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Title: Tuberculosis (TB) outbreak in a closed Aotus monkey breeding colony: Epidemiology, diagnosis and TB screening using antibody and interferon-gamma release testing

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**Tuberculosis (TB) outbreak in a closed Aotus monkey breeding colony: Epidemiology, diagnosis and TB screening using antibody and interferon-gamma release testing**

**Running Head:** Tuberculosis in Aotus monkeys

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**Highlights**

- This study presents the first confirmed TB outbreak in Panamanian Aotus monkeys
- Epidemiological and spatial analysis confirmed human to monkey transmission
- A cross-sectional TB screening demonstrated the colony to be free of latent MTB
- infection
- Contrary to previous reports this study suggests that Aotus monkeys are highly susceptible to MTB

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