

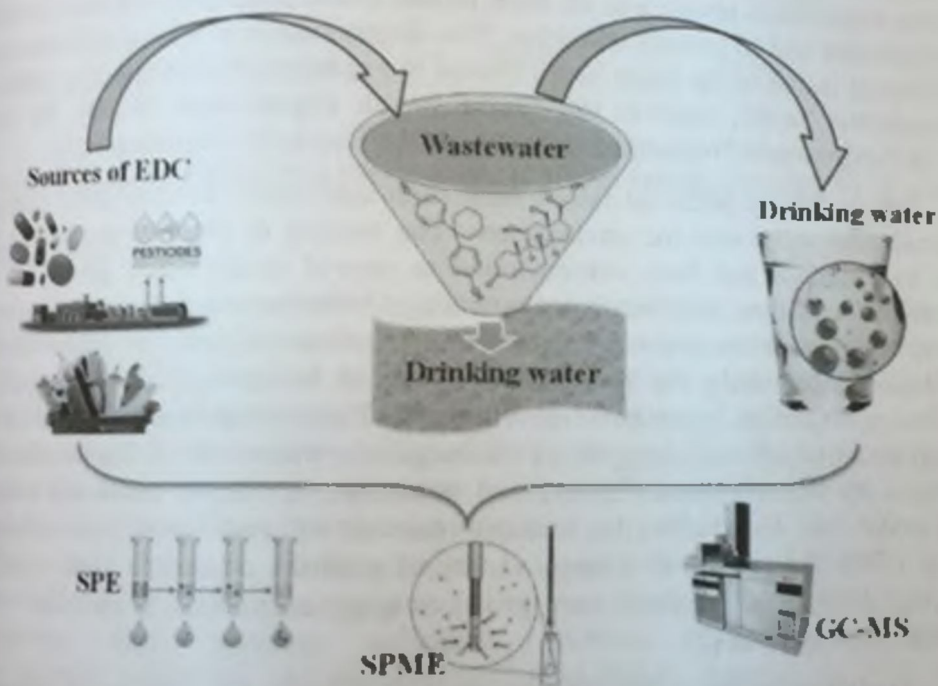
## SCREENING OF ENDOCRINE DISRUPTORS IN WATER SAMPLES BY SPME-GC/MS

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### GRAPHICAL ABSTRACT

#### WAYS OF EXPOSING ENDOCRINE DISRUPTORS INTO WATER



### ABSTRACT

Within a decade, the use of all kinds of chemicals in agriculture, in the production of medicines, cosmetics and household chemicals caused the degradation of water quality. Those pollutants, low concentrations of which can cause great damage to people's health, are of particular concern. Getting into the environment through wastewater systems man-made and natural hormones - estrogen, ethinylestradiol and estradiol others, et. al. demonstrated their ability to destruct the endocrine system of living organisms.

This paper presents the results of literature analysis of methods for determination of endocrine disruptors in water samples. These results will allow us development more