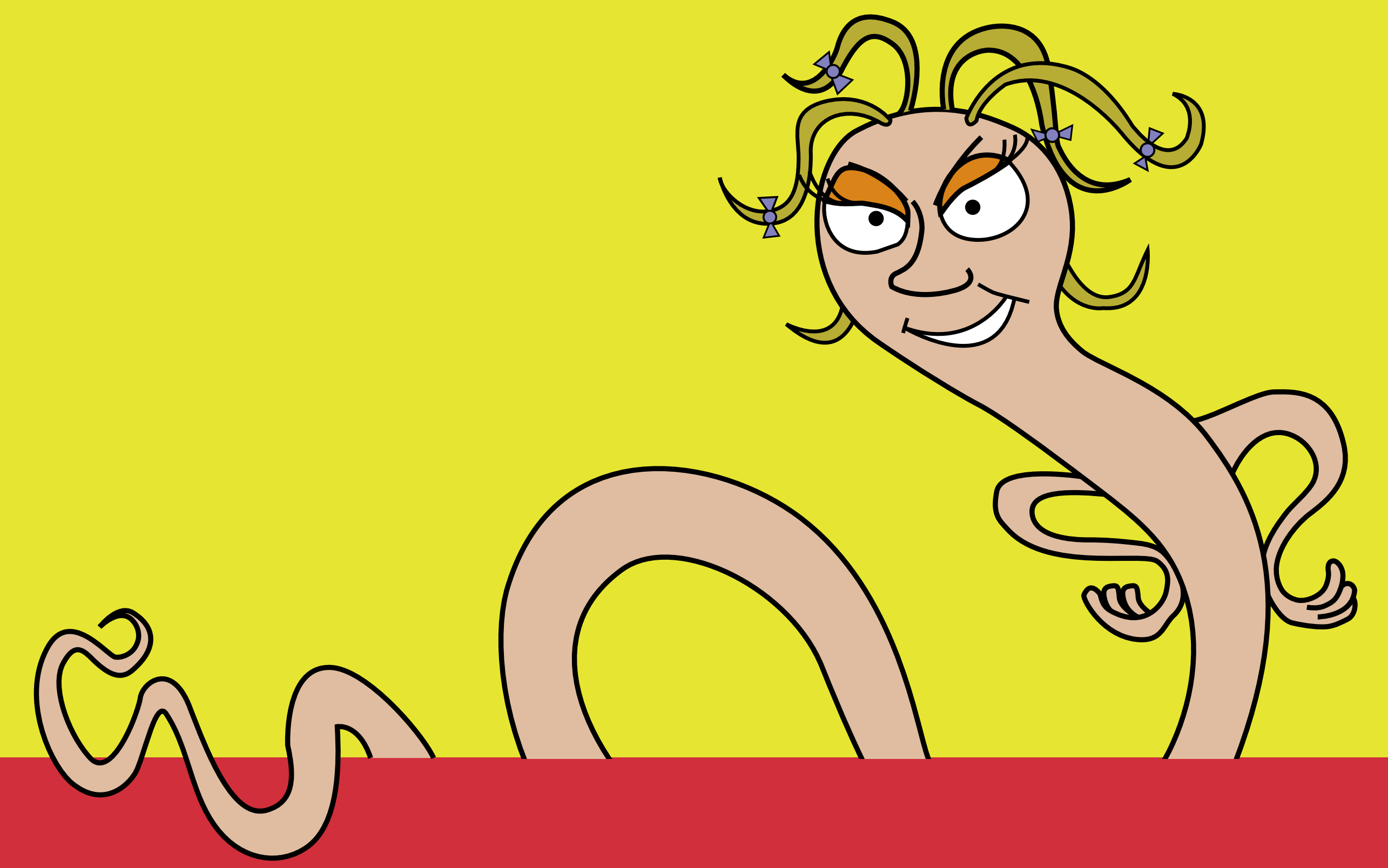


A Pocket Guide to Pandora the Parasite



Pandora is a parasite that causes lungworm infection. She lives in the lungs of cows and calves and can give them pneumonia. Sometimes the lungworm parasite just makes the cows cough. However if Pandora is joined by lots of her lungworm friends the cows can go off their food, produce less milk, get a fever and, in some cases, die.

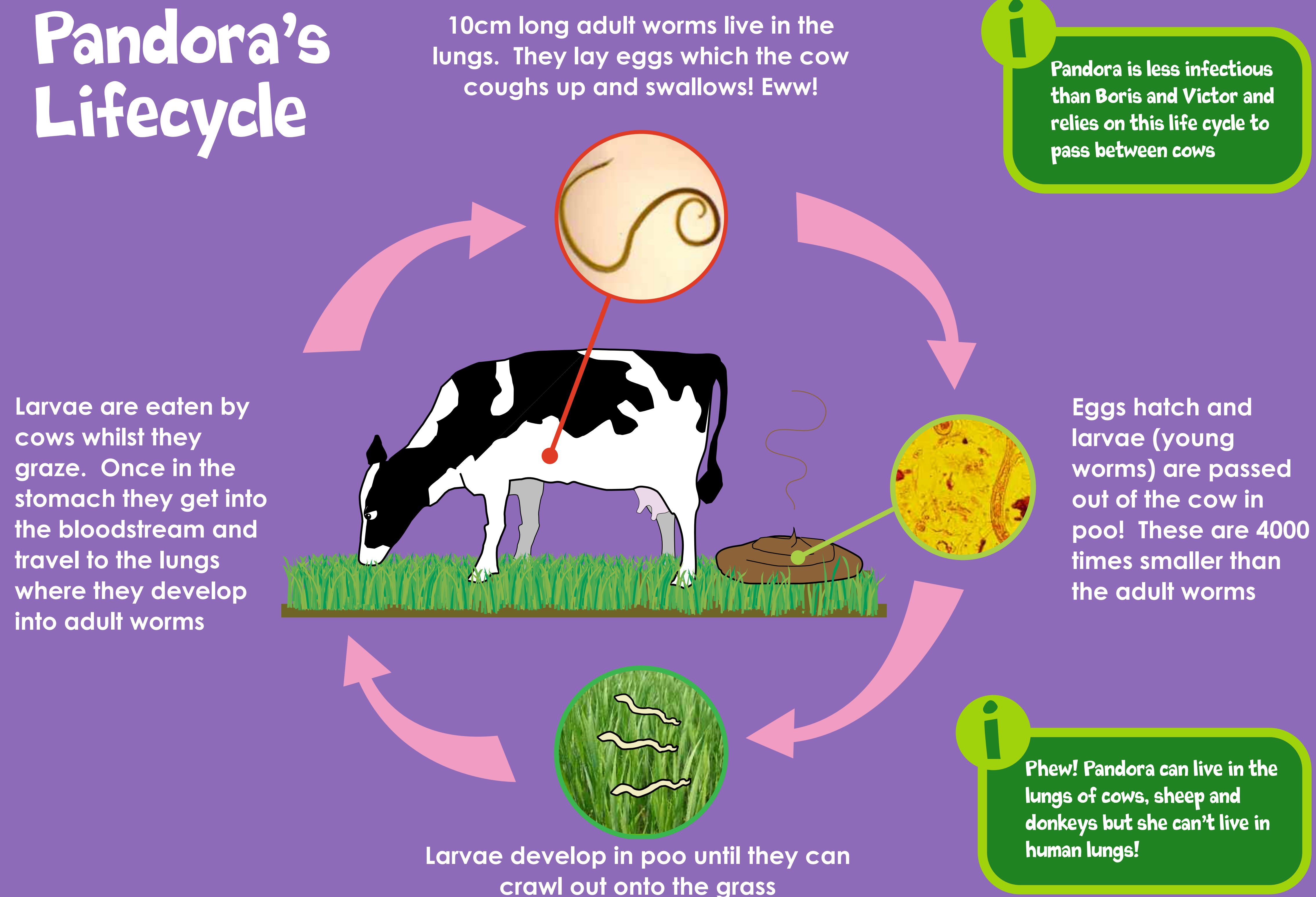
How Do we Fight Pandora?

1 in 8 cases of cows with pneumonia are caused by lungworm.

Lungworm infection can be diagnosed by finding larvae in the cow's poo and can be controlled in 2 ways:

- **Anthelmintics**
(special medicine that targets worms)
- **Vaccines**

Pandora's Lifecycle



THE FUTURE

Researchers at Moredun and around the world are working with other scientists to develop better and cheaper vaccines to protect cows from lungworm infection.