

## Metabolic Diseases and Immune System in Prostate Cancer

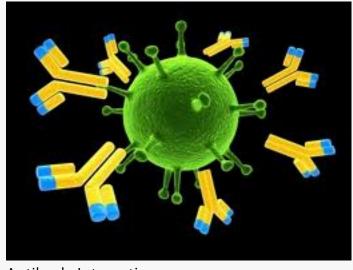
Immunology, deals with the host defense system is now at the center today. The onset of new disease management and prevention are more important.

HENDERSON, NV, USA, July 23, 2013 /EINPresswire.com/ -- Immunology is a branch of biology that deals with basic defense mechanisms of the human body. There is a strong network among various cells, tissues and molecules that are keeping the host system safer from the foreign bodies, which cause the diseases in many cases they are lethal. However, the advances in medicine took a revolution to eradicate dangerous diseases from human community, still there are many questions unsolved in case of diseases like cancer.

The arrival of biochemistry, which deals with chemistry of molecules, cells and their metabolic activities, various pathways, regulations and their consequences has improved the understanding the disease at cell and molecule level. The Biochemistry of these molecules plays a vital role in initiation of diseases. The activity of major molecules of the immune system is strongly depends upon their metabolic activity.

Cancer is one the leading death causes diseases now a days. Cancer is one the





**Antibody Interactions** 

diseases of energy metabolisms for which requiring metabolic solutions for its management and prevention. In this special issue, we aimed to discuss Prostate Cancer, its metabolic conditions,

regulations of immune system and prevention methods. The special issue covers vast range of science that comes under the scope of Cancer metabolisms, the state of immune systems and solutions.

Under the special issue we aimed to discuss the following topics, however, it's not constraints...

- Glucose Metabolism and prostate cancer.
- Lipid metabolism and prostate cancer
- Bone metabolism and prostate cancer
- "Osteoimmunology" and prostate cancer
- Inflammation and prostate cancer
- Tumor Immunology and Immunotherapy in prostate cancer
- Metabolic alterations and prostate cancer: Novel Pathways and Regulations of Prostate Cancer
- Metabolic and immunologic alterations in prostate cancer: New Targets, Biomarker and New Technologies for Anticancer therapy.
- Combination Approach In prostate Cancer: Metabolism and Immunity
- Metabolic alterations and vascular disease in prostate cancer

## The Handling Editor

Di Francesco Simona

For more than 10 years, she is working actively to endocrine and metabolic diseases in prostate cancer at the Department of Medicine and Science of Aging of University G. d'Annunzio of Chieti-Pescara, Italy. In particular, recently, the Italian Society of Urology has awarded her research work, analyzing the complex relationship between changes in bone metabolism, renal function, and immune structure in prostate cancer.

## The journal

<u>Immunome Research</u> is an open access, peer review journal that has been acquired recently by <u>OMICS Publishing Group</u>, one of the leading Open Access Publishers. The journal aims to paves the way for the researches by providing advancements in the field of immunology. The journal covers all basic aspects of immunology apart from Immunoinformatics, Bioinformatics in immunology and molecular biology applications in immunology.

## **Invitations**

Under this special issue, now the editor is accepting original research, reviews, mini reviews, case reports, commentaries, Editorial and Letters.

We are glad to invite the renowned scientists around the world to participate in the special issue and make it a great success.

For more details about the journal and special issue, please visit the URL: <a href="http://www.omicsonline.com/open-access/immunome-research.php">http://www.omicsonline.com/open-access/immunome-research.php</a>

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