

September 6, 2006

**Announcement of recent discoveries presented at the International
Congress of Metastasis Research Society regarding anticancer effects
of radiation therapy combined with eMIP treatment**

Effector Cell Institute, Inc. (ECI) announced the anticancer effects of chemotactic factor MIP-1 α derivative, named eMIP, when combined with radiation treatment at the 11th International Congress of Metastasis Research Society (Tokushima, Japan, September 3-6, 2006). This discovery was achieved by ECI's research collaborates group, a group lead by Associate Professor Keiichi Nakagawa and Professor Koji Matsushima at Departments of Radiology and Molecular Preventative Medicine, Graduate School of Medicine, University of Tokyo.

The eMIP project is ECI's main drug discovery project which has been heavily invested in by ECI (president: Shiro Kanegasaki) currently in the pre-clinical stage. In order to transition smoothly and efficiently into the clinical trial, manufacturing protocols of the drug in compliance with GMP has been put into effect. Propelled by increasing interest from American national research institutions, ECI is following a project schedule allowing for clinical trials in the United States beginning next year.

< Reference information >

[Summary of announcements]

C57BL/6 mice were subcutaneously implanted with Lewis lung carcinoma in the right and left flank. When the diameter of solid tumor reached approximately 1cm, only right side received irradiation of 6 Gy. After 20 h, the mice were received eMIP intravenously. From that point, eMIP was administrated once a week. The effect of irradiation and eMIP was evaluated by measuring tumor volume. Experiment results showed that eMIP enhances the abscopal effect. From seeing the effects of eMIP on the second tumor without radiation exposure, it can be deduced that eMIP will also be effective on metastatic cancers. Currently, there has been very little reported on compounds which enhance the abscopal effect or treatment of metastatic cancers, which makes eMIP an extremely unique cancer treatment possibility.

【Glossary】

- Abscopal effect: The phenomenon where radiation on one tumor affects tumors at other locations in the body, reducing them in size or eliminating them all together. (The mechanism of this effect is thought to be directed by various effector cells.)
- eMIP: A variant of chemotactic factor MIP-1 α . It has been shown that this recombinant protein enhances anticancer effects.