

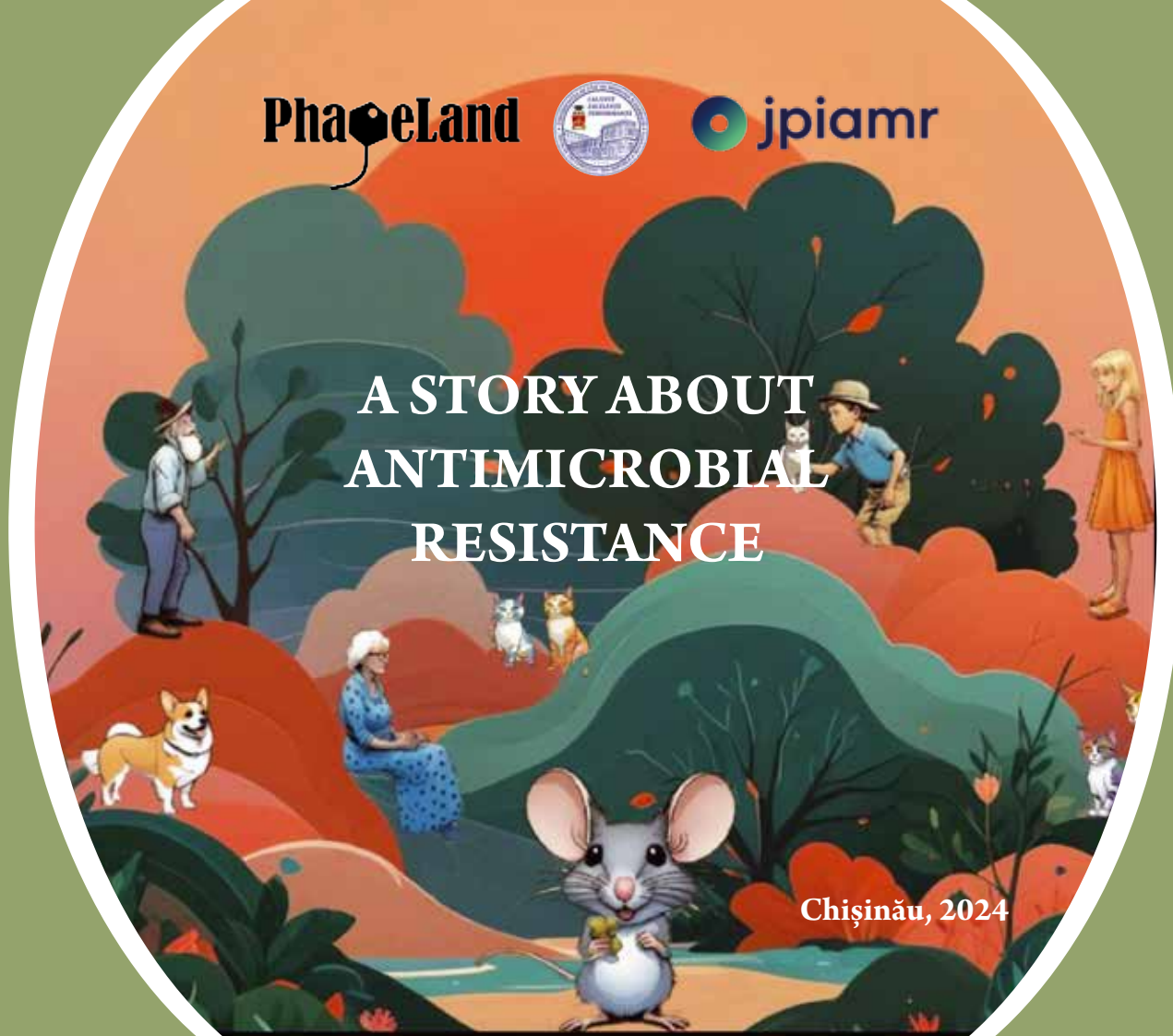
PhageLand

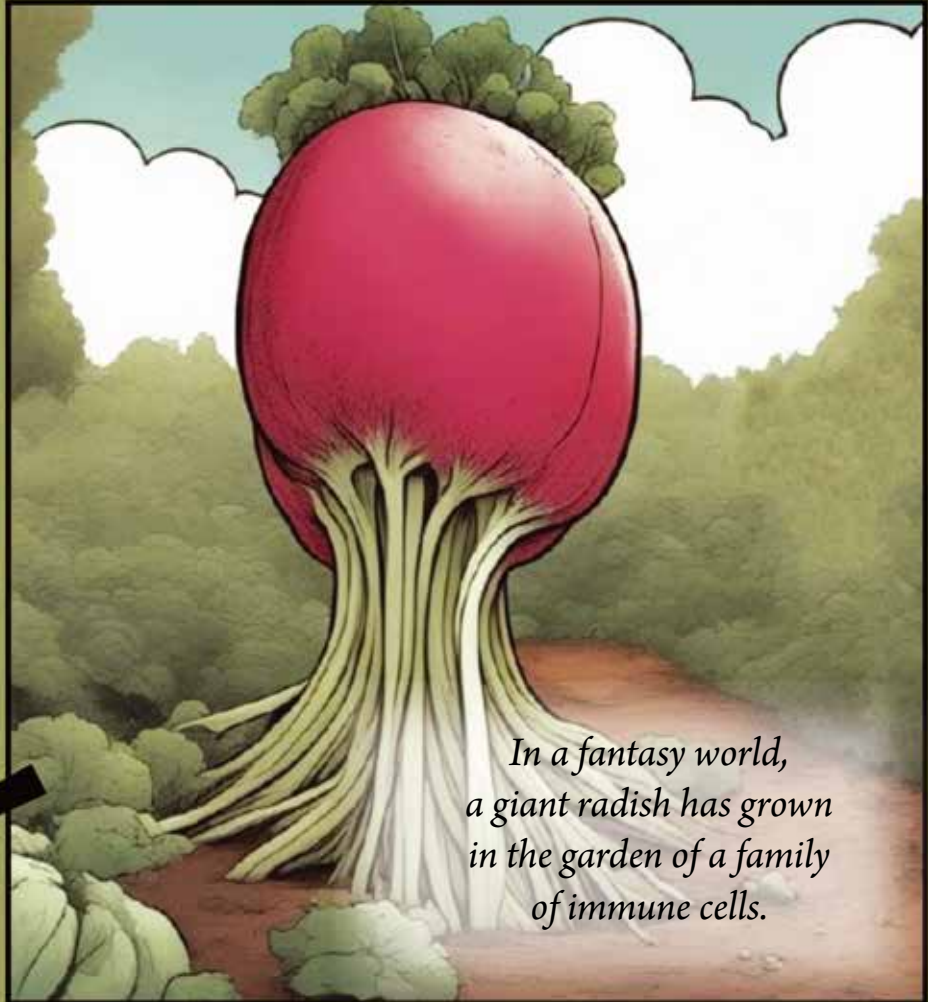


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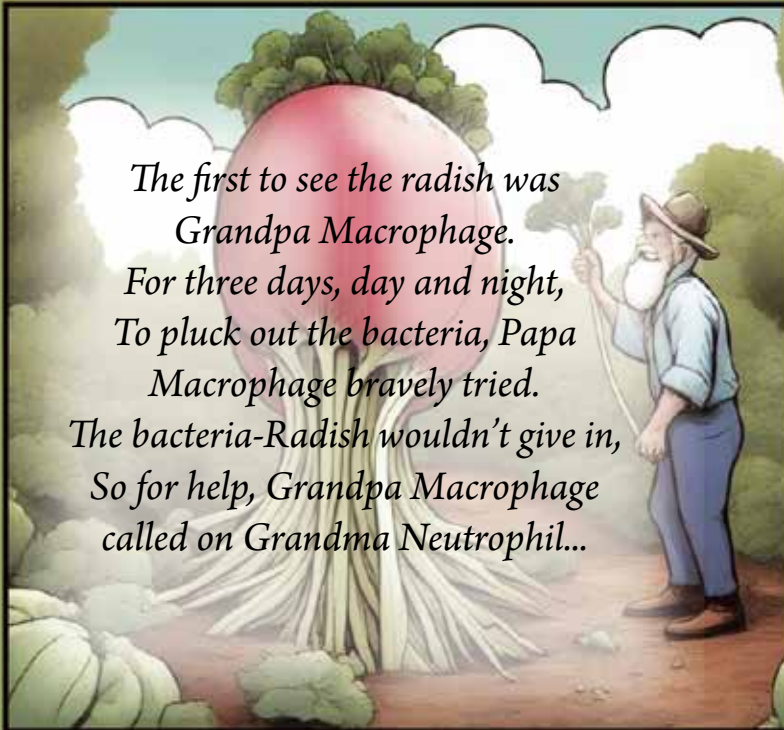
A STORY ABOUT ANTIMICROBIAL RESISTANCE

Chişinău, 2024



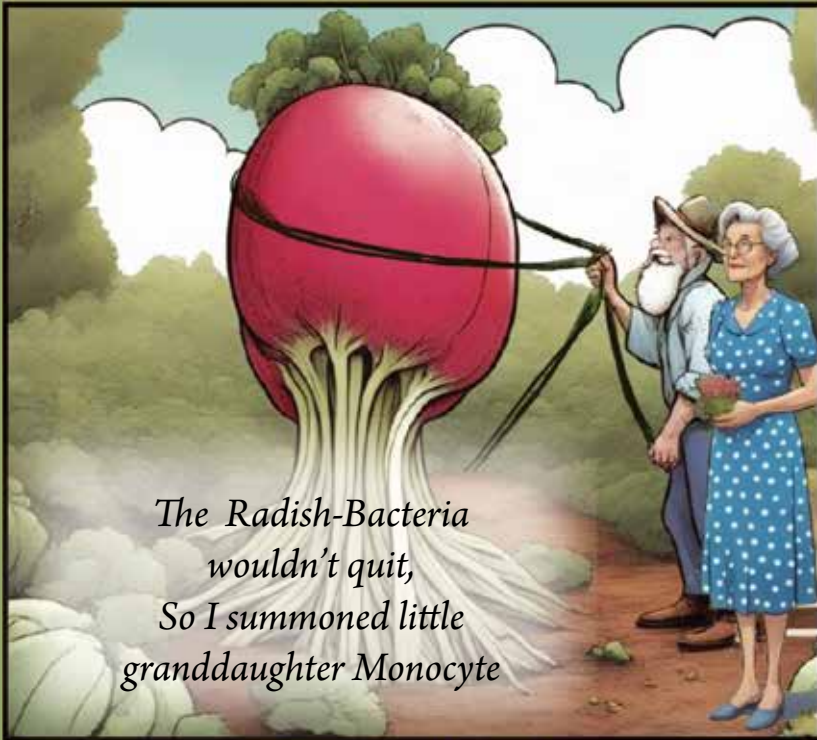


*In a fantasy world,
a giant radish has grown
in the garden of a family
of immune cells.*

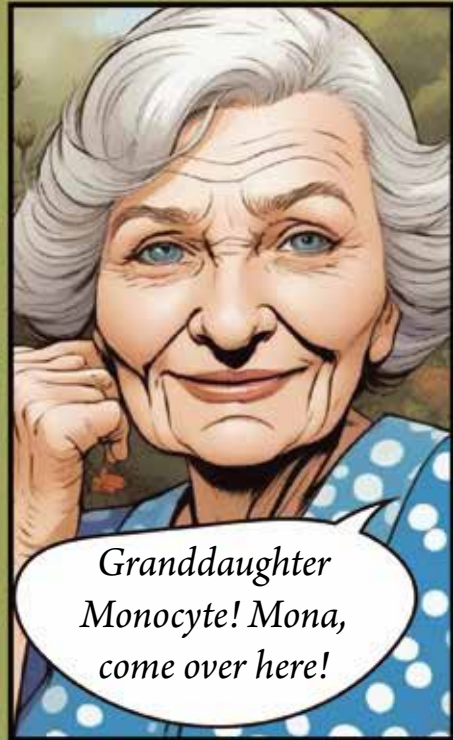


*The first to see the radish was
Grandpa Macrophage.
For three days, day and night,
To pluck out the bacteria, Papa
Macrophage bravely tried.
The bacteria-Radish wouldn't give in,
So for help, Grandpa Macrophage
called on Grandma Neutrophil...*





*The Radish-Bacteria
wouldn't quit,
So I summoned little
granddaughter Monocyte*

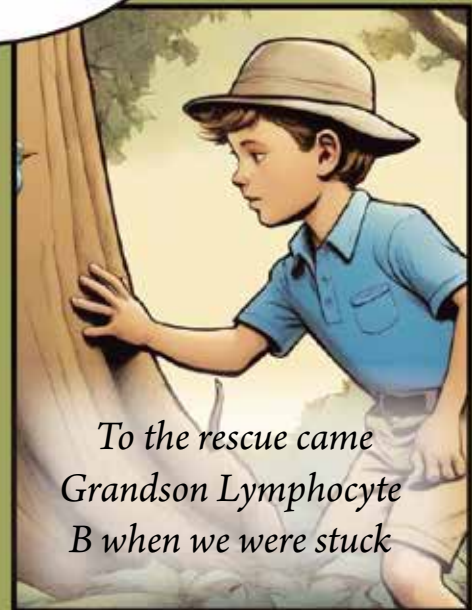


*Granddaughter
Monocyte! Mona,
come over here!*






*Not even on the fifth day
did grandparents and
I had any luck,*



*To the rescue came
Grandson Lymphocyte
B when we were stuck*



*We tried with all we've got,
The Radish-bacteria
couldn't be pulled out!
So even the Puppy T-lymphocyte
joined our crowd.*

The comic book panel features a large speech bubble at the top containing text. Below the speech bubble, the scene is divided into several panels. On the left, a close-up of a young boy with a tan cap and blue eyes shows a worried expression. The main right-hand panel depicts a garden where a man with a white beard and a woman in a blue polka-dot dress are looking at a large red radish. A young girl in an orange dress and the boy are also present. A bottom-left panel shows a happy Corgi puppy in a garden. A bottom-right panel shows a garden path with a fountain and a purple tree.

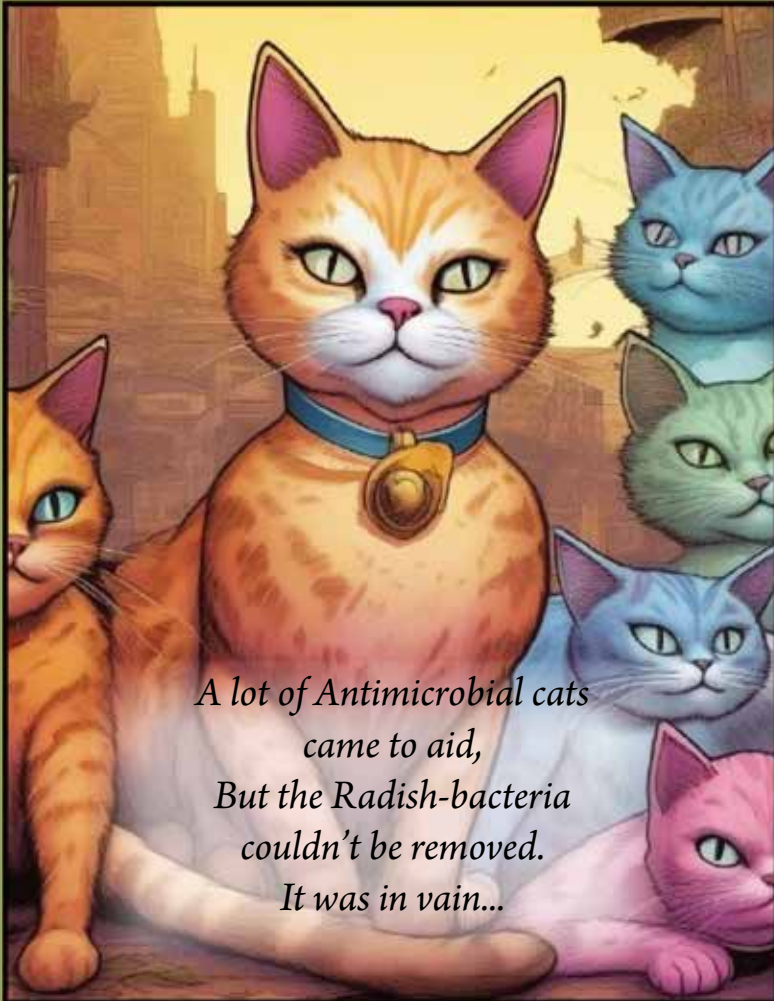


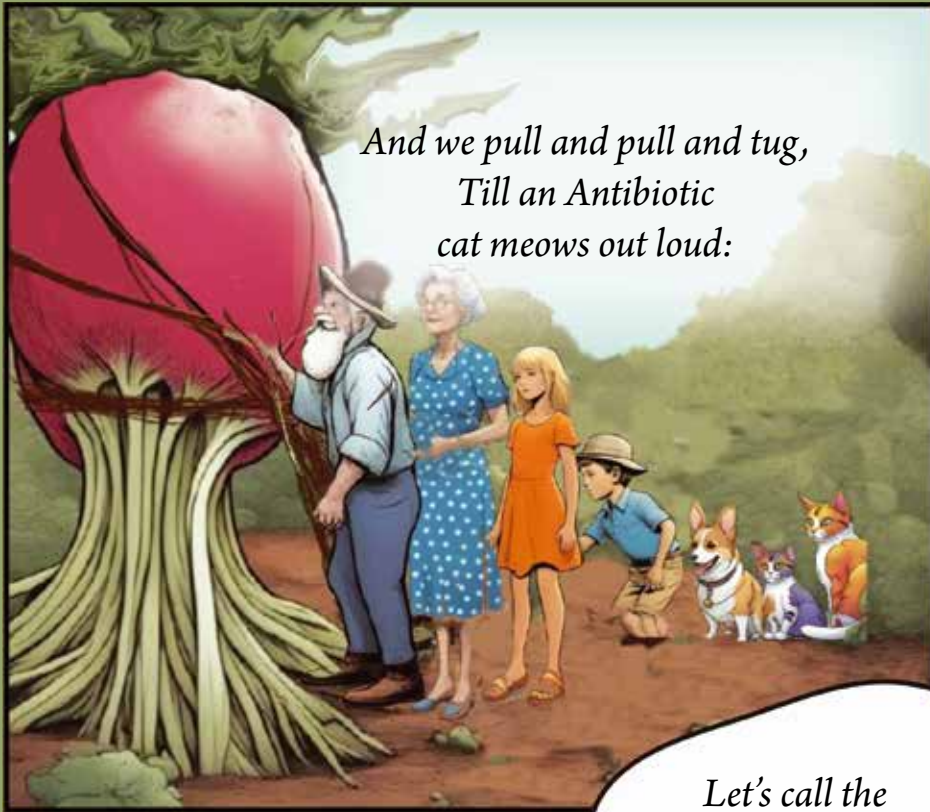
*After a week we got fed up
to fight with the Radish-bacteria.
No hope was left,
But the kitty Antimicrobial
came to lend a hand...*

Kitty Antimicrobial!

Yes!





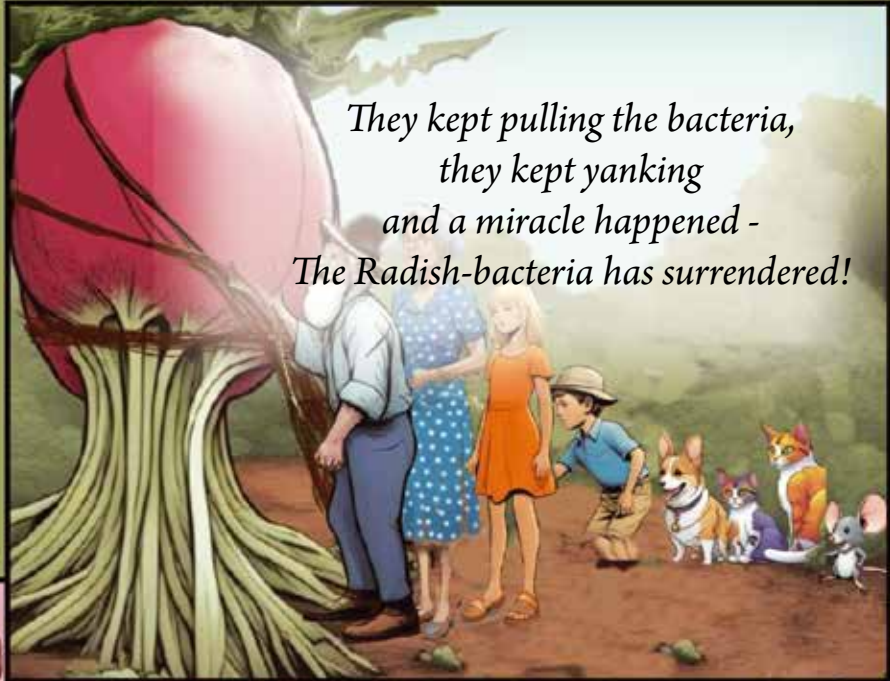


*And we pull and pull and tug,
Till an Antibiotic
cat meows out loud:*



*Let's call the
Bacteriophage-mouse!*





*They kept pulling the bacteria,
they kept yanking
and a miracle happened -
The Radish-bacteria has surrendered!*

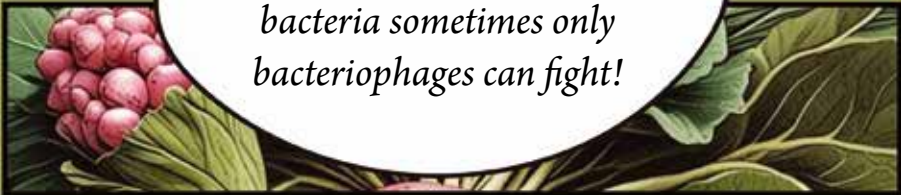




*Dear friends,
please bear in mind*



*Unfortunately, against resistant
bacteria sometimes only
bacteriophages can fight!*



Antibiotic resistance is the ability of bacteria not to be destroyed, or to continue their life cycle under the action of antibiotics that would normally eliminate them from the body. This phenomenon is one of the world's major public health problems, putting people's lives at risk. Antibiotics have lost their effectiveness against bacteria and scientists are looking for other methods, substances and organisms to reduce this phenomenon. Bacteriophages are the natural enemies of bacteria and are currently the most effective method to combat the antibioresistance, especially in combination with antibiotics. They are used to treat a long list of infectious diseases of the respiratory, digestive and urinary systems. Because bacteria are resistant to a growing number of antimicrobial agents, the medical system is turning to bacteriophages as a lifesaver.

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