18th International Conference on

MEDICINAL CHEMISTRY & TARGETED DRUG DELIVERY

December 06-08, 2017 Dallas, USA

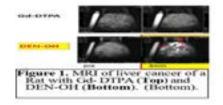


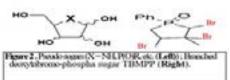
Mitsuji Yamashita

Shizuoka University, Japan

Preclinical researches on novel sugar dendritic Gd-DTPA MRI contrast agents and IER5/Cdc25B tageted phospha sugar antitumor agents to innovate in cancer therapy

Innovative and strategic materials against tumor cells to decrease sharply the number of dead people by tumors are desired eagerly. To innovate in medical technologies of diagnosis and cure for various kinds of tumors by novel medicinal materials, i.e., sugar dendritic Gd-DTPA complex MRI contrast agent (DEN-OH) and IER5/Cdc25B targeted novel phospha sugar antitumor agents (TBMPP) were prepared and evaluated *in vitro* and *in vivo* methods, and then these novel medicinal materials were revealed preclinically to have excellent characters against tumor cells.







Biography

Mitsuji Yamashita has completed his PhD from Nagoya University, Japan, and Postdoctoral studies from Toyota Science and Chemistry Research Center, Japan, and Iowa State University, USA, as well as a Visiting Professor of University of Massachusetts, USA, and a Visiting Researcher of Oxford University, UK. He was a Professor of Shizuoka University, Japan, and he is now a Professor, Emeritus. He has published more than 180 papers and patents.

myama44@yahoo.co.jp