

Expression of Ghrelinpositive Cells in the Stomach of the Rat

*S. Hamza**, *I. Vulkova**, *M. Gulubova***, *P. Atanasova****, *D. Sivrev**

**Department of Anatomy, Faculty of Medicine, St. Zagora, Bulgaria*

***Department of General and Clinical Pathology, Faculty of Medicine, St. Zagora, Bulgaria*

****Department of Anatomy, Histology and Embryology, University of Medicine, Plovdiv, Bulgaria*

Ghrelin is a relatively new-found hormone. The cells which express ghrelin in the largest amount are in the ventricular fundus. The aim of the study was by immunocytochemical methods to establish the presence of ghrelinpositive cells in the lining of the stomach. Ghrelinpositive cells are visualized in the deeper parts of the lining taken from the area of ventricular fundus. Their amount is greater near the border with the muscle sheath. Individual cells containing granules with ghrelin was found in the superficial parts of the muscular coat and close to the surface of the lining.

Key words: ghrelin, stomach, ghrelinpositive cells, expression.