

## عنوان مقاله:

ارتباط بین وزن و برخی از شاخص های خون شناسی و بیوشیمیایی سرم خون ماهی کپورنقره ای (Hypophthalmichthys molitrix)

## محل انتشار:

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## خلاصه مقاله:

In this study, the relationship between fish weight and hematological changes and some biochemical indices of serum of silver carp were studied. For this purpose, the carps of silver carp were sampled in 5 groups: 500, 700, 1000, 1300 and 1600 grams. In order to evaluate the blood indices of silver carp in each weighing group, 5 fishes were selected and then, to facilitate sampling, using tail cropping was done. Then the serum hematological and biochemical factors were determined in the hematologic laboratory and by automatic devices. Based on the results, it was found that increasing the weight of silver carp did not change the amount of white blood cells, red blood cells, hemoglobin, hematocrit, MCV, MCH, MCHC, PLT, lymphocyte, monocyte and granulocyte, and there was no significant difference in the weight different groups ( $P > 0.05$ ). Also, the results of some biochemical indices in serum showed that, except for calcium weighed 1600 grams of silver carp, weighed more than other groups ( $P < 0.05$ ), weight gain has no effect on glucose, urea, triglyceride, cholesterol, phosphorus, sodium, potassium, albumin and total protein ( $P > 0.05$ ). The results of this study showed that changes in body weight of silver carp in a similar age did not affect the blood indexes.

## کلمات کلیدی:

بیوشیمیایی، خون شناسی، کپور نقره ای، وزن

## لینک ثابت مقاله در پایگاه سیویلیکا:

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