

**HEMINTHIASIS IN A RATS (*Rattus sp.*)
IN SURABAYA**

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ABSTRACT

The research was done to investigate and find out whether in the rat's (*Rattus sp.*) body in Surabaya contained zoonotic *helminth*. This research used 31 rats taken from North Surabaya, South Surabaya, East Surabaya, West Surabaya and Central Surabaya, regardless of gender and age. 1 sample from Mulyosari, 3 samples from Bratang, 7 samples from Pegirian, and 20 samples came from Keputran. The result of 31 samples of rat's digestive organs examined using a surgical method showed positive results of the presence of *Hymenolepis diminuta* in the intestine and 5 positive samples were *Capillaria hepatica*, and then 25 positive samples were *Taenia taeniaformis* obtained from rat liver organs. From exploration using a microscope, 27 samples showed positive results in the presence of *Capillaria hepatica*'s eggs. *Helminth* found in this research are *Hymenolepis diminuta*, *Taenia taeniaformis*. And *Capillaria hepatica* which are zoonotic.

Key words: *Rattus sp*, *Hymenolepis diminuta*, *Taenia taeniaformis*, *Capillaria hepatica*, Surabaya