, Arul Chinnaiyan, Irfan A. Asangani, Jeanne Stuckey, Jennifer Lynn Meagher, and Xu Ran. 9H-pyrimido[4,5-B]indoles and related analogs as BET bromodomain inhibitors.

US patent number 9580430 issued 2/28/2017.

US patent application 14-633,360 filed 2/27/2015.

3. Jolanta Grembecka, Tomasz Cierpicki, Dmitry Borkin, Jay L. Hess, Duxin Sun, Xiaoqin Li. Compositions comprising thienopyrimidine and thienopyridine compounds and methods of use thereof.

US patent number 9216693 issued 12/22/2015.

US patent application 14/773,686 filed 9/8/2015.

US patent application 14/937421 filed 11/10/2015.

4. Shaomeng Wang, Jianfang Chen, Donna McEachern, Longchuan Bai, Liu Liu, Duxin Sun, Xiaoqin Li, Angelo Aguilar. BCL-2/BCL-XL Inhibitors and therapeutic methods using the same.

US patent number 9096625 issued 7/15/2015.

US patent application 14/816,191 filed 8/3/2015.

5. Shaomeng Wang, Haibin Zhou, Jianfang Chen, Angelo Aguilar, Jennifer Meagher, Duxin Sun, Chao-Yie Yang, Liu Liu, Longchuan Bai, Donna J. McEachern, Jeanne A. Stuckey-Cupp, Xiaoqin Li. BCL-2/BCL-XL Inhibitors and therapeutic methods using the same.

US patent number 8691184 issued 4/8/2014.

6. Shaomeng Wang, Shanghai Yu, Wei Sun, Sanjeev Kumar Shangary, Duxin Sun, Peng Zou, Donna McEachern, Yujun Zhao. Spiro-oxindole MDM2 antagonists.

US patent number 9079913 issued 6/24/2015.

US patent number 8877796 issued 11/4/2014.

US patent number 8518984 issued 8/27/2013.

7. Ruijuan Luo, Duxin Sun, Jamie Connarn, Vicki L. Ellingrod, Melvin McInnis. Bupropion metabolites and uses thereof.

Filed for US provisional patent 3/31/2016.

8. Scott D. Larsen, Akira Abe, Liming Shu, Michael W. Wilson, Richard F. Keep, Duxin Sun, James A. Shayman. Glycosylceramide synthase inhibitors and therapeutic methods using the same.

Filed for US provisional patent 2015.

9. Shaomeng Wang, Yujun Zhao, Bing Zhao, Angelo Aguilar, Liu Liu, Longchuan Bai, Donna McEachern, Duxin Sun, Bo Wen, Ruijuan Luo, Ting Zhao, Arul Chinnaiyan, Irfan A. Asangani, Jeanne Stuckey, Jennifer Lynn Meagher, and Xu Ran. 9H-pyrimido[4,5-B]indoles and related analogs as BET bromodomain inhibitors.

Filed for US provisional patent 2014; US patent application 14/633,360 filed 2/27/2015.

10. Shaomeng Wang, Arul Chinnaiyan, Irfan Asangani, Yujun Zhao, Bing Zhou, Liu Liu, Longchuan Bai, Angelo Aguilar, Donna J. McEachern, Xu Ran, Duxin Sun, Chao-Yie Yang, Ruijuan Luo, Jeanne A. Stuckey, Jennifer Meagher, Xiaoqin Li, Bo Wen, Hacer Karatas, Ting Zhao. BET bromodomain inhibitors and therapeutic methods using the same.

PCT patent application PCT/US2014/022953 filed 3/11/2014.