

PolyMedix Heptagonist Bibliography – March 2010

Selected scientific publications and presentations at scientific conferences related to PMX-60056 and PolyMedix's heptagonist program includes:

Jeske, W., Brubaker A., Liu D., Scott, R., Young T., Hoppensteadt D. "Novel Antagonists for Low Molecular Weight Heparin and Heparin-Like Drugs". American Society of Hematology, New Orleans, LA, December 8, 2009.

Kuziej J, Litinas E, Hoppensteadt D, Liu D, Walenga JM, Fareed J and Jeske W. "Neutralization of Hemorrhagic and Antithrombotic Activities of Heparins by a Novel Salicylamide Derivative." Federation of American Societies for Experimental Biology, April 2009.

Fareed J, Jeske W, Cunanan J, Adiguzel C, Iqbal O and, Hoppensteadt D. "Neutralization of the Anticoagulant and Anti-Xa Effects of Fondaparinux and Idraparinux by a Novel Synthetic Antagonist. Pharmacologic Implications." Federation of American Societies for Experimental Biology, April 2008.

Jeske W, Brubaker A, Liu D, Young T, Hoppensteadt D, Iqbal O, Fareed J, Walenga J, Bakhos M. "Neutralization of Unfractionated Heparin and Low Molecular Weight Heparin by Novel Salicylamide Derivatives." Federation of American Societies for Experimental Biology, April 2008.

Jeske W, Brubaker A, Liu D, Young T, Hoppensteadt D, Iqbal O, Fareed J, Walenga J and Bakhos M. "*In Vitro* Characterization of the Neutralization of Unfractionated Heparin and Low Molecular Weight Heparin by Novel Salicylamide Derivatives". American Society of Hematology, Atlanta, Georgia. December 9, 2007.

V. Pophristic, S. Vemparala, I. Ivanov, Z. Liu, M. L. Klein, W. F. DeGrado, "Controlling the Shape and Flexibility of Arylamides: A Combined *Ab Initio*, Molecular Dynamics and Classical Molecular Dynamics Study", *J. Phys. Chem. B*, 2006, 110, 3517.

S. Vemparala, V. Pophristic, I. Ivanov, M. L. Klein, "Interaction of Arylamide Polymers with Heparin and Lipid Bilayers", *Biophys. J.*, 2005, 88, 235A.

S. Choi, D. J. Clements, V. Pophristic, I. Ivanov, S. Vemparala, J. S. Bennett, M. L. Klein, J. D. Winkler, W. F. DeGrado, "The Design and Evaluation of Heparin-Binding Foldamers", *Angew. Chem. Int. Ed.*, 2005, 41, 6599.