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**Evidence for leptin receptor immunoreactivity in the gastrointestinal tract and gastric leptin regulation in the rainbow trout (*Oncorhynchus mykiss*)**

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**ABSTRACT**

In this study, evidence for leptin receptor (LR) and gastric leptin immunoreactivity along the digestive tract of the rainbow trout (*Oncorhynchus mykiss*), is reported. Besides this, the regulation of gastric leptin and its transcript by fatty acids was analyzed in vitro. LR was detected mainly in the cells of

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