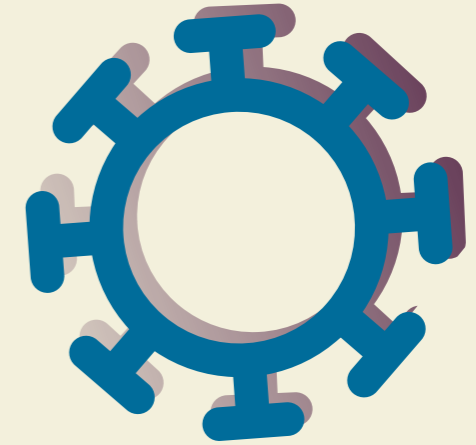
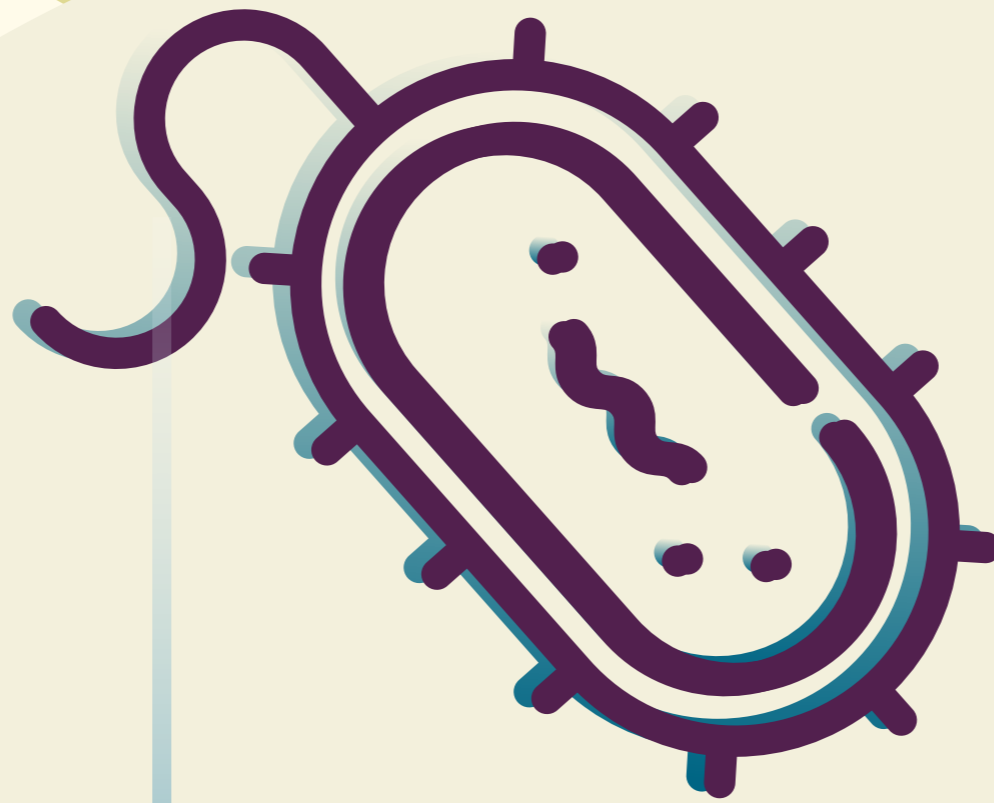
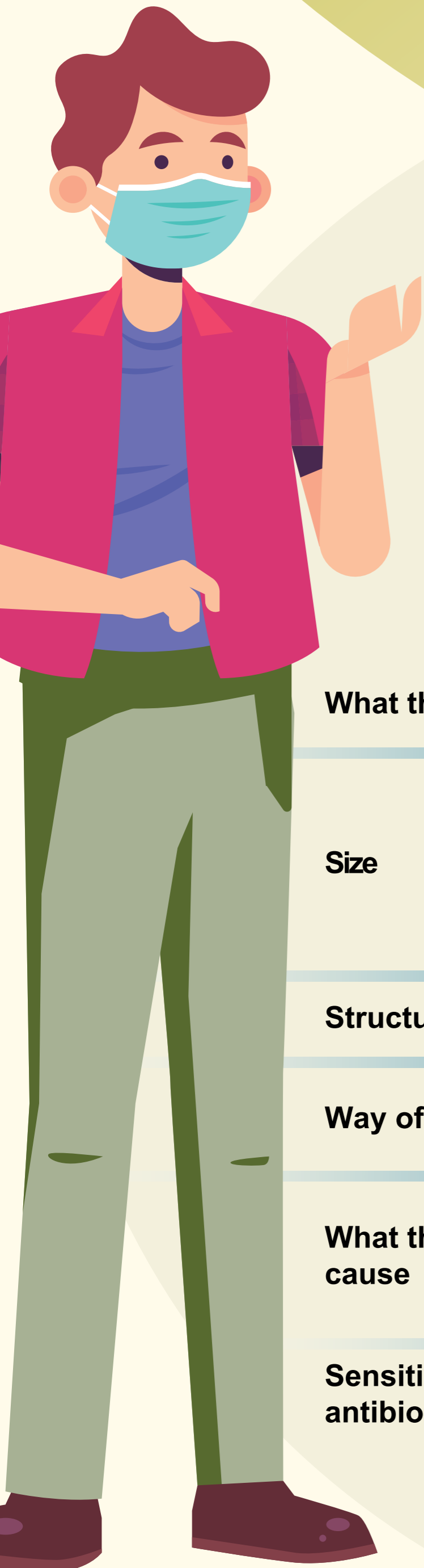


BACTERIA AND VIRUSES

The cause for numerous diseases, these microorganisms are completely different. Learn more about them:



BACTERIA

VIRUSES

What they are	They are living organisms.	They are not cells; they are infectious particles.
Size	Their diameter may range from 0.2 to 2 micrometers (unit representing 1 thousandth of one millimeter) and their length may vary from 2 to 8 micrometers. Invisible to the naked eye, except as formed by colonies of bacteria.	Their length varies from 20 to 1,000 nanometers (unit representing 1 millionth of one millimeter). Invisible to the naked eye. It is only possible to be viewed under the microscope.
Structure	They are organisms comprised of a single cell.	They are not cells; they are infectious particles.
Way of living	They are self-sufficient. They have their own metabolism and multiply by dividing themselves.	They need a host. They multiply with external help only.
What they cause	Diseases such as pneumonia, tuberculosis, tetanus, leptospirosis, gonorrhea, syphilis and leprosy.	The most fatal pandemics, epidemics and endemics over the last years, such as the coronavirus, ebola, HIV, measles, hepatitis, H1N1, dengue, herpes, mumps and yellow fever.
Sensitive to antibiotics	Yes	Yes