Insights In Blood Pressure

Systematic analysis of immunotherapy efficacy with concomitant antibiotics use: Role of gut microbiome in cancer immune response.

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Abstract:
Background: Intestinal microbiota can modulate immune mediated effects of anticancer therapies. Research suggests that efficacy of CTLA-4 blockade and anti-PD-1/PDL-1 drugs may depend on gut microbiota through enhancement of T-cell or dendritic cell function. Interactions of antibiotic and probiotic therapy with cancer immunotherapies have been retrospectively studied and are controversial. The purpose of our study is to assess the impact of antibiotics on cancer immunotherapy treatment. We conducted a systematic analysis of literature analyzing the effects of antibiotic usage on cancer immunotherapy outcome in animal tumor models and patients with advanced malignancies. We searched pubmed, American Society of Clinical Oncology and American American Association for Cancer Research websites

Biography: Vignesh Krishnan, Capital University, Bexley, Ohio, USA and Adena Health System, Chillicothe, Ohio, USA.

Publications:

1.Evaluating the Mechanical Properties of Admixed Blended Cement Pastes and Estimating its Kinetics of Hydration by Different Techniques
2. Genetic Diversity Using Random Amplified Polymorphic DNA (RAPD) Analysis for Aspergillus niger isolates
3. Au–Ag–Cu nanoparticles alloys showed antifangal activity against the antibiotics-resistant Candida albicans
4. Induce mutations for Bavistin resistance in Trichoderma harzianum by UV-irradation
5. Biliary Sludge. Analysis of a Clinical Case

16th World Congress on Gastroenterology & Therapeutics October 30-31, 2020

Abstract Citation: Vignesh Krishnan, Systematic analysis of immunotherapy efficacy with concomitant antibiotics use: Role of gut microbiome in cancer immune response.World Gastroenterology 2020, 16th World Congress on Gastroenterology & Therapeutics October 30-31, 2020