Blood and aqueous humor tumstatin concentrations associated with diabetic retinopathy

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Aim: Diabetic Retinopathy (DR) is the most common microvascular complication of Diabetes Mellitus (DM). This study was carried out to determine blood and aqueous humor tumstatin level in patients (DM + cataract, in patients (DR+cataract), and patients only having cataract. Methods: Blood and aqueous humor were collected from patients. Tumstatin measurement is perfor ...

The role of toll like receptor 9 in maintaining gut homeostasis

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Author(s): Matthew G Varga and Henry C Lin*
Toll-Like Receptor 9 (TLR9) is a unique pattern recognition receptor due to its ability to induce either pro- or anti-inflammatory cascades. However, much remains to be elucidated regarding this receptor, such as its localization in different cell and tissue types, the potential epitopes that induce signaling, and how activation of the receptor may result in diverging ...
Un-digitize sleep if you don’t want nightmares

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For the maintenance of machines and other mechanical devices, the more you can measure, the better. For the maintenance of life, meaningful data is essential. This understanding is not yet integrated in the views and practices of medicine. Digitizing the way to better sleep health [1], is a worrisome example. ...