Ch 4 Muscular and Nervous Tissue/ Tissue Repair

**Muscle Tissue**-- General characteristics

* Highly \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Cells have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (bands)
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_ lie outside the cells
* Primary job is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ made of actin & myosin for contraction

|  |  |  |  |
| --- | --- | --- | --- |
| Type of Muscular Tissue | Description | Location | Sketch |
| Skeletal |  |  |  |
| Cardiac |  |  |  |
| Smooth |  |  |  |

**Nervous Tissue** – General characteristics

* Main component of the \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_
* Job is to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ body functions
* Made of 2 kinds of cells:
  + Neuron- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ impulses
  + Neuroglial- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ neurons

|  |  |  |  |
| --- | --- | --- | --- |
|  | Description | Location | Sketch of a neuron(Label axon, dendrite, cell body) |
| Nervous Tissue |  |  |  |

**Tissue Repair**

The body has external defenses to protect our tissues. They are:

1.

2.

3.

When injury occurs, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (quick, nonspecific) and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (slow, specific) responses are triggered.

Inflammation is indicated by \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, & \_\_\_\_\_\_\_\_\_\_\_\_\_

**Tissue Repair**

|  |  |
| --- | --- |
| **Body’s Response to Injury** | **What happens** |
| Inflammatory Response |  |
| Organization |  |
| Regeneration |  |