

Call for Papers! A Special Thematic Compilation/Special Issue Crossover with *ACS Chemical Biology*, *ACS Medicinal Chemistry Letters*, and the *Journal of Medicinal Chemistry* Focused on New Frontiers in Kinases

Call for papers! *Biochemistry* is sending out a call for manuscripts for a special issue entitled “New Frontiers in Kinases”. This special issue will be a cross-thematic issue with *ACS Chemical Biology*, *ACS Medicinal Chemistry Letters*, and the *Journal of Medicinal Chemistry* and is scheduled for publication in January 2015. Kinases are enzymes that transfer a phosphate from a high-energy donor such as ATP to a substrate such as proteins, lipids, carbohydrates, or nucleotides. These enzymes play an essential role in many biochemical processes, including metabolism and cell signaling, and understanding how they function has been a subject of intense interest, with more than 600,000 listings in PubMed. While the ~500-member protein kinase family has received the bulk of the press, lipid kinases such as phosphatidylinositol 3-kinase (PI3K) play a central role in signaling and serve as an important target in diseases such as cancer. Similarly, carbohydrate phosphorylation serves a central role in metabolism but also produces critical molecules in signaling such as the phosphoinositols. Research in this area has resulted in detailed mechanistic insight for many of these enzymes and has greatly augmented the ability to develop small molecule inhibitors, which has proven to be beneficial in treating numerous diseases.

For this cross-thematic issue, *Biochemistry* will publish Articles, Accelerated Publications, Rapid Reports, and Current Topics that highlight the latest biochemical, biophysical, and cell biological approaches that provide mechanistic insight into kinases. Manuscripts in *Biochemistry* will be cross-referenced with the manuscripts in *ACS Chemical Biology*, *ACS Medicinal Chemistry Letters*, and the *Journal of Medicinal Chemistry* and will benefit from a high level of exposure via several ACS marketing initiatives.

We are aiming for publication of this special issue in January 2015; therefore, all submissions must be received no later than September 1, 2014, for inclusion. When submitting, please select the “New Frontiers on Kinases” option from the Special Issues dropdown box in our submission system. We invite you to be part of ACS history and contribute to the field’s knowledge of these important enzymes.

Jeffrey L. Benovic,* Associate Editor

Richard N. Armstrong,* Editor-in-Chief

■ AUTHOR INFORMATION

Notes

Views expressed in this editorial are those of the author and not necessarily the views of the ACS.

Received: February 28, 2014

Published: March 12, 2014