GROUPE C - BIOLOGICAL AND CHEMICAL RISKS (Section 3)

STEP 1: UNDERSTAND YOUR SECTION

Answer these questions:

1. **Main concern:** What can AI potentially help novices create?

    → _____

2. **What companies did:** Companies like Anthropic released models with _____ safety

    measures. Why?

    → Because they could not _____ the possibility that AI could help create

    biological weapons.

3. **AI "co-scientists" can now:**
    - Provide detailed _____ information
    - Assist with complex _____ procedures
    - Design _____ and _____

4. **Key question:** Can AI help MORE than just browsing the internet for bioweapon

    information?

    → The report says: some studies suggest AI can provide help in _____

    _____, but more work is needed.

5. **The DILEMMA for politicians:** These same AI capabilities can be:
POSITIVE: Speed up discovery of new _____ and _____ of

    disease.

    NEGATIVE: Help create _____

6. **The difficult choice:** Complete:

    "whether to _____ those tools or to actively _____ their

    development for beneficial purposes"

7. **Your opinion:** Should biological AI tools be restricted? Or should they remain open?

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STEP 2: RESEARCH

Your task: Find information about AI in biology/medicine

What to search for:
- AI helping discover new drugs or vaccines
- Regulations on biological research
- Historical examples of biological weapons
- AI tools in medical research

Suggested searches:
- "AI drug discovery 2025"
- "AI protein design examples"
- "biological weapons risks"
- "AI medical research benefits"

Take notes:

Source (website/video)	Date	Main information	How it connects to your section

STEP 3: PREPARE PRESENTATION

Introduction (30 sec):
- Topic: AI and biological/chemical risks
- Why this creates a dilemma

Main points (2 min):
- What AI can do in biology now (design molecules, proteins)
- The danger: helping create bioweapons
- The benefit: discovering new drugs, diagnosing diseases
- Companies' response: heightened safety measures

Your research (1 min):
- Example of AI helping medicine (positive)
- OR example of biological risk (negative)

Debate question (30 sec):
- "Should AI biological tools be open to everyone or restricted to experts only?"

DEBATE QUESTIONS
1. Who should control access to biological AI tools? Governments? Companies? Universities?
2. Is the risk of bioweapons worth the benefits for medicine?
3. Can we trust safety measures from AI companies?
4. How does this connect to cybersecurity? (Think: who might steal this AI?)