

Discovery of Small Molecules that Target Vascular Endothelial Growth Factor Receptor2 (VEGFR2) Signalling Pathway Employing Molecular Modelling Studies

Shailima Rampogu^{1†}, Ayoung Baek^{1†}, Chanin Park¹, Minky Son¹, Shraddha Parate¹, Saravanan Parameswaran¹, Yohan Park², Baji Shaik³, Ju Hyun Kim³, Seok Ju Park^{4*} and Keun Woo Lee^{*}

¹Division of Life Sciences, Division of Applied Life Science (BK21 Plus), Plant Molecular Biology and Biotechnology Research Center (PMBBRC), Research Institute of Natural Science (RINS), Gyeongsang National University (GNU), 501 Jinju-daero, Jinju, 52828 Republic of Korea

²College of Pharmacy, Inje University, 197 Inje-ro, Gimhae, Gyeongnam 50834, Republic of Korea

³Department of Chemistry (BK 21 plus), Research Institute of Natural Science (RINS), Gyeongsang National University 52828, Jinju, Gyeongnam, Republic of Korea

⁴Department of Internal Medicine, College of Medicine, Busan Paik Hospital, Inje University, Gyeongnam, Republic of Korea

† Equal contribution

