

# 1 | Form and Function in Biodiversity

@alb's favourite thing: Axolotl

## 1.1 | Levels of cell organization

- Cells
- Tissues
- Organ
- Organ system
- Organism

### 1.1.1 | Single Cell Sequencing

1. Isolate single cells
2. Capture RNA for each cell
3. Load box?
4. Cluster the outputs using a clustering mechanism

(Remember that this is not a PCR reaction, b/c we are transcribing the all of the mRNA and not a segment.)

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- The fatty tissue helps the fish maintain mobility at low

sanger sequencing