

## THE SITUATION OF CHLAMYDIA AT KAUNAS ZOO

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**Summary.** Chlamydias are intracellular micro-organisms. There are three kinds of *chlamydias*: *Chl. Psittaci*, *Chl. Trachomatis*, *Chl. Pneumonia*. *Chl. Psittaci* causes different diseases to birds and mammalia. Human ornithosis is caused exclusively by this kind of *chlamydias*. The lines of sheep abortions and meningopneumonia of mice are also pathogenic to people. *Chl. Trachomatis* and *Chl. Pneumonia* are pathogenic to people as well. *Chlamydias* are specific not to species but to tissues.

Animals of different species live in high concentration at Kaunas Zoo. The environment is very favourable for *chlamydias* there. We carried out investigations there and found out that there are *chlamydias* at Kaunas Zoo. The line lines E and Ž, belonging to *chlamydias* were isolated from the breathing paths of ill animals and the suspension of the inner organs of hamster. Embryo kidney cell' culture was used to investigate the development cycle and identification of these lines. It has been recommended to carry out tests for *chlamydias* on the employees of the Zoo.