Substituted pyridines and pyridazines having angiogenesis inhibiting activity and generalized structural formula (I) wherein the ring containing A, B, D, E, and L is phenyl or a nitrogen-containing heterocycle; groups X and Y may be any of a variety of defined linking units; R¹ and R² may be defined independent substituents or together may be a ring-defining bridge; ring J may be an aryl, pyridyl, or cycloalkyl group; and G groups may be any of a variety of defined substituents. Pharmaceutical compositions containing these materials, and methods of treating a mammal having a condition characterized by abnormal angiogenesis or hyper-permeability processes using these materials are also disclosed.