

By the end of this unit, students will be able to...

- Define zygote.
- Summarize the work of the following: Spemann, Briggs and King, Gurdon, and the Scottish team that cloned Dolly.
- Summarize why a jolt of electricity is necessary for cloning.
- State how many attempts it took to make Dolly the Sheep.
- Summarize the problems with Dolly and other early cloned animals.
- Define telomeres and state why they were relevant to the products of cloning.
- Explain how a clone and its original will compare.
- Explain why the first cloned cat did not look like the original.
- Take a stance on cloning and back it with evidence.