



Monarch butterflies

Adrianna

Dr. DeRoode
and Dr. Hunter
know all
about
butterflies
they are
butterfly
experts

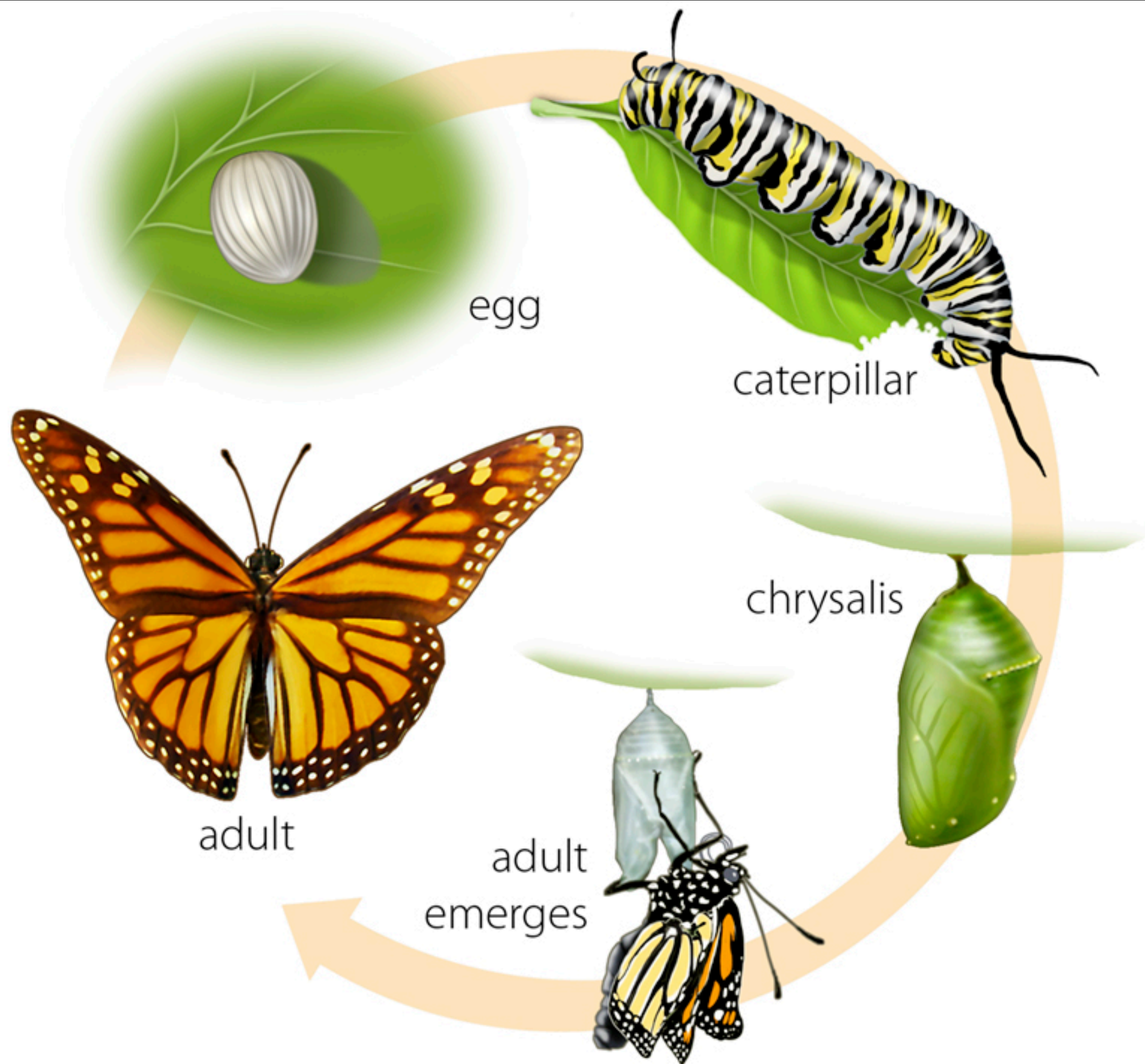


Dr.Hunter graduated from
the university of Michigan.

Dr.DeRoode graduated
from the university of
Emory.

Monarch butterflies get sick flu like symptoms and sometimes die, because they are too weak and don't develop. Larves are eaten by paper wasps, if they survive there chrysalis the monarch butterfly is too weak to open their wings. The "flu" is caused by parasites.





Mother butterflies that end up with the parasite choose to lay their eggs on only tropical milkweed plants Hunter and DeRoode discovered.

That plant has a poisonous chemical (cardenolides) that kills parasites by making the parasite cell leak plasma.



The cool thing about monarchs is that they have evolved so the poison does not hurt them but kills the parasites, and the monarchs seem to know how to use. It



The end