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Immunotherapy, The New Frontier Cancer

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Some cancers are very sensitive to chemotherapeutic treatments. Especially lymphomas and leukemias, which are tumors of blood cells, successfully treatable up to 80%. However, most often solid tumors are highly resistant to standard treatments, especially if detected in advanced stages.

A new family of drugs that give the immune system's ability to kill tumor cells has succeeded in eliminating cancer patients with metastases who had remained without any other treatment option. These new drugs are the "most important in cancer treatment" since the arrival of calls molecular therapies fifteen years progress. This new innovative treatment, immunotherapy, is a method in which have been used proteins derived from tumors or tumor DNA mixed with adjuvants in order to generate an immune response against the tumor. The main strategy is to combine drugs to prevent the tumor develops resistance to treatment. They have also been used suppressive molecules regulation, thereby triggering spontaneous responses against cancer, such as antibodies. Cellular immunotherapy, does not generate significant damage in patients, which is an important alternative for patients with various cancers, because it is the "new form of treatment" to deal with cancer. On the other hand patients in earlier stages of the disease, this is no metastasis, can be cured with this treatment or greatly reduce the chances of relapse. Most patients who respond to new immunotherapies do permanently.

Biography

Daniela Capdepon MD, graduate of the University F. Medical Barceló in 2001 with honors and highest academic average. Completed residency in Internal Medicine at the Municipal hospital and COBA oriented Graduate Clinical Oncology from 2002 to 2004. Then she began to study the specialty of Clinical Oncology at the University of Salvador, trained in gastric tumors in Udaondo Hospital, Hospital Marie Curie Cancer Center and Henry Moore and learned to prepare and deliver chemotherapies and concurrences to form the pallium Center for palliative treatment of pain. Graduated in the specialty of clinical oncologist and palliative medicine subspecialty in Pain in 2006 of Salvador University, Buenos Aires. Works as in Municipal Hospital and Italian Society of Zarate and Campana. Fellow in Fundaleu as subinvestigadora in Oncohematology and trained in liquid tumors, LLC, ALL MM, NHL LH. during 2006-2007. In 2008 she built her own Cancer Center and works as a medical director, in Campana Cancer Center, where cancer care is done in outpatient chemotherapy treatments and pain and palliative treatments. The cancer centre works with a specialized team with various advanced research in the field of oncology.

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