Prognostic Factors And Predictive Factors Response To Antiblastic Chemotherapy In Cancer Disease: Update Of Literature

Aims & Scope:

The Oncologic discipline is living a profound change, about diagnostic, prognostic factors and predictive response aspects to antiblastic chemotherapy (AC), due to continuous discoveries. In the recent years we use, in our clinical practice, more informations regarding biological aspects of cancer disease and clinical informations that we can resume as prognostic factors and predictive factors to response oncological medical treatment. Prognostic tools are important to better understand if cancer patients will have some benefit from AC and to stratify the risk of relapse/progression of cancer disease. We can divide prognostic tools in Biological and Clinical and often their use in clinical practice is complementary. The predictive factors of response to AC are fundamental to choose the more adequate treatment. Moreover their use is impacting in clinical practice and due to their role we can personalized AC, choosing tailored treatment, according to receptor expression, gene profiles, proliferation index of cancer disease, stage of disease, comorbidities and Performance Status. We think that their appropriate use is the right way to have better response rate by ACs, to reduce toxicities and final to choose the right drug to save economic resources. Moreover in the new era of treatment, so called “Targeted therapies-era” these kind of informations are mandatory. The aim of this special issue is to keep clinicians informed on the latest research advancements that are rapidly evolving in prognostic factors and predictive response factors in cancer disease.

Keywords: Cancer; prognostic factors, predictive response factors, metastases, treatment.

Sub topics:

- Introduction/General considerations/Editorial
- Breast Cancer: Prognostic factors and predictive response to therapy factors
- Colorectal cancer: Prognostic factors and predictive response to therapy factors
- Non-colorectal cancers: Prognostic factors and predictive response to therapy factors
- Primary liver cancers: Prognostic factors and predictive response to therapy factors
- Lung cancer: Prognostic factors and predictive response to therapy factors
- Prostate cancer: Prognostic factors and predictive response to therapy factors
- Renal Cancer: Prognostic factors and predictive response to therapy factors
- Testicular cancer: Prognostic factors and predictive response to therapy factors
- Bladder cancer: Prognostic factors and predictive response to therapy
- Female genital cancers: prognostic and predictive response to therapy factors
- Penis and adrenal gland cancers: prognostic and predictive response to therapy
- Melanoma: Prognostic factors and predictive response to therapy factors
- Primary cancer central nervous system: Prognostic factors and predictive response to therapy factors
- The role of genetic to choose the tailored Antihlastic chemotherapies
- "Insights toward the miRNA profiling of head and neck cancers: biological role and clinical impact"

**Tentative Publication Date:** March 2017