



Emerging Role of Immunogenic Cell Death in Cancer Therapy

Guest Editor:

Dr. Emily Capone

1. Department of Innovative
Technologies in Medicine &
Dentistry, G.d'Annunzio
University of Chieti-Pescara,
66100 Chieti, Italy
2. Center for Advanced Studies
and Technology (CAST), 66100
Chieti, Italy

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Message from the Guest Editor

Dear Colleagues,

Immunogenic cell death (ICD) is a form of regulated cell death accompanied by the exposure, active secretion, or passive release of numerous DAMPs (damage-associated molecular patterns) that can function as either adjuvants or danger signals in the activation of both innate and adaptive immune responses. ICD can be induced by different stressors, including (1) intracellular pathogens; (2) certain chemotherapeutic drugs such as anthracyclines, DNA-damaging agents, and proteasomal inhibitors; (3) oncolytic viruses; (4) targeted anticancer agents such as the tyrosine kinase inhibitor crizotinib, the epidermal growth factor receptor-specific monoclonal antibody cetuximab, and poly-ADP-ribose polymerase (PARP) inhibitors; (5) physicochemical therapies and photodynamic therapy; and (6) radiotherapy.

This Special issue aims at expanding the current knowledge on ICD-related processes and molecules, on ICD inducers, and on the underlying mechanisms of signaling mediated by DAMPs in order to improve cancer therapies in a personalized, biomarker-driven manner.

Dr. Emily Capone
Guest Editor





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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