

TITLE: CHEMICAL SCALPEL

FIELD OF INTEREST

Biotechnology (solid tumors).

CLINICAL NEED

Intraperitoneal chemotherapy is the best form of treatment for most advanced peritoneal carcinomatosis. To obtain good results, in terms of survival and disease-free interval, it is essential to achieve complete cytoreduction through complex surgical maneuvers. However, microscopic tumor implants may go undetected by the surgeon and develop postoperatively. Sometimes, the tumor microimplants are in positions of very difficult access and great difficulty of detection. Furthermore, these microimplants can normally be covered by layers of peritoneal mesothelial cells that can render chemotherapy ineffective.

DESCRIPTION OF THE INVENTION

Researchers face this problem by proposing a composition comprising collagenase in solution for use as an adjuvant or enhancer for cytotoxic drugs in the treatment of solid tumors.

TECHNOLOGY KEYWORDS

Solid tumors, collagenase, microimplants, chemotherapy.

IPR STATUS

Patent application number: EP19382118 and PCT/ES2020/070121.

Applicants: IIS-FJD and UAM.

TYPE AND ROLE OF PARTNER

Looking for commercial partners interested in licensing.

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