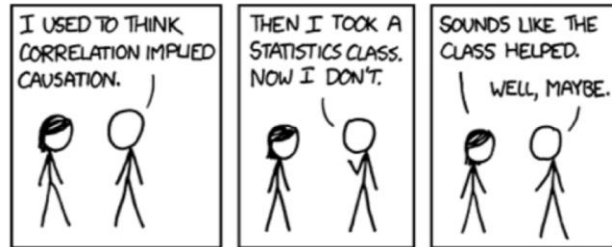# PhD Program: Common Core

Session 1: Oct 21ˢᵗ , 2024 (9h30 - 16h00)
Session 2: February 2025 (9h30 - 16h00)
Location: Retrovirus room (Lwoff building)

Content: list of courses and conferences

1. **General information** *Emeline Perthame, Emmanuelle Permal, Marvin Albert*
   - Organization of the courses
   - Presentation of B&B and IA Hubs
   - Assess you background in statistics: some quizzes about statistics
2. **Experimental Design** *Vincent Guillemot*
3. **Introduction to computer science** *Nicolas Maillet*
4. **Reproducibility** *Frédéric Lemoine*

Morning	
9:30	**Welcome and Introduction**
9:45	**Quizz (R and basic stats)**
10:00	**Experimental design (VG)**
11:00	**(Coffee) Break**
11:15	**Quizz (Hypothesis testing)**
11:30	**Reproducibility (FL)**
12:30	**Lunch break**

Afternoon	
14:00	**Quizz (Linear Models)**
14:15	**Introduction to computer science (NM)**
15:30	**Quizz (Multivariate analysis)**
15:45	**Conclusion, Questions**
16:00	**End of the day**