The Era of Cancer Discovery

EUROPEAN ENCYCLOPEDIA OF CANCER DISCOVERY

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Précis: DDR2 kinase is identified as a therapeutic target in squamous cell lung cancer, a disease for which no targeted therapies currently exist.

A structural model shows dasatinib bound to the discoidin domain receptor 2 (DDR2) kinase. Hammerman and colleagues identified DDR2 as a potential therapeutic target in a subset of lung squamous cell carcinomas (SCC). They also found that dasatinib inhibited DDR2, and they observed a clinical response in one patient. These findings warrant further clinical evaluation of this drug and target in a subset of SCC patients. For details, please see the article by Hammerman and colleagues on page 78.