

Introduction

- → We are right in the middle! (of time and space)
- →So far we have covered aspects of neuroscience that were less focused on during the lectures: neuroscientific methods and experiments
- → Today we will:
 - → Cover "looking for neurosci info" homework that you will have
 - → Conduct a short "we are neurons" experiment
 - → Refresh and discuss neurons and neuronal communication

Homework

- → Each of you will have to find 2 studies (scientific papers) on some topic and post the topic along with links to studies on github (by Friday!)
- → From all these studies I will pick one that all of you will have to read (by Saturday) and which we will discuss on our next meeting
- →I started showing you last time how to do it, today I will show you more, along with how to generally read a neuroscientific paper

Resources

- → For general information:
 - → Wikipedia
 - → Scholarpedia
 - → Review papers
- → For more specific things:
 - → Science daily
 - → Neuroscience news

Resources

- → Looking for papers:
 - →Google scholar
 - → Science Direct
 - → Pubmed

Selecting and reading the paper

- → Have a look at the abstract first to get the overview
- →Introduction will help you understand the broader context of the study what we do and do not know and why we would like to know what the study tries to tell us
- →Introduction is a useful tool for looking for important papers in the specific field
- → Discussion gathers up study results into something meaningful interprets what the data in this and other studies tell us

DEMO

Let's go hunting for papers! ©

"We are neurons"

- → Psychologically speaking we are built from neurons
- → Neurons pass information between each other they are arranged into whole networks
- → We will too we'll arrange ourselves into a circular network and see how fast a simple impulse travels through such network
- → We have already covered basics of science in neuro-field, so we will approach like scientists do we will measure and test

























