## Suitability of Anthrax in the Black Sea Basin through the scope of distribution modelling

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## Bacillus anthracis

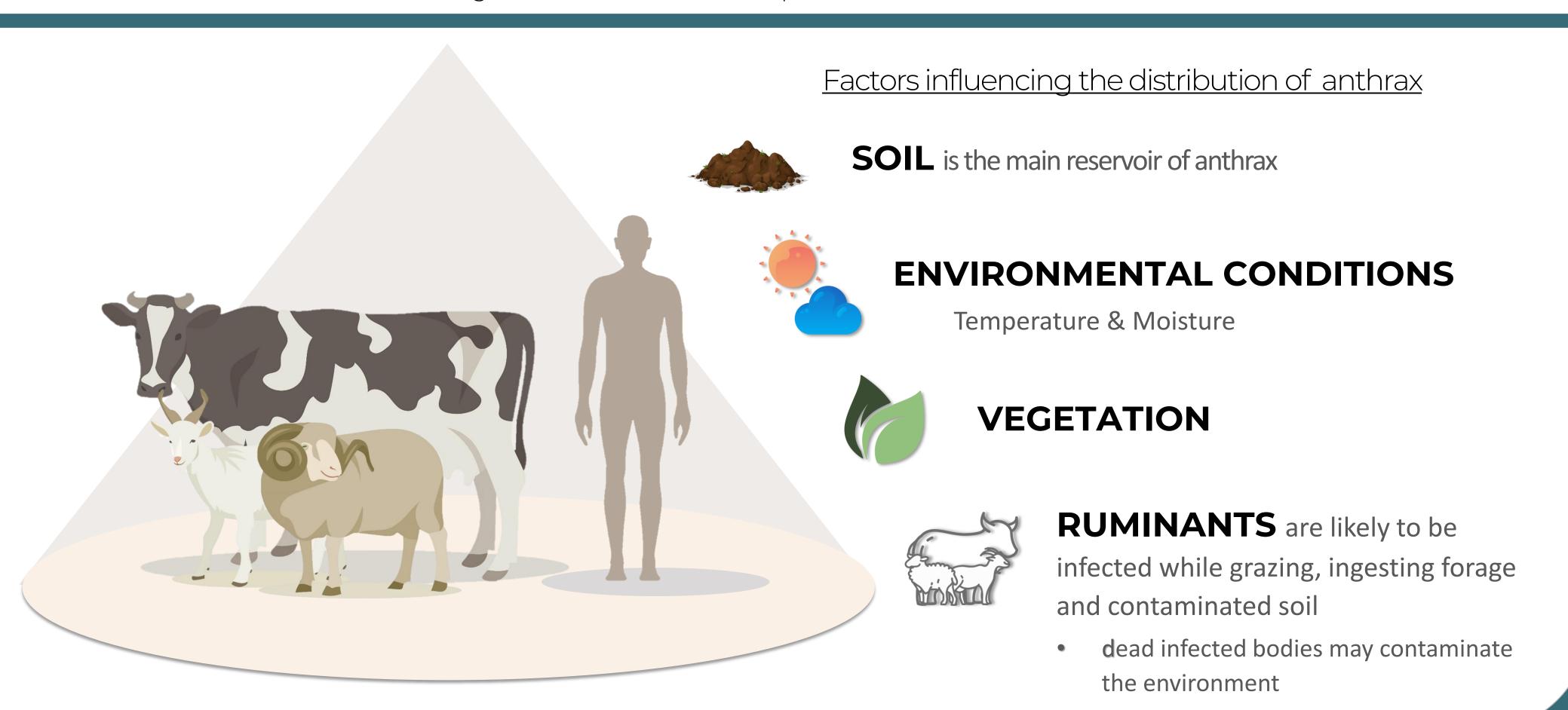
It is a spore-forming bacterium, for which the <u>most susceptible hosts</u> are **domestic and wild ruminants**.

It causes  $\uparrow$  mortality rates and presents a public health threat.

Anthrax spores germinate once ingested,

- → vegetative cells rapidly replicate,
- → produce exotoxins,
- → lead to septicaemia and death.

Human infection happens through contact with infected animals or carcasses.



AIM: To predict the potential suitability of anthrax in the Black Sea basin

