سیویلیکا - ناشر تخصصی مقالات کنفرانس ها و ژورنال ها
گواهی ثبت مقاله در سیویلیکا
CIVILICA.com

عنوان مقاله:

Intravitreal Injection of Zoledronic Acid in a Rat Model of Choroidal Neovascularization

محل انتشار:

هشتمین همایش تحقیقات چشم پزشکی و علوم بینایی ایران (سال: 1397)

تعداد صفحات اصل مقاله: 1

نویسندگان:

Mohammadreza Salarbehzadi - *Department of clinical sciences , Faculty of Veterinary Medicine , Science and Research Branch,Tehran,Iran*

Ramin Nourinia - *Ophthalmic Research center, Shahid Beheshti University of Medical Sciences,Tehran ,Iran*

Mozhgan Rezaei Kanavi - *Ophthalmic Research center, Shahid Beheshti University of Medical Sciences,Tehran ,Iran*

Hamid Ahmadieh - *Ophthalmic Research center, Shahid Beheshti University of Medical Sciences,Tehran ,Iran*

خلاصه مقاله:

Purpose: To determine the effects of intra vitreal zoledronic acid (IVZA) on attenuation of laser-induced choroidal neovascularization (CNV) in rats.Methods: CNV was induced in 30 pigmented rats via laser burns. Rats were divided into two groups; one group received IVZA (8 µg / 2 µL) and another group received 2 µL normal saline. Neovascularization area was quantified by lectin staining of choroidal-scleral flat mounts by using Image J software. Results: Mean CNV area in the IVZA group (30016.02) was significantly less than the controls (43935.49) (P value = 0.059).Conclusion: IVZA with dose of 8 µg / 2 µL was effective in attenuation of CNV in rats. To maximize the antiangiogenic effect of IVZA, further investigation using the maximum safe dose of IVZA should be conducted

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

https://civilica.com/doc/727750