



Republic of the Philippines  
**Department of Education**  
REGION III  
SCHOOLS DIVISION OFFICE OF BATAAN

**DIVISION ADVISORY**  
No. 255, s. 2024

SEP 05 2024

To: Assistant Schools Division Superintendent  
Chief Education Supervisors  
Education Program Supervisors  
Public Schools District Supervisors  
Public and Private Elementary and Secondary School Heads  
All Others Concerned

This Office informs all concerned that the UP Molecular Biology and Biotechnology Society (UP MBBS) will conduct the 29<sup>th</sup> Biosciences Quiz Bee on November 23, 2024 at UP Diliman.

Attached is Advisory No. 154, s. 2024, for further details and inquiries.

  
**CAROLINA S. VIOLETA, EdD, CESO V**  
Schools Division Superintendent

*In compliance with DepEd Order No. 8 s. 2013, this Division Advisory is issued not for endorsement per D.O. 28 s. 2001 only for the information of DepEd Officials, personnel as well as the concerned public.*

  
ci2/ci28  
September 2, 2024



Republic of the Philippines  
**Department of Education**  
 REGION III-CENTRAL LUZON

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BY: *[Signature]*

AUG 27 2024  
 REGION III - CENTRAL LUZON  
 DEPARTMENT OF EDUCATION

**Advisory** No. 174, s. 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 [region3.deped.gov.ph](http://region3.deped.gov.ph))

**INVITATION TO PARTICIPATE IN THE 29th BIOSCIENCES QUIZ BEE**

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. Its aim is to promote science and technology, especially molecular biology and biotechnology, among the Filipino public.

With this objective in mind, the organization will hold the 29th 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 28th Biosciences Quiz Bee. This year's quiz bee will be held on November 23, 2024, at UP Diliman.

Public and private school participation is highly encouraged but shall be subject to the *no-disruption-of-classes* policy stipulated in DepEd Order No. 9, s. 2005 entitled *Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith*. Enclosed is the letter of invitation from the organizer for reference and other details.

For concerns and inquiries, you may contact:

**Albert Matthew Pasigui**  
 Event Co-Head  
 Email: [ampasigui@up.edu.ph](mailto:ampasigui@up.edu.ph)  
 Phone No.: 0915 563 3601



CLMD3/clmd4  
 August 22, 2024

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**Telephone Number:** (045) 598-8580 to 89  
**Email Address:** [region3@deped.gov.ph](mailto:region3@deped.gov.ph)  
**Website:** <https://region3.deped.gov.ph/>



Certificate No. PHSP 0265  
 24 93 0181

### 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/les):</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



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-AN M. IGNO  
Coordinator, OSPA

  
PROF. JERWIN F. AGPAOA  
Vice Chancellor for Student Affairs



**Executive Committee**  
AY 2024-2025

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0998 599 5334

# 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. May B. Eclar**

*Regional Director*

Department of Education – Regional Office III  
Maimpis, City of San Fernando, Pampanga

Dear Director Eclar:

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 III 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 III. 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.



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*



## 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

### List of Activities/Events Conducted by the Organization

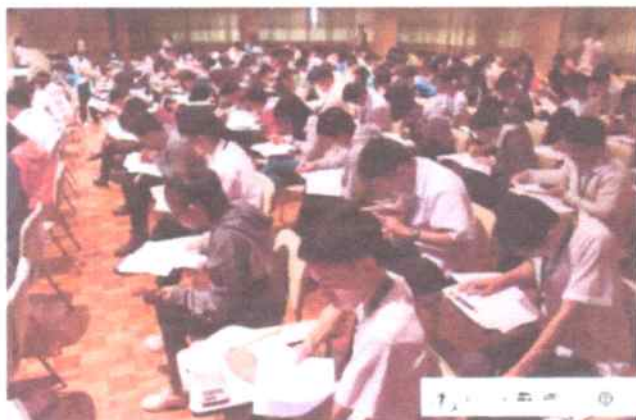
#### The Annual Biosciences Quiz Bee

*Date: during the second half of the year, annually*

*Venue: UP NISMED Auditorium/Engineering Theater/online*

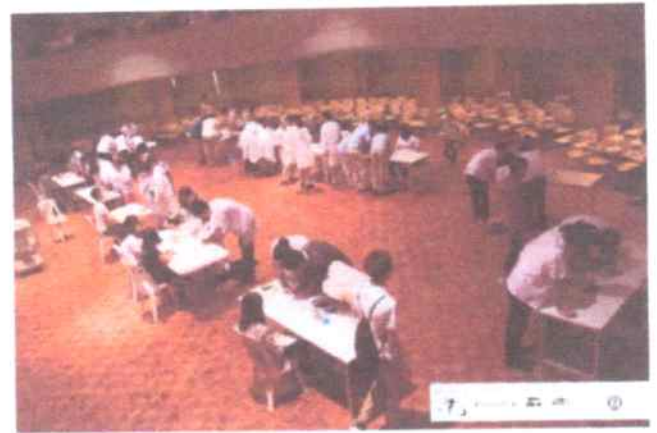
*Participants: >200 high school students (public and private)*

The flagship event of the organization, the annual Biosciences Quiz Bee is an academic competition for high school students from across the country, held in line with the organization's goal of promoting science and technology, and in particular molecular biology and biotechnology, among the Filipino youth. The competition covers questions from molecular biology and related disciplines: biology, chemistry, physics, mathematics, and earth science. Over 200 students from both public and private high schools join the competition each year, and after going through an exam-type elimination round and quiz bee-style contest, the top three teams are awarded.



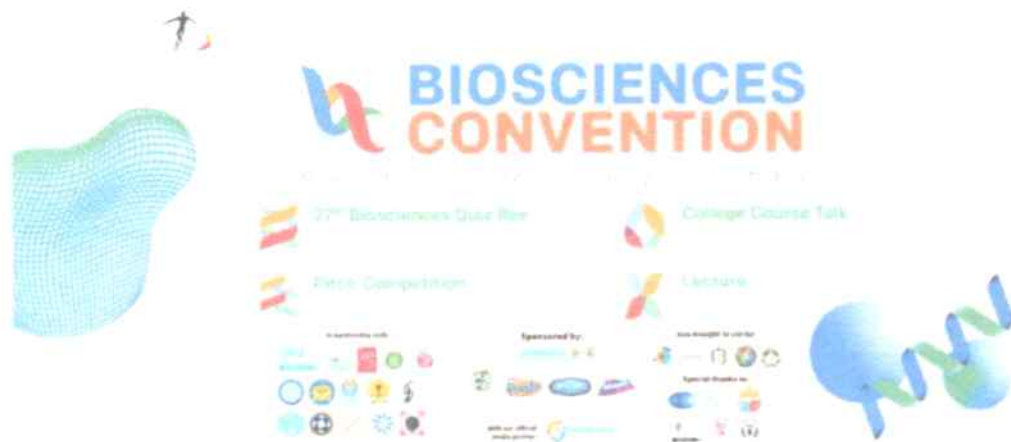
*Images from the 24th Biosciences Quiz Bee last September 30, 2017 at the UP NISMED Auditorium.*

In 2017, the 24th Biosciences Quiz Bee introduced the practical semi-final round, in which students are confronted with set-ups and challenges to test their practical knowledge and skills in the different scientific disciplines. In addition to fostering healthy academic competition, the event also offers a chance for high school students to be acquainted with the National Institute of Molecular Biology and Biotechnology (NIMBB) and the MBB program at UP Diliman.

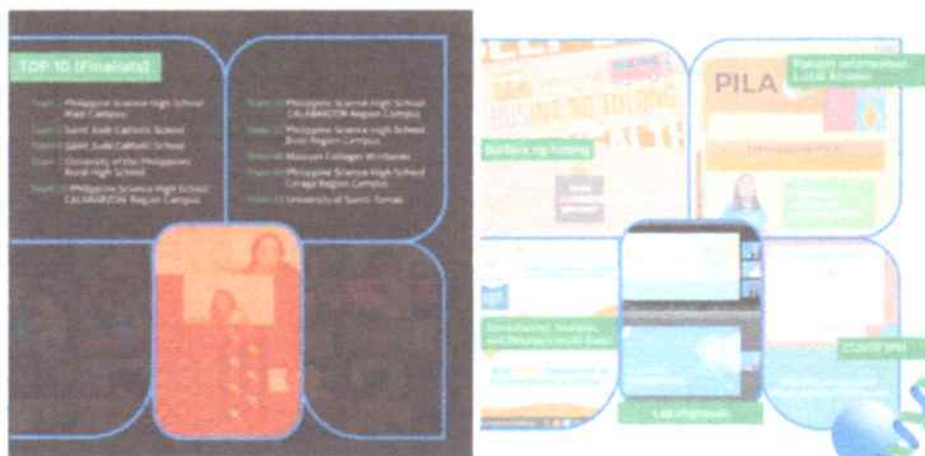


*Images from the 24th Biosciences Quiz Bee last September 30, 2017 at the UP NISMED Auditorium.*

In 2021, the UP Molecular Biology and Biotechnology Society held the only online edition of the annual Biosciences Quiz Bee, along with three other events: pitch competition, college course talk, and lecture during the 2021 Biosciences Convention, with the theme of “Modern biotechnological solutions in addressing a global health crisis.” The event highlighted the central role of molecular biology and biotechnology in addressing the public health crisis that arose during the COVID-19 pandemic and served as an avenue for participants to develop a passion for science and technology even amidst a global pandemic.



*Biosciences Convention 2021 Event Lineup*



*27th Biosciences Quiz Bee (left) and Pitch Competition (right)*



In 2023, the annual Biosciences Quiz Bee returned as a face-to-face event in its 28<sup>th</sup> edition. The 28<sup>th</sup> Biosciences Quiz Bee was held last December 9, 2023 at the Engineering Theater, Melchor Hall, University of the Philippines Diliman.



*Images from the 28th Biosciences Quiz Bee last December 9, 2023 at the UP Engineering Theater.*

### MBB Week

Every second semester, the UP MBBS holds MBB Week. This event celebrates both the field of molecular biology and biotechnology, as well as the MBB program at the NIMBB in UP Diliman. Throughout the week, the organization holds various events that are meant to reach out to the UP community, the general public, and the people at the NIMBB. These events are listed below.

### **TsaMBBahan**

TsaMBBahan is a university-wide event held during MBB Week, usually with 100-150 participants. It is a quiz bee about pop culture and random trivia; the choices are based on the four main nitrogenous bases (adenine, cytosine, guanine, and thymine). It is mainly through this event that the organization is publicized in the university. It is open to all students of the University of the Philippines Diliman. Several MBB alumni and students outside NIMBB have participated.



*Images from TsaMBBahan 2021, held first-ever online via Zoom with over 100 participants composed of MBB students, alumni, and students from other degree programs.*



*Images from TsaMBBahan 2024, which was held onsite at the UP Diliman Student Union Building and was joined by MBB students, alumni, professors, and students and professors from other degree programs*

### **MBB Night**

MBB Night is the culminating activity of MBB Week and serves as an avenue for students, professors, staff, and alumni of the NIMBB to interact and socialize outside of the classroom or laboratory setting. It is usually attended by 100-150 participants. Last 2021, MBB Night: Looping Back was held online and served as a virtual gathering to

celebrate the successes of the organization and the institute. Two alumni speakers shared how their MBB degree helps them in their current profession and their impact on society in the last year.



Images of the guest speakers for MBB Night: Looping Back with Dean Edgardo Vistan II of the UP College of Law (left) and Dr. Diana Ranoa (right).

The 2023 and 2024 editions of MBB Night were held face-to-face. The 2023 edition, which was held at the NIMBB building in UP Diliman, featured two speakers who inspired and introduced the members of the organization to MBB-related careers in the academe and the industry. Both the 2023 and 2024 MBB Night events were well-attended and served as avenues for socialization and celebration of the successes of the organization in the academic years when they were held.



Image of attendees during the MBB Night 2023 held at the NIMBB building (left) and a poster featuring speakers: Mr. Gerry Ramos Jr. and Ms. Chloe Borromeo (right)



*Images taken during the MBB Night 2024 held in Fairview, Quezon City and attended by around 120 participants, which consist of MBB students, faculty, and alumni*

### **Other Past Activities During MBB Week**

#### ***TaMaBBayon? (Academic Project)***

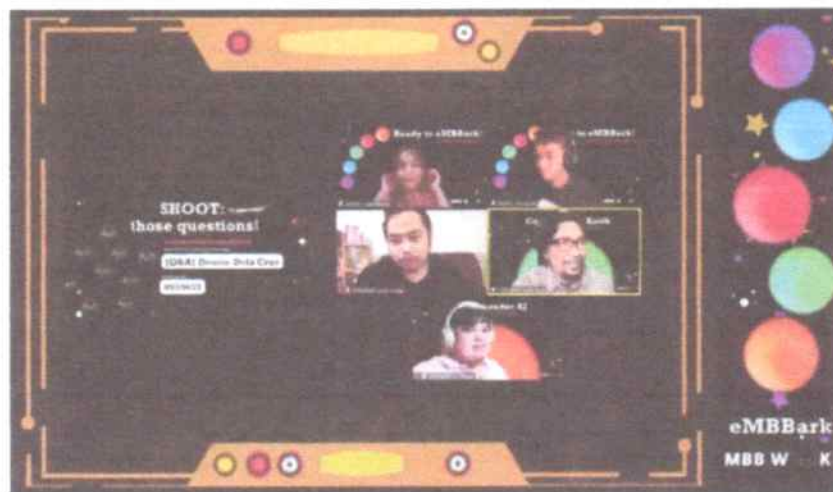
The Academic Project is held by the organization's Academic Affairs Committee every MBB Week. It is the main event through which UP MBBS reaches out with members of the public in order to spread general awareness about science and technology, and molecular biology and biotechnology. For MBB Week 2021, the first-ever online Academic Project was branded as "TaMaBBayon?", a COVID-19 and misinformation academic fair. Fair. Held last April 24 on Zoom, 60 participants including high school students, teachers, and guests, attended a series of talks on COVID-19 current events and science journalism.

The first half of this event featured talks on current COVID-19 events hosted by two molecular biologists. Dr. Marilen P. Balolong's talk, "Bakit Bakuna?", highlighted the relevance of vaccines in addressing the pandemic in a local context. Attendees learned about vaccine efficiency on the new variants and how an effective vaccination program could save the lives of millions of Filipinos. Dr. Lyre Annie E. Murao of PGC Mindanao elaborated on how variants are detected and analyzed in "The Rise of the Variants". Attendees are then ushered into separate breakout rooms for their workshops where they will act as FDA or contact tracing officials answering challenging questions based on what they learned from the lectures.

The second half of this event featured talks on COVID-19 journalism and media led by data scientist Dr. John Q. Wong of Epimetrics, Inc. and science journalist Mr. Timothy James Dimacali of GMA News. Dr. Wong's lecture, "How to Report a Pandemic", detailed the effective use of epidemiological statistics when reporting during a pandemic. On the other hand, Mr. Dimacali shed light on how local media portrayed the pandemic and its current progress, along with a few writing tips, in his talk, "Reactions of the Media to the Pandemic." Attendees were also ushered afterwards into separate workshops where they will be given prompts to report live based on their newly acquired knowledge from both speakers.



*Images from 'TaMaBBayon?' last April 2021, MBBS' first-ever online academic project for MBB Week 2021. The members invited scientists and journalists specializing on COVID-19 and organized lectures and workshops on their respective topics.*



*MBB Week 2022 Academic Project - eMBBark (Science x Creative Media)*

### **Expressions**

MBB Week 2021 introduced "Expressions", an exhibit of outstanding publication materials that revolved around the relevance of MBB in society, particularly in the current pandemic. The releases involved a detailed timeline of the history of the pandemic in the country, a vast array of infographics on recently developed innovative solutions against the spread of COVID-19, and an elegant display of the contributions done by MBB alumni in addressing the global health crisis. The exhibit also held an online photo-essay competition with the theme, "COVID-19: A Glimpse at the Social Inequalities of Health."



Top three winning entries from 1st to 3rd place (left to right) of the Expressions online photo-essay competition. In order: "Pantay na Pribilehiyo" by R. Calza, "We Are Excellent" by J. Arriola, and "Recognize the Need to Protect who Protects" by L. Leyson.