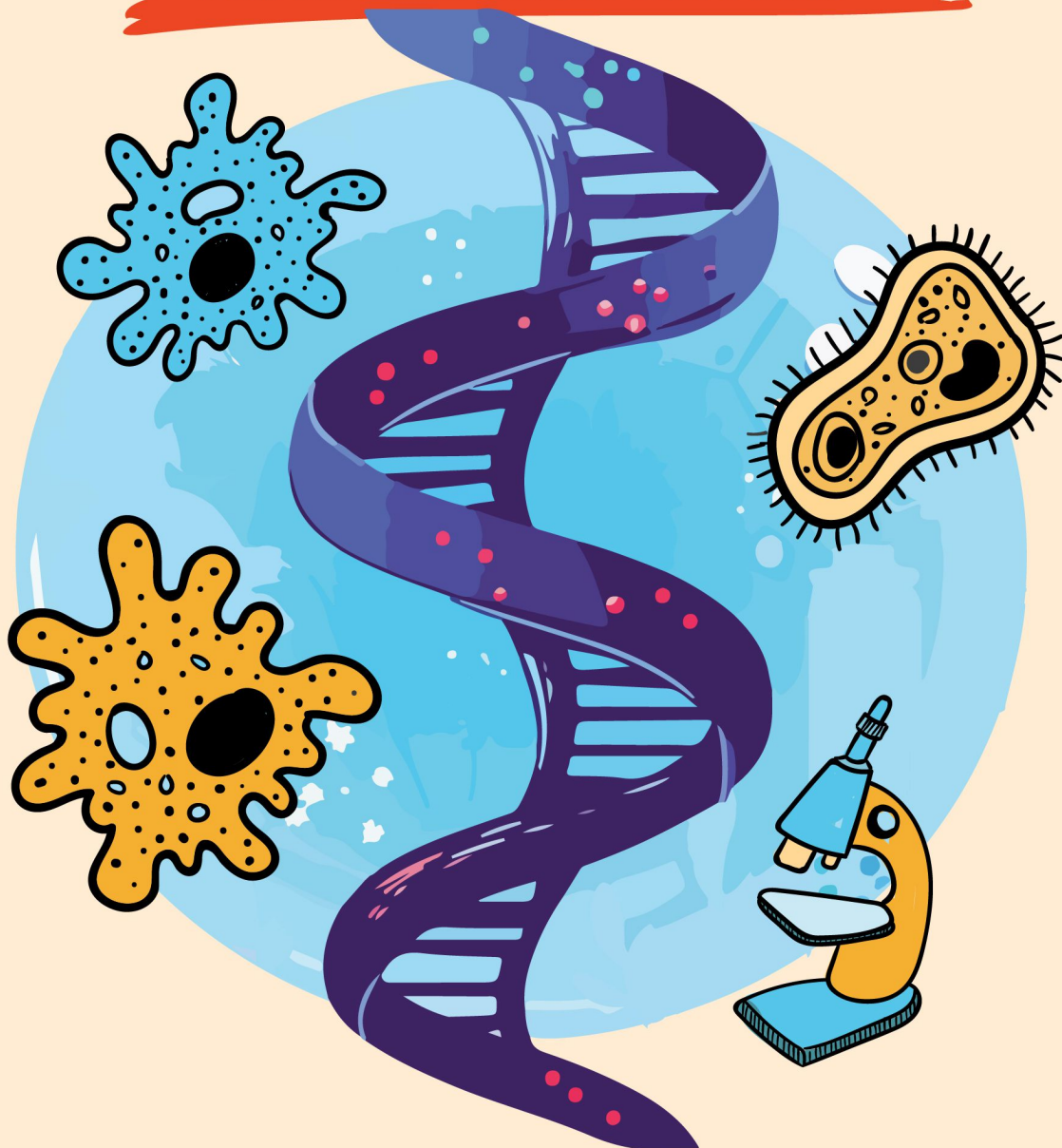




INFORMATION PACK

BIOLOGY

EXPLORER COMPETITION



COMPETITION DAY

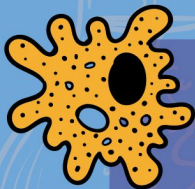
9th NOVEMBER 2025



MALAYSIAN BIOLOGY OLYMPIAD



<https://mybo-olympiad.my>



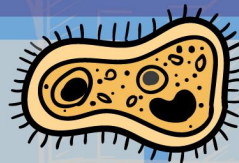
Introduction

The Biology Explorer Competition is an annual online, national-level school competition that introduces general knowledge about the study of Biology and life science. Primary and secondary school students from all over Malaysia are invited to participate. The aim of this competition is to instill interest in Biology and provide exposure to students in this field.



Objectives

- To identify, inspire, empower, and support the next generation of leaders in life science fields.
- To provide students with the opportunity to apply their inquiry-based life sciences, honed through extracurricular activities, in real-world scenarios.
- To equip students with Higher-Order Thinking Skills (HOTS), preparing them to tackle future challenges in the ever-evolving global life sciences landscape.



Who Should Participate?

Primary students

- **Public School**
Standard 4 up to Standard 6
- **International School**
Year 4 up to Year 6

Secondary students

- **Public School**
Form 1 up to Form 5 and Pre-University
- **International School**
Year 7 up to Year 12 and Pre-University

Benefits for Students

- **1. Malaysian Biology Olympiad (MyBO)**
 - The top 10% from the secondary category (13 - 18 years old) based on current year of International Biology Olympiad (IBO)
 - Paper-based exam
- **2. National Selection Camp**
 - The top 15 to 20 students from MyBO
 - Online training camp
 - Final selection test
- **3. National Training Camp**
 - The best 4 students from selection camp
 - Physical training camp
- **4. International Biology Olympiad (IBO)**
 - The best 4 students will participate in the IBO

Competition Format



Method
Online



Answering Time
1 hour and 15 minutes



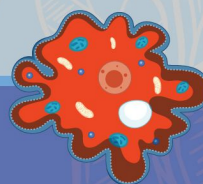
Necessity
Stable internet connection & scientific calculator

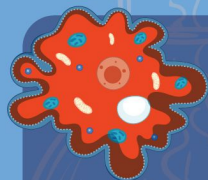


Questions
30 objective questions



Language
English & Bahasa Malaysia





THE INTERNATIONAL BIOLOGY OLYMPIAD (IBO) 2025

The International Biology Olympiad (IBO) 2025 was held from July 20 to 27 in Quezon City, Philippines, bringing together over 300 of the world's brightest biology students from nearly 80 countries. Malaysia's participation began with the Biology Explorer 2025 competition, an online event open to Standard 4 to 6 students nationwide, which served to identify promising young biology talents. From there, the top 20 students from the Malaysian Biology Olympiad (MyBO) were selected to attend the National Selection Camp. The best four students from this camp, who are Hee Wen Kai, Goh Jun Thean, Wong Pin Hao, and Valiant Bong Song Zhe, were chosen to represent Malaysia at IBO 2025. Throughout the preparation and competition, the Malaysian team was supported by dedicated coaches and a team leader who oversaw their progress and liaised with the event organizers.

During the week-long event, participants faced rigorous theoretical exams, practical laboratory tasks, and engaging masterclasses covering a broad spectrum of biology topics, including biomedical sciences, cell and molecular biology, ecology, systematics, microbiology, as well as emerging fields like bioinformatics and computational microbiology. The Malaysian team actively took part in workshops, cultural exchanges, and visits to local universities, enriching their knowledge and international experience. The team leader played a pivotal role in coordinating activities, monitoring the students, and confirming exam results alongside other international team leaders.

international team leaders. Malaysia's students demonstrated commendable performances, earning a Silver Medal (Hee Wen Kai) and a Bronze Medal (Goh Jun Thean), while the other team members received certificates of merit for outstanding participation. The medals reflected the effectiveness of the rigorous national training and selection process. Overall, IBO 2025 not only challenged the students' scientific knowledge and skills but also fostered global camaraderie and professional growth, as Malaysia proudly showcased its talent on the international biology stage.

Primary

Syllabus

Secondary



- 💡 Living Things and Non-Living Things
- 💡 Humans
- 💡 Animals
- 💡 Plants
- 💡 Microorganisms
- 💡 Interaction Among Living Things

- 💡 Cell Biology
- 💡 Human Biology
- 💡 Plant Biology
- 💡 Reproduction and Development
- 💡 Genetics and Evolution
- 💡 Ecology and Environmental Science
- 💡 Plant Biology
- 💡 Laboratory Rules and Safety

Competition Procedure

- 🌐 Registration should be done by the person-in-charge at <https://contesthub.my/register>
- 🌐 Fill in the required information and provide each student's unique email address
- 🌐 Complete the payment
- 🌐 The competition manual, username, and password for participants will be provided in Contesthub a few days before the competition day
- 🌐 During the competition, the person-in-charge must conduct it in a suitable place, and it must be invigilated by the person-in-charge
- 🌐 The Person-in-charge is responsible for enforcing the standard regulations of the competition
- 🌐 The results will be announced in November 2025
- 🌐 The e-certificate will be provided in the Contesthub

Awards & Certificate

Each participant will receive a certificate of participation. Awards will be given to the top scorers according to the percentages as shown below. The awards are symbolic and not an actual medals.



Will receive a
Gold, Silver or Bronze
Award Certificate



Will receive an
Honorable Mention
Certificate



Will receive a
Certificate of
Participation

Important Dates

Registration
Open

4th
AUG
2025

Registration
Close

15th
OCT
2025

Competition
Day

9th
NOV
2025

Result
Announcement

17th
NOV
2025

Registration
Fee

Join under a school

RM **40**
per student

Join as an individual

RM **60**
per student

How to Register?

Registration can be made at

<https://contesthub.my/register>



Contact Us



MALAYSIAN BIOLOGY OLYMPIAD (MyBO)

c/o ARDENT EDUCATIONAL CONSULTANTS SDN BHD

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Malaysian Biology Olympiad