

Questions and suggestions for reading Kruijver et al.,

In class, I discussed that were the important points to be gleaned from each section of a scientific report. In addition, here are just a few things to help you reading this paper.

1. Prior to this study, what was already known about mamillary body complex described in this report?
2. orchidectomy/orchiectomy = castration
3. In the section labeled “staining specificity” they are trying to make sure that their antibody is sticking well and ONLY sticking to the androgen receptor and that the staining is only picking up the antibody stuck to the androgen receptor.
4. ANOVAs are statistical tests to evaluate differences between more than 2 groups of subjects.
5. AR-ir stands for androgen receptor immunoreactivity, that is, what they measured – antibody stuck to androgen receptor.
6. What arguments do the authors make about how these results help us understand human sexual differentiation?