

CLONING



SUSAN HENNEBERG

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Dolly and Professor Ian Wilmut





Chapter 1

DOLLY THE SHEEP

The year was 1996.
A group met in Scotland.
They were there for a big event.
A lamb was being born.
Her name was Dolly.
She was not just any sheep.
Dolly was special.

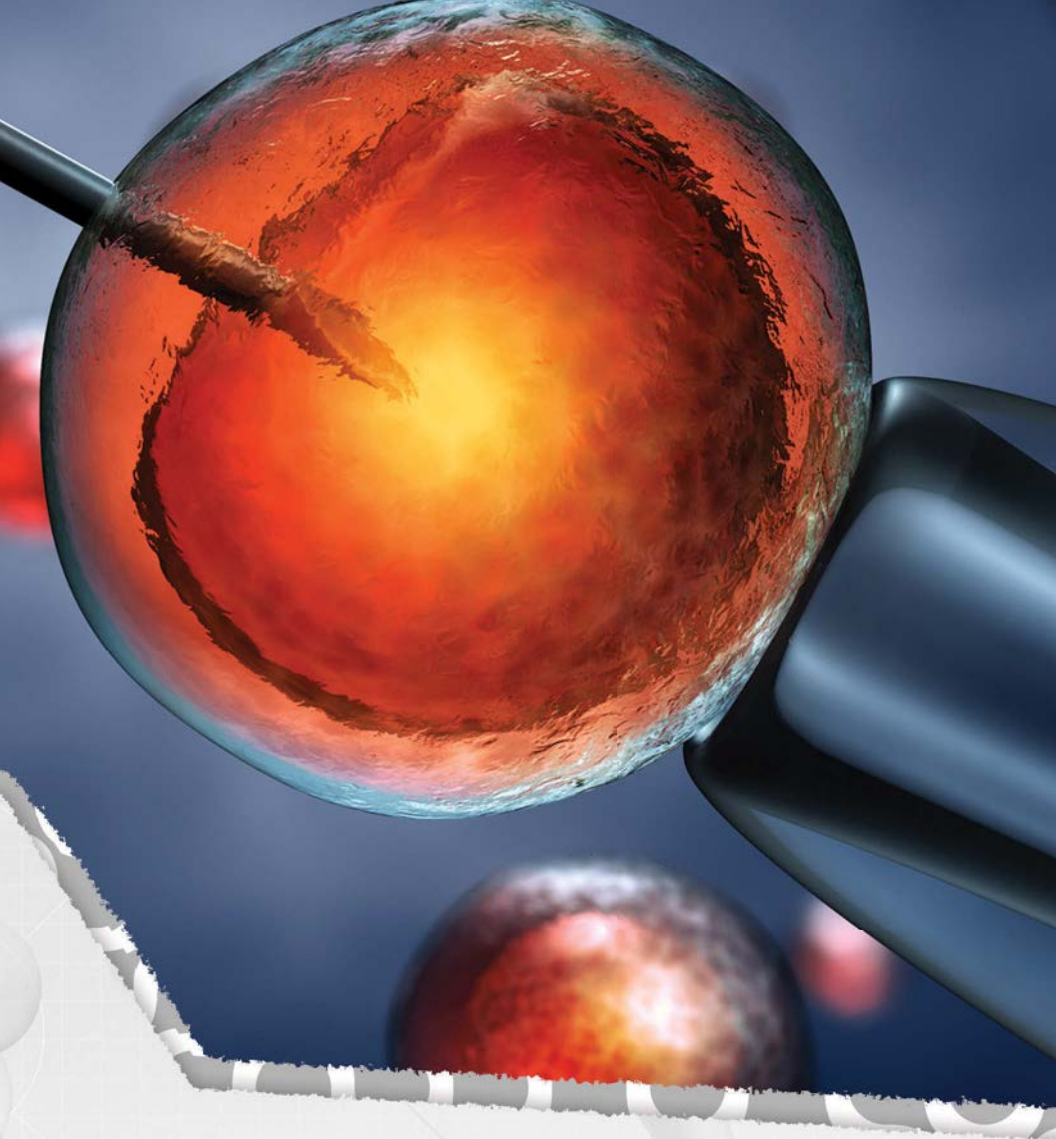
Most animals have two parents.
They have a mom and a dad.
Dolly did not.
She was a clone.

DO YOU COPY?

Dolly was named after singer
Dolly Parton.

A clone is a copy of something.
Sheep are living things.
How can they be copied?
It is not easy.

Scientists work with *cells*.
Genes are taken from one.
Then they are put into another.
Things can go wrong.
It took 277 tries to make Dolly.
She was the first cloned *mammal*.



Most sheep live for ten years.
Dolly only lived for six.
But she was a success.
Her story made big news.
It changed science forever.

Chapter 2

LIVING COPIES

A clone is a living copy.

What does this mean?

Think of a plant.

The plant has a stem and roots.

Cut the stem.

Then put it in dirt.

Roots start to grow.

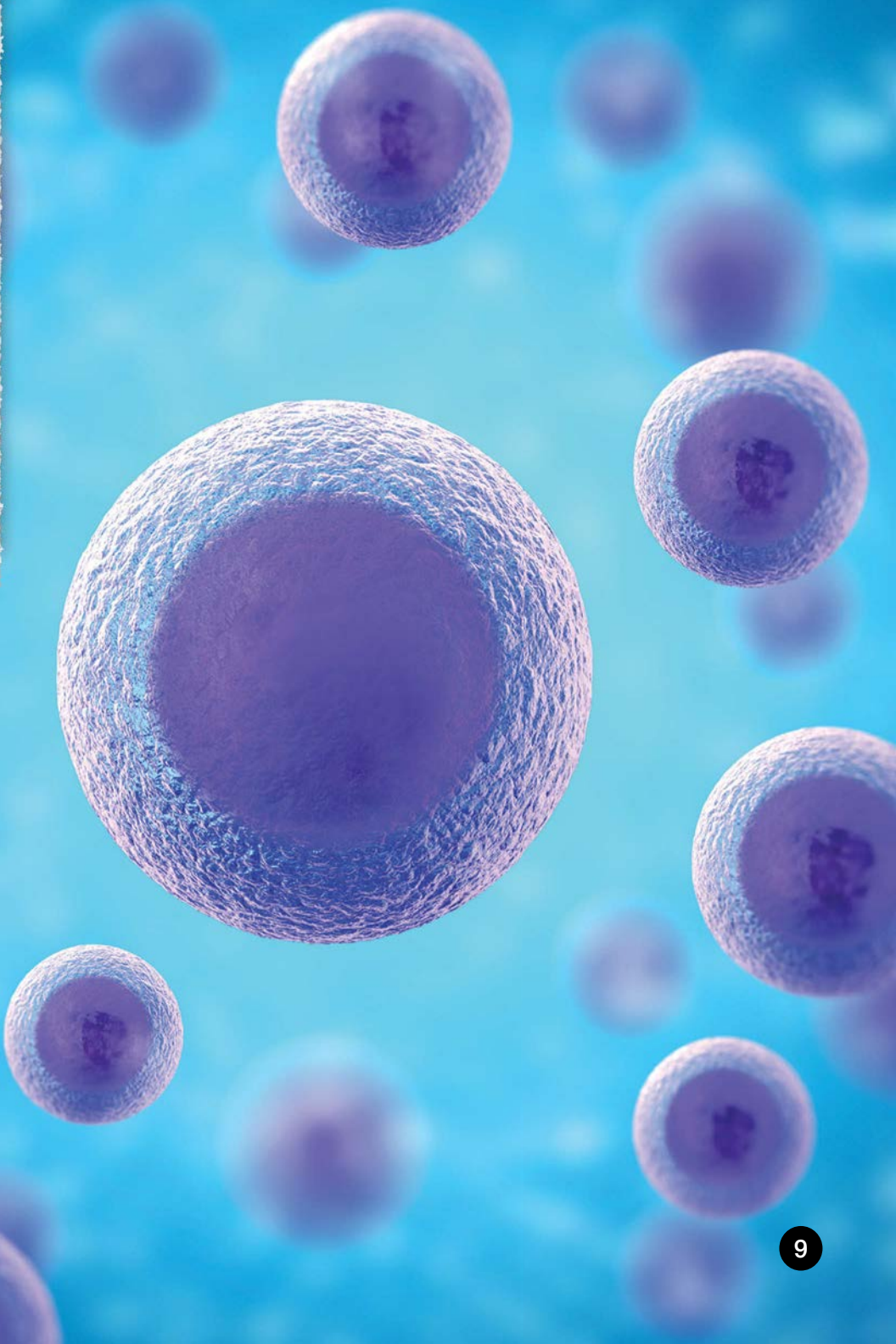
This is a new plant.

It is just like the first one.





Living things have many cells.
These are very small.
There are too many to count.
But it only takes one.
Then a copy can be made.



CLONING

What is a clone?

How are twins and clones similar?

What are the benefits of cloning?

How might cloning be dangerous?

Why hasn't there been a human clone?

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