

Questions for DQB in Growth and Development

How does DNA code for different parts of an organism?

Why do some eggs have a shell and some don't?

Why do some species not lay eggs and others do?

How does a *Planaria* live when it doesn't have eyes or a mouth anymore (we cut them off)?

Why can some animals regenerate and others can't?

Can humans regenerate at all? What cells do humans regenerate?

What are stem cells?

Why can some species clone and others can't?

Why do we (and other organisms) stop growing?

Why do some organisms get big and others not so big?

Why do some species live for a really long time and others do not?

Why do things die? And why are some things immortal?

How do cells know what to become?

How do cells know when to divide?

What's the difference between a heart cell and a gut cell?

What's the heart made of exactly before it actually becomes a heart?

Where does the matter and energy for growth come from?

May arise later when investigating caterpillar to butterfly metamorphosis.

How are a caterpillar and a butterfly the same thing?

How does an organism rearrange itself mid-life?

How does a plant know when to make the flowers?