Tentative Outline

Anti-Cancer Agents in Medicinal Chemistry

Lead Guest editor: Claudio Festuccia, PhD, University of L’Aquila

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TITLE:

ANTITARGET THERAPIES: NEW FRONTIERS IN THE TREATMENT OF CANCER.

Aims & Scope: The introduction of targeted therapies as well as the identification of new biomarkers predictive of response to therapy has improved clinical outcome of patients with advanced disease. All these new findings have increased the body of knowledge in bio-molecular research favoring the identification of targets currently included in the most recent pharmacological protocols. A series of preclinical studies have validated many anti-cancer compounds which are at an early stage of clinical development. The main focus of this special issue will be on current anti-target treatment strategies and trends in new target approaches for the management of biological aggressive tumors. This special issue will provide a platform for all translational scientists to learn important breakthroughs in anti-target drug discovery and new therapeutics for the management of aggressive tumors.

Key words: cancer targets, solid and hematologic tumors

Subtopics:

Potential topics include but not limit to:

- Status of art of old anti target therapies ion solid tumors
- Agents modified epigenetic evolution of cancer
- Novel anti hormone compounds
- Agents targeting angiogenesis
- agents targeting cancer cell metabolism
- Agents targeting cancer stem cells
- Agents targeting inflammation
- Agents interacting with signaling transduction pathways
- Agents interacting with early developmental pathways such as Hedgehog.

Schedule:

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manuscript submission deadline</td>
<td>December 2014</td>
</tr>
<tr>
<td>First round of Reviewers</td>
<td>January 2015</td>
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<tr>
<td>Revision Due</td>
<td>February 2015</td>
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<tr>
<td>Notification of acceptance by the Guest editor</td>
<td>March 2015</td>
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<tr>
<td>Final Manuscript due</td>
<td>December 2015</td>
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