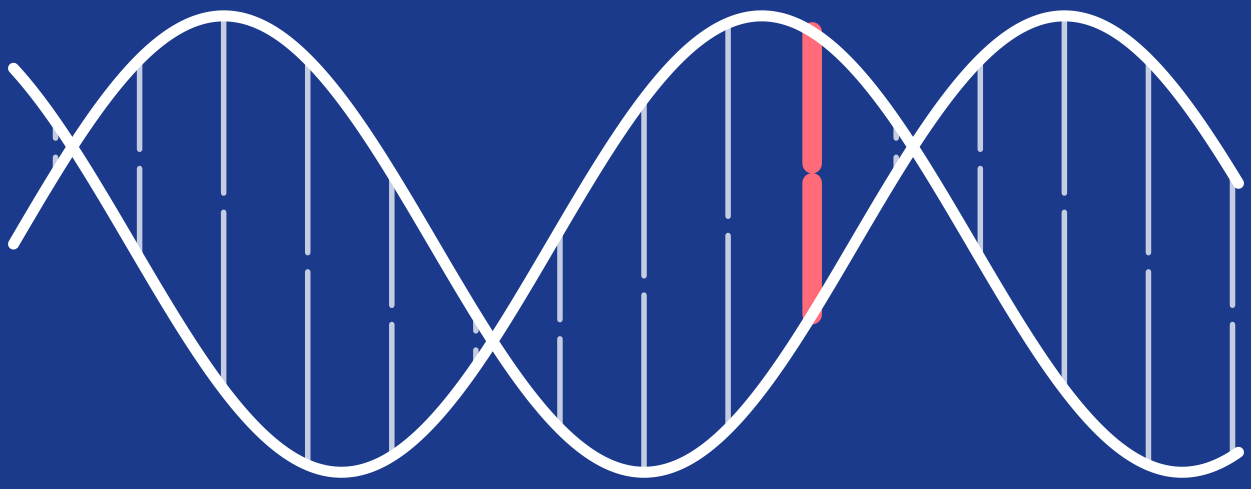
IMedC

International Medicine Competition 2027

Vision & Mission

Plate IV The DNA double helix, one base pair marked



Competition
IMedC 2027

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1 Vision and Mission

Medicine is where biology, chemistry and human life meet. Understanding how the body works, what goes wrong in disease and how treatments act allows doctors and researchers to prevent suffering, cure illness and keep people healthy. Our society urgently needs talented doctors, pharmacists, nurses, researchers and public health experts to care for people and to solve the medical challenges of tomorrow.

The International Medicine Competition offers students a platform to challenge their reasoning, explore the medical sciences, and go deeper than the standard school curriculum. We believe that blending education with friendly competition can inspire students to develop a lasting passion for medicine, help them find out if medicine is for them before they apply to study it, and potentially lead them to fulfilling careers in medicine, research and healthcare.

The International Medicine Competition aims to be accessible to all students from all countries, regardless of their background, school or institution. All you need is a pen, paper and an internet connection to join.

2 What makes IMedC unique?

While competition is part of IMedC, our core mission is to foster genuine engagement with medicine, sparking curiosity and encouraging further exploration of medicine and related sciences. IMedC is a learning journey, enabled by diverse problem formats that deepen a student's understanding through application. Key aspects that distinguish IMedC include:

- **Internationality**: From the very first round, IMedC is a truly global event. All participants tackle the same challenges, ensuring fair assessment and fostering international connections.
- **Digital Accessibility**: We use the internet to open participation to students everywhere, regardless of geographic location or school affiliation. While teacher guidance is beneficial, motivated individuals can participate independently from anywhere.
- **The Breadth of Medicine**: The problems cover nine areas: anatomy; physiology; biochemistry and genetics; pathology; pharmacology; microbiology and immunology; neuroscience; epidemiology and public health; and medical ethics.
- **Reasoning, not Memorising**: IMedC problems are built on diagrams, data and cases. You work out where blood goes through a hole in the heart, or what a trial result really means, instead of reciting facts.
- **Real-World Research**: Bridging the gap between school and current research is vital in a field that changes as fast as medicine. In the Semi-Final Round you work with a real medical research paper, for many participants their first contact with actual medical research.

- **Scaling Difficulty Levels**: Our problems are designed to engage both experienced enthusiasts and students who are just beginning to explore medicine beyond the classroom. The difficulty ranges from approachable problems that reinforce foundational concepts to advanced challenges that require deeper analytical thinking.
- **Online Tools for Educators**: We equip teachers and schools with resources and support. A dedicated teacher account allows teachers to follow results and certificates, pay Semi-Final Round costs for a group, and supervise the Semi-Final Round exam.
- **Local Communities & Representatives**: IMedC encourages the formation of local student groups focused on medicine. Our Representative Program empowers motivated students to inspire peers, organize local events, and build communities around a shared interest in medicine.