



Republic of the Philippines  
**Department of Education**  
REGION VIII - EASTERN VISAYAS

**Advisory No. 108, s. 2024**  
**August 20, 2024**

In compliance with DepEd Order (DO) No. 8, s. 2013  
This advisory is issued not for endorsement per DO 28, s. 2001,  
but only for the information of DepEd officials,  
personnel/staff, as well as the concerned public.  
(Visit [deped.in/region8.deped.gov.ph](http://deped.in/region8.deped.gov.ph))

**29<sup>TH</sup> BIOSCIENCES QUIZ BEE OF THE UP MOLECULAR BIOLOGY AND  
BIOTECHNOLOGY SOCIETY (UPMBBS)**

Attached is the letter from the UPMBBS, dated August 19, 2024, announcing  
the conduct of the 29<sup>th</sup> Biosciences Quiz on November 23, 2024 at School of Statistics  
Auditorium, University of the Philippines - Diliman, Quezon City.

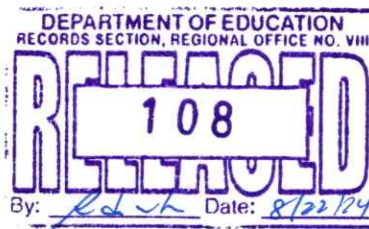
The target participants are junior and senior high school learners with the  
teacher-coach, from both public and private schools.

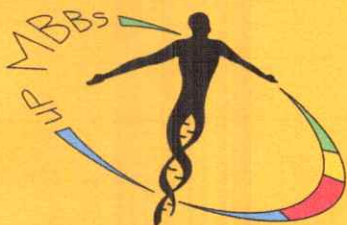
Participation of both public and private schools shall be subject to the *no-  
disruption-of-classes policy* stipulated in DepEd Order No. 9, s. 2005 titled *Instituting  
Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith*.

See the attached letter for more information.

Considering that this is an Advisory, Schools Division Superintendents are  
given the discretion to act on this matter.

CLMD-RRT





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AY 2024-2025

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## UP MOLECULAR BIOLOGY AND BIOTECHNOLOGY SOCIETY

Promote. Enhance. Express.

National Institute of Molecular Biology and Biotechnology  
National Science Complex College of Science, University of the Philippines  
Diliman, Quezon City 1101

19 August 2024

**Dr. Evelyn R. Fetalvero**  
Regional Director  
Department of Education – Regional Office VIII  
Gov't. Center, Candahug, Palo, Leyte

Dear Director Fetalvero:

The **UP Molecular Biology and Biotechnology Society (UP MBBS)** is a duly recognized academic student organization based at the National Institute of Molecular Biology and Biotechnology, College of Science, University of the Philippines Diliman. We aim to promote science and technology, especially molecular biology and biotechnology, among the Filipino public.

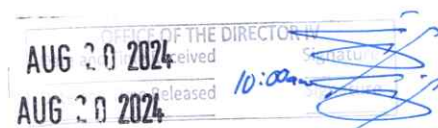
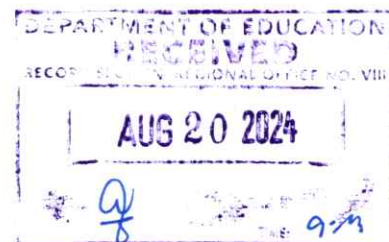
With this objective in mind, our organization will hold the **29<sup>th</sup> Biosciences Quiz Bee**, an event open to both public and private high schools in the Philippines. The quiz bee aims to challenge students in terms of their theoretical knowledge and problem solving skills in molecular biology and biotechnology, biology, chemistry, physics, mathematics, and earth science. More than two hundred students join the quiz bee annually. Last year, 36 participating teams from schools all over the country joined the 28<sup>th</sup> Biosciences Quiz Bee. This year's quiz bee will be held on **November 23, 2024** at UP Diliman.

In line with this, we would like to request the issuance of an **Advisory from the Department of Education – Regional Office VIII regarding the 29<sup>th</sup> Biosciences Quiz Bee**. A DepEd Advisory would allow for the easier dissemination of information regarding our event and help us widen our reach, especially among public high schools in Region VIII. Please find the attached relevant documents pursuant to the requirements for the said Advisory:

- (1) the general information/entity profile of our organization,
- (2) our certification as a duly recognized, university-registered student organization,
- (3) a detailed description of the activity to be conducted, and
- (4) a list of activities previously hosted by UP MBBS.

We hope for your favorable response in helping us reach out to more high school students in the spirit of fostering academic excellence and love for science and technology.

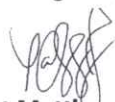
For any concerns, please reach us through the contact information listed below.



19 AUG 2024



Kindest regards,



**Albert Matthew Pasigui**

*Event Co-Head*

Email:

biosciences.mbbs.upd@gmail.com/

ampasigui@up.edu.ph



**Illyssa Juliana Kong**

*Event Co-Head*

Email: iakong@up.edu.ph

Noted by:



**Jose Enrico H. Lazaro, PhD**

*Faculty Adviser*



OFFICE OF STUDENT PROJECTS AND ACTIVITIES  
University of the Philippines Diliman  
3F Student Union Building  
UP Diliman, Quezon City  
Directline: 8981 8671, 8981 8672  
Email: ospa.upd@up.edu.ph.

## *Certificate of Registration*

This certifies that the

# **Molecular Biology and Biotechnology Society**

has been accredited as a UNIVERSITY REGISTERED ORGANIZATION

by the Office of Student Projects and Activities (OSPA), University of the Philippines Diliman, for the Academic Year 2023-2024 and is given permission to:


- use/attach/annex the name of the University (University of the Philippines, U.P.) to the name of the organization;
- conduct activities;
- request to use any University or College facility/ies;
- apply for project grants;
- apply for tambayan;
- partner with any UP unit; and
- participate in activities led by the University units.

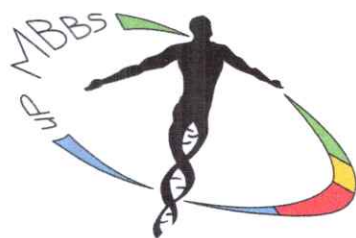
Subject to the following conditions:

1. This certificate of registration is valid only for the AY/Semester indicated above and until the end of the student org registration period for the 1st Semester for AY 2024-2025;
2. That entitlement to all privileges accorded to registered organizations is still subject to the rules and guidelines set for such privileges;
3. That changes in the list of officers, members, faculty adviser/s and the Constitution and By-laws shall immediately be reported to the OSPA; and
4. That all activities of the organization must be approved and endorsed by its faculty adviser.

Certified:

  
**PROF. JAY-AR M. IGNO**  
Coordinator, OSPA

  
**PROF. JERWIN F. AGPAOA**  
Vice Chancellor for Student Affairs



## UP Molecular Biology and Biotechnology Society

PROMOTE. ENHANCE. EXPRESS.

National Institute of Molecular Biology and Biotechnology

National Science Complex

College of Science, University of the Philippines

Diliman, Quezon City 1101

### Detailed Description of the Activity

#### 29<sup>th</sup> Biosciences Quiz Bee

In the spirit of promoting science and technology among the Filipino youth, the UP Molecular Biology and Biotechnology Society holds the annual Biosciences Quiz Bee, an academic competition for high school students from all over the country. The competition covers both theoretical questions and practical challenges in the fields of molecular biology and biotechnology, biology, chemistry, physics, mathematics, and earth science.

#### Event Details

<i>Name of event:</i>	29 <sup>th</sup> Biosciences Quiz Bee
<i>Date:</i>	November 23, 2024
<i>Venue:</i>	School of Statistics Auditorium, University of the Philippines Diliman (tentative)
<i>Participants:</i>	Junior and senior public or private high school students nationwide (more than 200 students total)

#### Objectives

1. Hold an inter-high school competition covering topics in molecular biology and biotechnology (MBB) and other related disciplines such as biology, chemistry, physics, mathematics, and earth science to engage the participating high school students with the sciences.
2. Emphasize the inter-relatedness of MBB with the other sciences.
3. Enhance the participants' awareness of MBB as a field of study.
4. Introduce high school students to the MBB program in UP Diliman.

#### Program

7:00 AM – 8:30 AM	Registration
8:30 AM – 9 AM	Ingress and Opening Ceremony
9 AM – 10:30 AM	Elimination Round <i>The elimination round is an individual written-type exam that tests the theoretical knowledge of participants on all the six disciplines covered in the competition.</i>
10:30 AM – 11:15 AM	Lecture <i>A lecture will be delivered by a professional in molecular biology and biotechnology to acquaint the participants to MBB as a field of study and as a potential degree program.</i>
11:15 AM – 11:30 AM	Announcement of Semifinalists
11:30 AM – 12:30 PM	Lunch Break
12:30 PM – 2:30 PM	Semifinal Round <i>The semifinal round is a move-type exam that tests the students' problem-solving and practical skills in molecular biology and biotechnology, biology, chemistry, physics, and earth science.</i>
12:30 PM – 2:30 PM	Mini Workshops/Walking Tour <i>During the semifinal round, mini workshops introducing MBB to the participants/ a short walking tour of the College of Science and the NIMBB will be conducted.</i>
2:30 PM – 2:45 PM	Announcement of Finalists
2:45 PM – 4:30 PM	Final Round <i>The final round is a quiz-bee style contest with three rounds of increasing difficulty. The easy and average rounds will feature questions from all six disciplines, while the difficult round will feature questions from molecular biology and biotechnology.</i>
4:30 PM – 5 PM	Awarding Ceremony
5 PM – 5:30 PM	Egress



## Competition Mechanics

### Eligibility

1. The competition is open to **all high schools** in the Philippines.
2. Each school can send **up to three teams**, each composed of **exactly three members**, who must be students from Grades 9-12.
3. The pre-registration fee is **PhP 900** per team for public schools and **PhP 1200** for private schools. Schools are highly urged to **pre-register** through the link ([tinyurl.com/Biosci2024](https://tinyurl.com/Biosci2024)) to guarantee their slot as **only around 80 teams** can be accommodated. Participants who will register onsite (on the day of the competition) will have to pay the full registration fee, as indicated in the following table. Note that the **full pre-registration fee** for each team must be paid to secure a slot for the Biosciences Quiz Bee, and that the receipt of the transaction must be submitted; as such, **one payment transaction must be made for each team**. A digital acknowledgement receipt will be sent to the email address of the coach.

	Public schools	Private schools
<b>Walk-in</b>	PhP 1200/team	PhP 1500/team
<b>Pre-registered</b>	PhP 900/team	PhP 1200/team

4. All teams must have a complete set of three members on the day of the competition itself. Teams with less than three members will not be allowed to enter the competition. For pre-registered teams, if one of the members cannot make it for a valid reason (e.g. sickness, death in the family), a substitution may be allowed provided that there is proper documentation of the reason for absence (e.g. medical certificate) and that the substituting student is also eligible to join the competition. Ultimately, the team must still have three qualified members to join the competition.
5. Schools that will send more than one team may be allowed to shuffle the composition of their pre-registered teams until one week before the day of the competition. However, the coach must notify the organizing team regarding any such changes. Moreover, a shuffle will only be allowed once. The composition of participating teams on the date of the competition, as indicated on the registration database, is final.

### General Guidelines

1. Any form of cheating or academic dishonesty is **strictly prohibited** and will be punished by **disqualification** (of the entire team) at the decision of the organizers.
2. Participants must bring their own **pens, pencils**, and **non-programmable scientific calculators** to use throughout the competition. The organizers will not provide these materials to participants who neglect to bring them.
3. Whenever applicable, answers must be expressed in the **correct units of measurement**.
4. Whenever applicable, answers should be expressed to **three significant figures** (unless otherwise stated). Truncation errors should be avoided as much as possible. Variations of up to only  $\pm 1$  unit in the smallest significant place can be accepted.
5. The Biosciences Quiz Bee will be composed of three rounds — the elimination, the semifinal, and the final rounds.

### Elimination Round

1. The initial phase of the competition is in the form of an **individual written exam** that will be taken independently by all participants.
2. There will be 10 **multiple-choice** questions from each of the six disciplines covered in the competition, for a total of **60 questions**.
3. Students will have **75 minutes** to finish the exam. Latecomers may still be accommodated, but will not be given additional time.
4. The **24 teams with the highest total scores** will proceed to the semifinal round.
5. Any ties will be resolved by taking the sum of the higher two scores of each team. Any further ties will be resolved through the highest score of each team. Any further tied teams will be allowed to go through to the next round.

### Semifinal Round

1. The semifinal round will be a **move-type exam** involving problems and tasks that test **practical, theoretical**, and **problem-solving** skills, answered as a team.
2. There will be a total of 12 stations. Teams will have **five minutes** to finish the tasks in one station. Each station will be worth 10 points, plus a bonus question worth 1 point.

### Entity Profile/General Information Sheet

<b>1. Name of Company/Association/Institution/Organization:</b>		
UNIVERSITY OF THE PHILIPPINES MOLECULAR BIOLOGY AND BIOTECHNOLOGY SOCIETY		
<b>2. Office Address:</b>		
NATIONAL INSTITUTE OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY, NATIONAL SCIENCE COMPLEX, UNIVERSITY OF THE PHILIPPINES DILIMAN, QUEZON CITY, 1101		
<b>3. Contact Person/s:</b>		<b>4. Designation/s:</b>
ILLYSSA JULIANA KONG ALBERT MATTHEW PASIGUI		PRESIDENT, EVENT CO-HEAD VICE PRESIDENT FOR ACADEMIC AFFAIRS, EVENT CO-HEAD
<b>5. Contact Number:</b>	<b>Landline/s:</b>	<b>Mobile Number/s:</b>
	N/A	0998 599 5334 (KONG) 0915 563 3601 (PASIGUI)
<b>6. Email Address/es:</b>	biosciences.mbbs.upd@gmail.com; iakong@up.edu.ph; ampasigui@up.edu.ph	
<b>7. Web Address/es:</b>	N/A	
<b>8. Social Media Account/s: (Facebook, Twitter, and the like):</b>	Facebook: facebook.com/BiosciQuizBee Twitter & Instagram: @upmbbs	
<b>9. Nature of the Company/Association/Institution/Organization (Narrative Description):</b> The UP MBBS is a duly-recognized academic student organization based in the UP Diliman College of Science, and the sole student organization based in the National Institute of Molecular Biology and Biotechnology. As part of its thrust towards promoting science and technology, especially molecular biology and biotechnology, UP MBBS holds the annual Biosciences Quiz Bee as well as other events (forums, talks, socials, outreach, campaigns) geared towards the youth, the UP community, or the general public.		
<b>10. Mission:</b> Our mission is to provide an avenue for the holistic development of UP MBB students and a platform for promoting science and technology, especially molecular biology and biotechnology, both in the university and throughout the country.		
<b>11. Vision:</b> Our vision is to develop our members into capable individuals with a passion for science and technology, especially molecular biology and biotechnology, and help build a Filipino society that is informed of advances in the field and that embraces its role in national development.		
<b>12. Accreditation/Certificates/Permits (Attached copy/ies):</b>		
<input type="checkbox"/> Certificate of Accreditation from the Philippine Regulation Commission <input type="checkbox"/> Civil Service Commission Institute Accreditation Certificate <input checked="" type="checkbox"/> Certificate of Permit from the Dean or Head of Student Affairs Office <input type="checkbox"/> Movie and Television Review and Classification Board		<input type="checkbox"/> Security and Exchange Commission Registration <input type="checkbox"/> Department of Trades and Industry Business Certificate <input type="checkbox"/> Republic Act Number and Content if government agency/institution