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Research Article

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Rosuvastatin inhibit the cell proliferation and the expression of angiogenic factors Vascular Endothelial Growth Factor and Matrix-Metalloproteinase-9 in DU-145 human prostate cancer cells

Published On: May 11, 2021 | Pages: 008 - 014

Author(s): Abdolkhaleg Deezagi*, Armaghan Jamalnia and Hanieh Jaefary

Abstract Background: Pathophysiology angiogenesis refers to uncontrollable endothelium capillary proliferation, it can be seen in diseases such as growth and metastasis of tumors. The aim of this was to study the effects of Rosuvastatin on the cell growth and expression of the Vascular Endothelial Growth Factor (VEGF) and matrix metal proteases (MMP-9) genes in human ...

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Understanding immunotherapy and its management

Published On: January 12, 2021 | Pages: 001 - 007

Author(s): Nadiminti Rajesh Kumar* and Sajid Alvi

A few tumours are exceptionally stubborn to oral chemotherapy. The endurance of tumours in a few cases is helped by checkpoint immunomodulation to keep up the unevenness between resistant reconnaissance and disease cell division. Checkpoint counteracting agent inhibitors, for example, against PD-1/PD-L1, are another class of inhibitors that capacity has tumour stiflin ...

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Review Article

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Tumor-associated macrophages: Shifting bad prognosis to improved efficacy in cancer therapies?

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Author(s): Guillaume Harlé, Janske Nel, Camille Corbier, Nadège Touche and Stéphanie Grandemange*

Macrophages are innate immune cells that play an important role in the response to damaged tissue and pathogenic infection. During activation, signals from the local environment induce macrophage polarization towards either the classical pro-inflammatory phenotype (M1) or towards the alternative anti-inflammatory phenotype (M2). In cancer, M2 tumor-associated macrophages ...

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Case Report

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A case of denosumab-associated hyperparathyroidism: A differential diagnostic challenge

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Author(s): Emin Takran*, Sevnaz ahin, Sumru Sava, Zeliha Fulden Saraç and Selahattin Fehmi Akçiçek

Denosumab is a relatively new medicine that has become the second option in the treatment of biphosphonate-resistant or intolerant osteoporosis. Subcutaneous injection with 6-month intervals, approval of its usage in stage 3-4 CKD and not having gastrointestinal side effects are advantages of denosumab. However, it has some disadvantages like requiring monitoring seru ...

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Short Communication

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Supposition about absence of contact inhibition of cancer cells

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Author(s): Gogichadze G*, Gogichadze T and Mchedlishvili E

As is known, the superficial charge of most somatic cells is negative. Proceeding from this fact, somatic cells never interact. There is always some type of space (intercellular space) between them. Intercellular contacts are predominantly determined by two main factors: Van der Waals (positive taxis) and electrostatic (negative taxis) forces contributing to the forma ...

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