MODELING BIOLOGICAL SYSTEMS

INSTRUCTIONS FOR THE TWO EXAMS: PRESENTING AND WRITING SCIENTIFIC WORK

I - Presenting a scientific paper (oral exam)

Your exam will consist of orally presenting a scientific paper of your choice. The goal is to understand as much complex information as possible from a scientific article, then synthesize and share the core information with a 4th year engineering school audience.

The paper of your choice has to describe a (or many) biological system model(s), ideally concerning a disease.

1. Start choosing your article. Make sure it is different from the ones chosen by your colleagues. When you choose your article, please email me the web link to the PDF or the PDF itself (not only the title). **Be careful because the deadline for the final choice of your article is Sunday, October 30 (23:59), meaning that you have to send me the web link before that date**.

2. Prepare your slides. This presentation has to fit in 3 to 5 slides, cover slide excluded. A generic presentation contains:

• a cover with the title and the name of the presenter,

• an introduction/context of the problem discussed,

• the way it has been studied (materials and methods),

• the main results obtained,

• the conclusions.

3. **Upload the presentation in a PDF format by Monday, November 7, 2022 (23:59)** on DeVinci Brightspace (« pigeonnier de devoirs ») in the *PDF presentation for the oral exam day* section.Please do not send this presentation after the deadline because it will not be accepted on exam day.

4. On Wednesday, November 9, you will have the oral exam (not graded). This will be the chance for each of you to practice your presentation and have feedback. You will have **4 minutes, not more, so please practice before**. The order of presentation will be random. Make it interesting and fun !

5. By Sunday, November 20, 2022 (23:59), you will **upload a recorded video of you presenting the final version of your presentation** (including my feedback) on the DeVinci Brightspace (« pigeonnier de devoirs ») in the *Final video record : presenting a scientific paper* section. . This will allow you to improve your presentation skills at home. Remember that most conferences or webinars nowadays require a video recording of you presenting your work.
Your video record can be made with Zoom, PowerPoint, Wondershare (Democreator) … or any software that allows you to record both your camera and your slides.

Good luck !

II - Writing an article for the scientific community

All the guidelines are written in your Tutorial 2 on Brightspace. **The deadline has been extended to Sunday, November 20, 2022 (23:59)**. Please upload it on the DeVinci Brightspace (« pigeonnier de devoirs ») in the *Writing an article for the scientific community* section, before this date.