

**【Chemistry】**

<b>Title of Project</b>	Synthetic Studies on Biologically Functional Molecules
<b>Principal Investigator Name</b>	Tohru Fukuyama, The University of Tokyo, Graduate School of Pharmaceutical Sciences, Professor
<b>Abstract of Research Project</b>	Overcoming the serious diseases such as cancers and Alzheimer's disease is one of the most important issues in the aging society. Accordingly, intensive efforts for developing new and effective medicines to cure these diseases are actively pursued. Natural products have recently drawn renewed interests and attentions as the seeds of novel medicines. However, availability of such natural products from nature tends to be severely limited. In order to develop novel medicines from natural products, sufficient amounts of compounds need to be provided for derivatization and biological testing. One of the goals of our research program is to establish practical synthetic routes for the natural products of medicinal importance. In addition, a variety of derivatives of the natural products will be synthesized for biological testing.
<b>Number of Researchers : 3</b>	
<b>Term of Project: 2008-2012</b>	