This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Chemistry			
Total synthesis of perylenequinones	<p>A method of total chemical synthesis could be used to produce photoactive perylenequinones to treat cancer, viral infections and other indications. Perylenequinones inhibit protein kinase C (PKC). One photoactivated analog inhibited growth of several cancer cell lines, and <i>in vitro</i> studies showed that the analog was more readily photoactivated than known perylenequinones. Ongoing work includes further evaluation of the compounds, including their selective inhibition of PKC isoforms.</p> <p>SciBX 2(24); doi:10.1038/scibx.2009.989 Published online June 18, 2009</p>	Patent and licensing status unavailable	<p>Morgan, B. <i>et al. J. Med. Chem.</i>; published online June 2, 2009; doi:10.1021/ja902324j</p> <p>Contact: Marisa C. Kozlowski, University of Pennsylvania, Philadelphia, Pa. e-mail: marisa@sas.upenn.edu</p>