

**Key words:** hypothyroidism, thyroid hormone, lipid metabolism.

## THE STUDY OF ANTITUBERCULOSIS ACTIVITY OF NEW SYNTHESIZED COMPOUNDS OF THIOUREIDE ACID-2-(2-PHENYLETIL)-BENZOIC

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**Introduction:** Tuberculosis still remains the major danger for people's health in most of the countries. The treatment of this illness hasn't had the expected results. It's the best way to stop the spread of the infection. The main reason of this deficiency is drug resistance and often multidrug resistance of Mycobacterium tuberculosis to anti-tuberculosis drugs used in therapy. The study of new substances with anti-tuberculosis activity and elaboration of new effective remedies could increase the range of anti-tuberculosis medicines.

**Aims:** The synthesized compounds to benzoic acid thioureides are of great scientific and practical interest to elaborate the new effective drugs. The aim of this study was to determine the anti-tuberculosis activity of synthesized to benzoic acid thioureides compounds.

**Methods and results:** Using the reference strain H37R of M.tuberculosis isolated from TB patients there was made a study of invitro antituberculosis activity of N-(2-fenetilbenzoil)-N-(3,5diclorfenil)-thiourea number of substances of class thioureidesacid2-(2'-fenetil)-benzoic acid by determining the minimum inhibitory concentration (MIC). Activity above the minimum inhibitory substance was studied in the liquid medium (Middlebrook 7H9) and solid (Lowenstein-Jensen). To study the MIC of the substance were used 0.2 ml suspensions H37R and wild strains of a turbidity 5CFU at each concentration of the substance: 200 mg/ml, 50 mg/ml, 30mg/ml, 10mg/ml, 7mg/ml and 4mg/ml. The MIC of the substance synthesized N-(2-fenetilbenzoil)-N-(3,5diclorfenil)-thiourea was established on 10mg/ml.

**Key words:** invitro, anti-tuberculosis drugs.

## INFLUENCE OF PLATELETS RICH PLASMA (PRP) ON THE REGENERATION OF SKIN CONDITIONS ALLERGIC DERMATITIS

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**Introduction:** Modern approach to the problem of skin diseases characterized by the influence on the regeneration of tissues at the cellular level, leading to restoration of structure and function of the body as a whole.

**Aim:** to examine the effects of PRP on regenerative properties of skin conditions allergic dermatitis.