



### **THESE ARE KEY:**

- **Transcription:** The process of copying DNA into mRNA by RNA polymerase.
- **Translation:** The process of decoding mRNA into a specific sequence of amino acids to form a protein, involving tRNA, ribosomes, and specific codons.

#### **Transcription Process:**

- **Initiation:**
- **Elongation:**
- **Termination:**
- **Final Product:**

#### **Translation Process:**

- **Initiation:**
- **Elongation:**

- **Termination:**

- **Final Product:**

### **EXTRA CREDIT**

From Johnson: Be able to completely name specific epithelial tissues (such as squamous stratified epithelium) when given specific locations in the human body (such as epidermis).

#### **Surface Epithelium**

- Simple:
  - Simple Squamous Epithelium:
  - Simple Cuboidal Epithelium:
  - Simple Columnar Epithelium:
  - Pseudostratified Columnar Epithelium:
- Stratified:
  - Stratified Squamous Epithelium:
  - Stratified Cuboidal Epithelium:
  - Stratified Columnar Epithelium:
  - Transitional Epithelium:

#### **Glandular Epithelium**

- Endocrine glands: hormones
- Exocrine glands:
  - Unicellular
    - Mucous cells & Goblet cells:
  - Multicellular
    - Merocrine:
    - Holocrine:

- Apocrine: