

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Hematology				
Hemochromatosis	Transmembrane protease serine 6 (TMPRSS6; matriptase-2)	<i>In vitro</i> studies identified small molecule inhibitors of matriptase-2 that could help treat hemochromatosis. Structure-based virtual screening led to the identification of two N-protected dipeptide amides that inhibited purified matriptase-2 with K_i values of 170 and 460 nM. Next steps could include identifying analogs with better selectivity for matriptase-2. SciBX 3(30); doi:10.1038/scibx.2010.924 Published online Aug. 5, 2010	Patent and licensing status unavailable	Sisay, M.T. <i>et al. J. Med. Chem.</i> ; published online July 14, 2010; doi:10.1021/jm100183e Contact: Michael Gütschow, University of Bonn, Bonn, Germany e-mail: guetschow@uni-bonn.de Contact: Jürgen Bajorath, same affiliation as above e-mail: bajorath@bit.uni-bonn.de