

# Experiments of Biosatellite II.

National Aeronautics and Space Administration [for sale by the Supt. of Docs., U. S. Govt. Print. Off.] - Mutational Response of *Habrobracon* in the Biosatellite II Experiment on JSTOR



Description: -

- Artificial satellites.
- Space biology.experiments of Biosatellite II.
- NASA SP -- 204.
- NASA SP-204experiments of Biosatellite II.
- Notes: Includes bibliographies.
- This edition was published in 1971



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## Full text of Experiments Flown on the Soviet Biosatellite Cosmos

The fluid shift due to tail-suspension may be similar to that seen in man during head-down tilt, head-out-of water immersion, and microgravity exposure Arborelius et al. Total RNA was isolated from the testes of rats designated 6, which had been subjected to flight lane 1 , vivarium lane 2 , caudal-elevation lane 3 , or simulated launch lane 4 ; control RNA was from normal mouse testis lane 5; positive control and mouse liver lane 6; negative control. Staining is abolished by omission of the primary antibody.

## Animals in Space

However, these conclusions probably were influenced by inclusion of rats with pre-existing abnormal testes. Special care was taken to ensure that measurements were taken only on villi and crypts that had been cut in cross-section.

## Biological experiments in space

Presence of Somatostatin 28j 12 in Hypothalamus and Pancreas. A Simple and Rapid Staining Method for Enhancing the Contrast of Tissue Previously Treated with Uranyl Acetate. Improvements were made in hardware, prelaunch tests, and procedures before Biosatellite II was launched on September 7, 1967 from Cape Kennedy.

## Full text of Experiments Flown on the Soviet Biosatellite Cosmos

Cells were prepared from individual glands by trypsinization 7 and kept separate during culture tests to permit statistical analysis of the data.

## Biosatellite

The cells were analyzed upon return to the United States for fluorescence, an indicator of presence of the antigen, using a FACSCAN flow cytometer Becton-Dickinson Cytometry Systems, Mountain View, CA with Consort 30 software. Phillips Department of Physiology College of

**Biosatellite II. (Book, 1969) [vivchar.tom.ru]**

Multik's death raised new questions regarding the ethics of using animals for research. In: Handbook of Physiology, Sect.

**Animals in Space**

Cells were pulsed with  $^3\text{H}$ -thymidine 18h before harvest. Unclassified lymphoid cells Ly are also present. It was released on December 14, 1966 by a rocket from the.

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