

Isolation and Identification of the Dominant Flora of the Intestinal Microbiota of *Rattus norvegicus* an Algerian Firm West

Authors : Karima Ould Yerou, B. Meddah, A. Tir Touil

Abstract : The intestinal flora also called the intestinal microbiota, consists of different bacteria and other microorganisms which occur naturally in the gastrointestinal tract organs components. These intestinal bacteria are present in their millions and help the functioning of the body in particular allowing aid to degradation of certain molecules into absorbable substrates. They also protect against invasion of the gut by other pathogenic bacteria, that is to say which may be responsible for disease. Factors like stress, antibiotics and diet can affect the balance of intestinal flora and in case of imbalance, digestive disorders type bloating, diarrhea or vomiting may occur. *Rattus norvegicus* of bad weight of 100 kg, an Algerian firm West are scarified and isolation of their ileum and colon respectively two Bactrian strains *Escherichia coli* and *Lactobacillus* are then purified and identified.

Keywords : intestinal flora, *Rattus norvegicus*, *Escherichia coli*, *Lactobacillus*, West Algerian farm

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