

Special Issue “Cancer Immunotherapy and Tumor Microenvironment”: Planned Articles

I. Tumor Microenvironment

- 1. Title:** Evaluating immune response *in vitro* in a relevant tumor microenvironment: a high-throughput microfluidic model designed for clinical screening
Authors: Flora Doffe and Pierre Savagner
- 2. Title:** The tumor immune microenvironment in prostate cancer: an overview of soluble and cellular effectors and their targeting
Authors: Maria Teresa Palano, Matteo Gallazzi, Martina Cucchiara, Federico Dehò, Paolo Capogrosso, Lorenzo Mortara, Antonino Bruno
- 3. Title:** Myeloid-derived suppressor cells in colorectal cancer
Authors: Eyad el Kord et al
- 4. Title:** Cancer-Associated Fibroblast (CAF) and Targeting Therapies
Author: Jérôme Thiery

II. Optimizing cancer therapies

- 5. Title:** Downregulation of the tumor suppressor RKIP-PTEN axis in cancer: New therapeutic strategies for their inductions
Authors: Benjamin BONAVIDA et al
- 6. Title:** Targeting AXL to enhance efficacy of cancer immunotherapy
Authors: Stephanie Buart, Flora Doffe, Nagwa Zeinelabdin; Raefa Abou Khouzam, Pierre Savagner, Fathia Mami-Chouaib, Salem Chouaib, Stephane Terry
- 7. Title:** The promise of bacterial therapy for cancer treatment
Authors: Besan Al-Saafeen, Ashraf Al-Sbiei, Yassir A Mohamed, Ghada Bashir, Maria J Fernandez-Cabezudo, Basel K Al-Ramadi
- 8. Title:** Therapeutic Cancer Vaccine: Recent Advances and Promises
Authors: Omar Ashi, Stéphanie Cognac and Fathia Mami-Chouaib

III. Tumor resistance to therapies

- 9. Title:** Resistance to cytotoxic therapies in cancer by selective anti-apoptotic gene products; regulation by iNOS and targeting to reverse resistance
Authors: Benjamin BONAVIDA et al
- 10. Title:** Hypoxia and tumor resistance to CD8 T-cell immunity and immunotherapy
Authors: Salem Chouaib et al