

Salivary lipid peroxidation and periodontal status detection in ukrainian atopic children with convolutional neural networks

## I. Introduction

One of the most accessible biological fluid of human organism is saliva. It can be examined by noninvasive methods from the oral cavity mucosa, gingival sulcus, and surfaces of the tooth. This biological fluid is characterized by set of microorganisms and can demonstrate the relationship of the whole organism with the environment [1].