

UP MOLECULAR BIOLOGY AND BIOTECHNOLOGY SOCIETY

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

EXECUTIVE COMMITTEE AY 2025-2026

Kirk Matthew Mara
President
kcmara@up.edu.ph

Hanns David Villamil
Vice President for Internals
hgvillamil@up.edu.ph

Miguel Carlo Antonio Fuentebella
Vice President for Academic Affairs
mdfuentebella@up.edu.ph

Liam Nathaniel Aquino
Vice President for Externals
lzaquino@up.edu.ph

David Emmanuel Go
Vice President for Finance
dpgol@up.edu.ph

Rolf Mitchell Manuel
Vice President for Recruitment
rgmanuel1@up.edu.ph

Elijah Froy Aspa
Vice President for Creatives
etaspa@up.edu.ph

Amanda Gabriella Trinidad
Auditor
astrinidad5@up.edu.ph

Robyn Jianna Ladaban
Corporate Secretary
rtladaban@up.edu.ph

Faculty Adviser
Jose Enrico H. Lazaro, PhD.
jhlazaro1@up.edu.ph

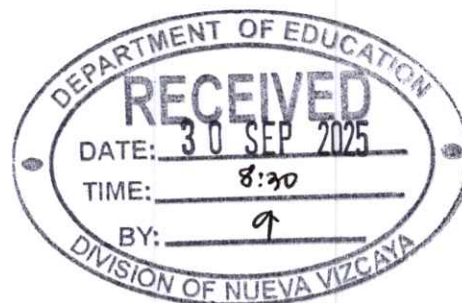
Junior Adviser
Aaron James C. Feliciano
acfeliciano1@up.edu.ph

Email Address
biosciences.mbbs.upd@gmail.com

September 6, 2025

ORLANDO E. MANUEL
Schools Division Superintendent
Schools Division of Nueva Vizcaya
Bayombong, Nueva Vizcaya

Good day!



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 **2025 Biosciences Convention**, which will feature multiple sub-events: the **30th Annual Biosciences Quiz Bee**, the **Pitch Competition**, and **lectures by established professionals in the field of molecular biology**. This event will be held on **November 22, 2025**, at UP Diliman and will be open to all public and private high schools in the Philippines.

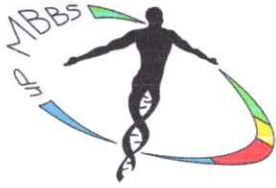
The **30th Annual Biosciences Quiz Bee** will be the 30th iteration of the annual academic competition for high school students from across the country, which covers questions from molecular biology and related disciplines, including biology, chemistry, mathematics, physics, and geology. Over 200 students from both public and private high schools join the competition each year. This year, we are also bringing back the **Pitch Competition**, which will introduce participants to the concepts of recombinant DNA technology and molecular cloning through a series of workshops and a culminating project proposal.

In line with this, we would like to request the issuance of an **advisory from the Department of Education - Schools Division of Nueva Vizcaya regarding the 2025 Biosciences Convention**. A Division-level DepEd Advisory would allow for the easier dissemination of information regarding our event and help us widen our reach, especially among public high schools. 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 biosciences.mbbs.upd@gmail.com.



UP MOLECULAR BIOLOGY AND BIOTECHNOLOGY SOCIETY

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

Kindest regards,

Miguel Carlo Antonio Fuentebella
Vice President for Academic Affairs
2025 Biosciences Convention Co-Head

Lei Jo Presaldo
2025 Biosciences Convention Co-Head

Noted by:

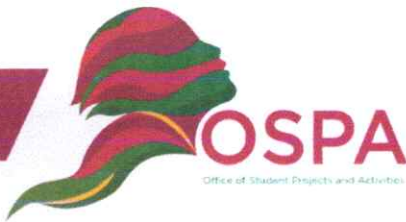
Kirk Matthew Mara
President
UP Molecular Biology and Biotechnology Society

Jose Enrico H. Lazaro, PhD
Faculty Adviser
UP Molecular Biology and Biotechnology Society

MEMORANDUM		Date: 9-30-24	Released/Records:
To:	<input checked="" type="checkbox"/> PSDS/DICs	<input checked="" type="checkbox"/> Elem/Sec School Heads	
	<input type="checkbox"/> Private Schools	<input type="checkbox"/> Others:	
For:	<input checked="" type="checkbox"/> Information	<input checked="" type="checkbox"/> Dissemination	
	<input type="checkbox"/> Guidance	<input type="checkbox"/> Strict Compliance	
ORLANDO E. MANUEL PhD., CESO V Schools Division Superintendent			
By:	<input type="checkbox"/> ASDS	<input type="checkbox"/> CID Chief	<input type="checkbox"/> SGOD Chief
	<input type="checkbox"/> AO	<input type="checkbox"/> Atty.	Signature:

Entity Profile/General Information Sheet

1. Name of Company/Association/Institution/Organization:		
UNIVERSITY OF THE PHILIPPINES MOLECULAR BIOLOGY AND BIOTECHNOLOGY SOCIETY		
2. Office Address:		
NATIONAL INSTITUTE OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY, NATIONAL SCIENCE COMPLEX, UNIVERSITY OF THE PHILIPPINES DILIMAN, QUEZON CITY, 1101		
3. Contact Person/s:		4. Designation/s:
MIGUEL CARLO ANTONIO FUENTEBELLA		VICE PRESIDENT FOR ACADEMIC AFFAIRS, EVENT CO-HEAD
LEI JO PRESALDO		ACADEMICS COMMITTEE MEMBER, EVENT CO-HEAD
5. Contact Number:	Landline/s:	Mobile Number/s:
	N/A	09179322966 (FUENTEBELLA) 09765209869 (PRESALDO)
6. Email Address/es:	biosciences.mbbs.upd@gmail.com; mdfuentebella@up.edu.ph; lppresaldo@up.edu.ph	
7. Web Address/es:	N/A	
8. Social Media Account/s: (Facebook, Twitter, and the like):	Facebook: facebook.com/BiosciQuizBee Twitter & Instagram: @upmbbs	
9. Nature of the Company/Association/Institution/Organization (Narrative Description):		
The UP MBBS is a duly recognized academic student organization based in the UP Diliman College of Science, and is the sole student organization based in the National Institute of Molecular Biology and Biotechnology. As part of its goal 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, and the general public.		
10. Mission:		
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.		
11. Vision:		
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.		
12. Accreditation/Certificates/Permits (Attached copy/ies):		
<ul style="list-style-type: none"> • Certificate of Accreditation from the Philippine Regulation Commission • Civil Service Commission Institute Accreditation Certificate ✓ Certificate of Permit from the Dean or Head of Student Affairs Office • Movie and Television Review and Classification Board 	<ul style="list-style-type: none"> • Security and Exchange Commission Registration • Department of Trades and Industry Business Certificate • 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

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 2024-2025 and is granted permission to:

- Use, attach, or 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 facilities;
- Apply for project grants;
- Apply for a tambayan;
- Partner with any UP unit; and
- Participate in activities led by University units.

This is 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 organization registration period for the 1st Semester of AY 2025-2026.
2. Entitlement to all privileges accorded to registered organizations is subject to the rules and guidelines set for such privileges.
3. Changes in the list of officers, members, faculty advisers, or the Constitution and By-laws must be reported to the OSPA immediately.
4. All activities of the organization must be approved and endorsed by its faculty adviser.

Certified:


PROF. JAYAR M. IGNO
Coordinator, OSPA



ovcsa.upd



updilimanovcsa



ovcsa.upd@up.edu.ph



UP Diliman OVCSA



ACTIVITY APPROVAL FORM (AAF)

Name of Organization/Class

UP Molecular Biology and Biotechnology Society (UP MBBS)

Title of Activity

2025 Biosciences Convention

Date of Activity

10/11/2025 - 11/22/2025

Brief Description of the Activity

Note: This AAF is approved until the end of the 1st semester's student organization registration. To keep this AAF valid for the entire AY 2025-2026, your organization must renew its registration for the next acad year. Failure to renew will forfeit this AAF's approval.

The 2025 Biosciences Convention is an event that brings together aspiring young molecular biologists from high schools nationwide through the Biosciences Quiz Bee, a molecular biology-themed Pitch Competition, and a series of engaging sub-events. The Pitch Competition will begin with virtual workshops starting October 11, while all culminating face-to-face activities, including the Quiz Bee and final presentations, will be held on November 22 at UP Diliman.

Type of Activity

IGP, Quiz Bee, Lecture

Mode of Activity

Hybrid (Online and F2F)

Category

Academic

Venue

In campus

Target Venue of the Activity

UP School of Statistics Auditorium

Officer-in-Charge / Point Person

Lei Jo Presaldo, Miguel Carlo Antonio Fuentebella

Position in the organization

MBBS Member [Presaldo], Vice President for Academic Affairs [Fuentebella]

Contact Number

09765209869

Name of Faculty Adviser

Prof. Jose Enrico H. Lazaro

Additional Request

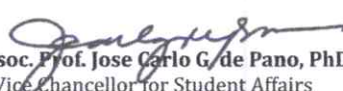
Use of college venue, Dry goods sale / Brand sale

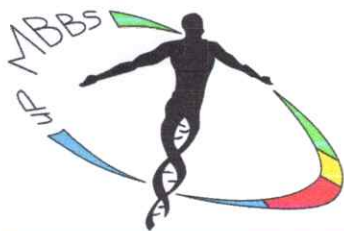
Note: The student organization should coordinate with the following: the Office of the Vice Chancellor for Planning and Development for dry goods or brand sales; the School of Statistics for the use of college venue.

Recommending Approval:

Asst. Prof.  M. Igno
 Coordinator, Office of Student Projects and Activities

Approved:


 Assoc. Prof. Jose Carlo G. de Pano, PhD
 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

Biosciences Convention 2025

In the spirit of promoting science and technology among the Filipino youth, the UP Molecular Biology and Biotechnology Society will hold the Biosciences Convention 2025, which will feature multiple sub-events: the 30th Annual Biosciences Quiz Bee, the Pitch Competition, and talks by established professionals in the field of molecular biology.

The Annual Biosciences Quiz Bee is a nationwide academic competition for high school students that celebrates excellence in the sciences. Participants will be challenged through both theoretical questions and practical problem-solving in molecular biology and biotechnology, as well as related disciplines such as biology, chemistry, physics, mathematics, and earth science.

Following its inaugural run in 2021, the Pitch Competition returns this year with a renewed focus on scientific innovation. Centered on the principles of recombinant DNA technology, the competition challenges students to creatively apply molecular biology and biotechnology concepts in proposing potential research directions.

The convention will also feature a lecture and workshop led by esteemed scientists in the field of molecular biology. These sessions aim to introduce students to the field, deepen their understanding of its core concepts, and highlight the wide range of applications that molecular biology holds in advancing science and addressing societal challenges.

Event Details

<i>Name of event:</i>	Biosciences Convention 2025
<i>Date:</i>	November 22, 2025
<i>Venue:</i>	UP School of Statistics Auditorium, T.M. Kalaw Street, Diliman, Quezon City, Metro Manila (<i>tentative</i>)
<i>Participants:</i>	Grade 10-12 public or private high school students nationwide

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. Hold an inter-high school pitch competition to immerse participating students in the field of MBB
3. Emphasize the interrelatedness of MBB with the other sciences.
4. Raise awareness of molecular biology as a field of study and its relevance to science and society.
5. Introduce high school students to the BS MBB program in UP Diliman.

Disclaimer

The organizers reserve the right to amend, clarify, or supplement the rules, mechanics, and requirements stated in this document as deemed necessary to ensure the orderly conduct and fairness of the competition.

All updates and official revisions shall be documented and published in the designated repository accessible via the official link: bit.ly/2025BiosciencesConvention. The latest version of the guidelines contained therein shall take precedence over any earlier versions of this document.

Program

7:00 - 7:30		
7:30 - 8:00	Registration	
8:00 - 8:30	Venue: UP School of Statistics Auditorium	
	Opening Program	
8:30 - 9:00	Venue: UP School of Statistics Auditorium	
9:00 - 9:30		
	Elimination Round	
9:30 - 10:00	Venue: UP School of Statistics Auditorium;	
10:00 - 10:30	Stat Lobby (Teacher Waiting Area)	
10:30 - 11:00		
	Lecture	
11:00 - 11:30	Venue: UP School of Statistics Auditorium	
11:30 - 12:00	(5 min - Announcement of Semifinalists)	
	Lunch Break	
12:00 - 12:30		
12:30 - 13:00	Workshop	
13:00 - 13:30	Venue: UP School of Statistics Auditorium	
		Semifinal Round
13:30 - 14:00	Pitch Competition Finals	Venue: UP NISMED Laboratory (<i>tentative</i>)
14:00 - 14:30	Venue: UP School of Statistics Auditorium	
14:30 - 15:00		
	Buffer Time	
15:00 - 15:30		
15:30 - 16:00	Final Round	
16:00 - 16:30	Venue: UP School of Statistics Auditorium	
16:30 - 17:00		
	Awarding Ceremony	
17:00 - 17:30	Venue: UP School of Statistics Auditorium	
17:30 - 18:00		
	Egress	

30th Biosciences Quiz Bee 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 10-12.
3. Participants who are already registered for the pitch competition may not participate in the pitch competition, and vice versa.
4. The registration fee is **Php 1200** per team for public schools and **Php 1500** for private schools. Schools should register through the link: bit.ly/Biosci2025QuizBeeRegistration to guarantee their slot, as **only around 100 teams** can be accommodated. Onsite registration on the day of the competition will only be possible if slots remain available, and the full registration fee must be paid. Full payment for each team is required to confirm a slot, and a copy of the transaction receipt must be submitted. One payment transaction per team is necessary. A digital acknowledgement receipt will be sent to the coach's email address once payment is confirmed.
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 at any point of the competition is **strictly prohibited** and will be grounds for **disqualification** of the entire team, subject to the decision of the organizers. Actions considered as cheating include, but are not limited to: receiving or providing unauthorized assistance, copying or attempting to copy answers from other participants, use of electronic devices or reference materials during the competition proper, communicating with the audience or other teams, or any behavior that undermines the integrity of the event. Any behavior not explicitly mentioned above, but reasonably suspected by the organizers or proctors to constitute dishonesty, may also result in a warning.

Participants suspected of cheating may be given up to **two warnings** at the discretion of the proctors. If dishonest behavior persists, the team will be **disqualified**. In such cases, disqualified teams may be allowed to complete the round to avoid disturbing other participants; however, their scores will be rendered void. All decisions of the organizers regarding cheating or misconduct are final and irrevocable.

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 ± 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.
3. The semifinalists will take the exam in **two batches**. Teams will be asked to wait in a separate holding area while the other batch is taking the exam. During this time, the use of mobile phones and other communication devices is strictly prohibited, and will result in disqualification.
4. Teams must strictly follow the instructions in each station, including signals to start and stop working. Failure to do so (e.g., touching set-ups that should not be touched or working outside the allotted time) may result in their points for that station being declared void.
5. The **top 12** teams in this round will proceed to the final round.
6. Ties will be resolved via multiple-choice or problem-solving type clincher questions prior to the final round.

Final Round

1. The final round will be a series of **quiz bee-style questions** from **all six fields** covered in the competition; these questions may be multiple-choice, identification, or problem-solving. **For the difficult round**, all questions will be from **molecular biology and biotechnology**.
2. There will be **30 questions** in three sets of ten: **easy** (30 seconds, 1 points each), **average** (60 seconds, 2 points each), and **difficult** (90 seconds, 3 points each).
3. The quizmaster will read each question twice, and then say "go". Participants **must wait** for this signal before writing their answers on the whiteboard provided.
4. Contentions must be raised **by the contestants** after the answer is announced, and will be resolved by the judges before the next question is read. The decision of the judges regarding any contention shall be final.
5. The **top three teams from the semifinal round** will have **bonuses** of +3, +2, and +1, respectively, added to their score.
6. Teams will be awarded Champion, First Runner-Up, and Second Runner-Up based on their total points during the final round of the competition.
7. Any ties crucial in deciding the top 3 teams and their final rank will be resolved via clincher questions, which are worth 3 points each.

Clincher

1. Questions in the clincher round will be **identification** or **problem-solving type questions** from **molecular biology and biotechnology**.
2. Each competing team will be given a flag. As soon as the quizmaster reads the question, each team can **raise their flag** to answer. The first team to raise their flag will be accommodated first, and so on. However, if the first team's answer is wrong, the remaining competing teams will be given **30 seconds** for a chance to **steal**.
3. The first team to give the correct answer will win the clincher round. The clincher round will continue until all crucial ties are settled.

Awards, Prizes, and Certificates

1. The team with the highest score in the final round shall be declared the Champion of the 30th Biosciences Quiz Bee and will receive medals, plaques, certificates, and a cash prize of PhP 12,000.
2. The First and Second Runners-up will receive medals, plaques, certificates, and cash prizes of PhP 9,000 and PhP 6,000 respectively.
3. The individual top scorer for the elimination round will be awarded a medal and a certificate.
4. All participants and coaches will be given a certificate of participation or appearance, whichever is applicable.

2025 Pitch Competition Mechanics

The Pitch Competition marks the return of this flagship event since its inaugural run in 2021, now reintroduced as part of the Biosciences Convention 2025. This year's competition challenges participants to design and present a research proposal centered on a gene of interest that highlights innovative applications of recombinant DNA technology principles.

The competition will proceed in three stages: a preparatory workshop series, an elimination round, and the final live presentation round.

Eligibility

1. The pitch competition is open to **all high schools in the Philippines**.
2. Each participating school may send up to **two (2) teams**, with each team composed of a maximum of three (3) bona fide high school students currently enrolled in Grades 10 to 12.
3. Participants who are already registered for the quiz bee may not participate in the pitch competition, and vice versa.
4. Each team must have a faculty coach or adviser who will guide the students throughout the competition and serve as the official contact person between the school and the organizers.
5. The registration fee will be Php 1,000.00 per team for public schools and Php 1,300.00 per team for private schools. Official registration Google Forms are available via: bit.ly/Biosci2025PitchRegistration
6. All participants are required to have access to a stable internet connection and a device (laptop or desktop are strongly recommended) with Zoom installed for the online bootcamp

Pitch Competition Bootcamp

All registered teams are required to participate in a pitch competition bootcamp consisting of a series of virtual workshops. These workshops are intended to provide participants with the foundational knowledge and technical competencies necessary to conceptualize and communicate a scientifically rigorous research proposal consistent with the competition theme.

1. **Schedule** (Tentative)
 - October 11, 2025 - Workshop 1 (2 Modules)
 - October 18, 2025 - Workshop 2 (2 Modules)
2. **Workshop Participation Policy**

The competition will begin with a required workshop series on the theme of recombinant DNA technology. All workshops will be conducted virtually via Zoom.

It is the responsibility of each participant to ensure they have access to a stable internet connection and a working device such as a laptop, tablet, or smartphone. Participants must attend all workshops to be eligible for the competition.

Participants who are unable to attend a live workshop session must view the full recording of the session and complete the assigned asynchronous reflection form. This form will require a short summary of key insights from the workshop and a brief response to a relevant question. Submissions will be checked for completeness and timeliness. Incomplete, late, or missing asynchronous outputs will be counted as non-attendance.

Completion of all four workshops, whether attended live or asynchronously with a valid reflection form, is a strict requirement for eligibility. Teams with members who do not meet this requirement will be disqualified from the competition.

3. **Bootcamp Materials & Resources**

Each registered team will receive a digital kit containing workshop slides, summary notes, pitch deck templates, and sample proposals. These materials are for the exclusive use of participants.

All bootcamp materials are proprietary to the organizers and must not be reproduced, distributed, or shared publicly without permission. Any unauthorized distribution will result in disqualification.

4. **Chaperone & Supervision Guidelines**

The presence of a teacher-chaperone during the online workshops is not mandatory but highly encouraged.

5. **Participation and Conduct**

Participants are expected to engage respectfully during workshops (e.g., muting microphones when not speaking, using appropriate virtual backgrounds, and maintaining professional online etiquette).

Eliminations Round

After the Bootcamp, participants will be given one and a half (1.5) weeks to develop and finalize their proposal documents. The deadline for submission will be on **October 31, 2025**. These submissions will serve as the basis for the Elimination Rounds, from which the finalists will be selected.

1. Submission Requirements

Each team is required to submit the following:

- Written Proposal Summary
 - one-page (excluding references), in PDF format.
 - Must include: background, rationale, objective, gene of interest, applications
- Pitch Deck
 - Maximum of 15 content slides, in PDF format.
 - Should visually summarize and support the proposal.
- Recorded Video Pitch
 - Maximum of 5 minutes.
 - Must be uploaded via Google Drive or YouTube (shareable link required).
 - The video presentation should use the team's submitted pitch deck as its primary visual aid, with team members providing their own voices and explanations.
 - Teams are encouraged to be as creative as possible with their video submissions. They are not required to show their faces in their video entries but they can do so if they wish to. However, voice-overs are required and should be done by the voices of the team members.

2. Language and Submission Guidelines

- All components must be in English.
- Submissions must be uploaded through the official submission form, which will have individual upload sections for each file.
- Videos must be submitted as shareable links with proper access settings enabled.
- The deadline for submission for the eliminations submission requirements is on [insert date].
- Late, incomplete, or incorrectly formatted submissions will not be accepted under any circumstance.

3. Originality and Integrity

All submissions must be the original work of the team. Any form of plagiarism, data fabrication, or academic dishonesty will result in immediate disqualification of the team at the discretion of the organizers.

No AI-use Policy

The use of artificial intelligence (AI) tools is strictly prohibited in the preparation of all submission components, including, but not limited to, the written proposal summary, slide deck content, and video pitch script. Teams found to have relied on AI-generated or AI-assisted material will be disqualified immediately, at the discretion of the organizers and judges. Participants are encouraged to use primary literature, databases, and peer-reviewed sources for their research and proposal development.

4. Role of Teacher-Coaches

Each team is required to have an officially designated teacher-coach, who will serve as a mentor throughout the competition. Coaches may guide their teams and provide feedback; however, the content and work must be prepared solely by the students. Any instance in which a coach is found to have directly produced material on behalf of the team will be considered a violation of competition rules and may result in the team's disqualification.

Finals Round

The Final Round of the competition will serve as the culminating stage, where the top 5 qualifying teams from the elimination round will present their work live before a panel of judges. This stage is designed to evaluate not only the scientific merit and creativity of each team's proposal, but also their ability to effectively communicate their ideas, defend their rationale, and respond to feedback in real time.

1. Submission Requirements

- Final Manuscript
 - This should be a complete and formal version of the proposal presented in the elimination round, expanded and refined based on feedback.
 - Should contain the following: Title, Abstract, Background and Rationale, Objective(s), Gene of Interest (must be consistent with the elimination round submission), Methodology / Proof of Concept, Anticipated Outcomes and Impact, Limitations and Challenges, References
 - Maximum of 7 pages, in PDF format.
- Final Pitch Deck
 - Maximum of 15 slides
 - This should visually summarize the manuscript and serve as the basis of the team's oral presentation during the Finals.

2. Presentation Format

- Each finalist team will be required to deliver a live presentation of their proposal during the onsite competition. The presentation must follow the format below:
 - Presentation Proper: 10 minutes maximum, using the submitted PowerPoint slides.
 - Each member must have a speaking role of at least one part of the presentation to ensure equitable participation.
 - Question and Answer (Q&A): 5 minutes allotted for questions from the panel of judges.
- 3. Teams must carry over the same gene of interest and proof-of-concept framework from the elimination round. Only refinements, elaborations, or improvements are allowed; introducing an entirely new gene or concept is prohibited.
- 4. All manuscripts, decks, and presentations must be the original work of the team. Plagiarism, data fabrication, or misrepresentation of work will result in immediate disqualification.
- 5. Teacher-coaches are expected to mentor and guide but must not directly write, edit, or produce the final manuscript or pitch deck. The final outputs must reflect the students' independent work.
- 6. All team members of finalist groups must be physically present during the day of the Finals competition. Failure to attend will forfeit the team's slot.
- 7. The 1st, 2nd, and 3rd place winners will be chosen based on the scores given by the judges. The decision of the panel of judges is final.

Awards and Prizes

1. The team with the highest score in the final round shall be declared the Champion of the Pitch Competition and will receive medals, plaques, certificates, and a cash prize of PhP 10,000.
2. The First and Second Runners-up will receive medals, plaques, certificates, and cash prizes of PhP 6,000 and PhP 3,000, respectively.

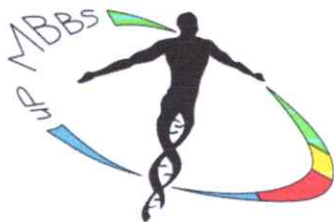
Contact Information

E-mail: biosciences.mbbs.upd@gmail.com

Facebook: [facebook.com/BiosciConvention](https://www.facebook.com/BiosciConvention)

Twitter: [@upmbbs](https://twitter.com/upmbbs)

Instagram: [@upmbbs](https://www.instagram.com/upmbbs)



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

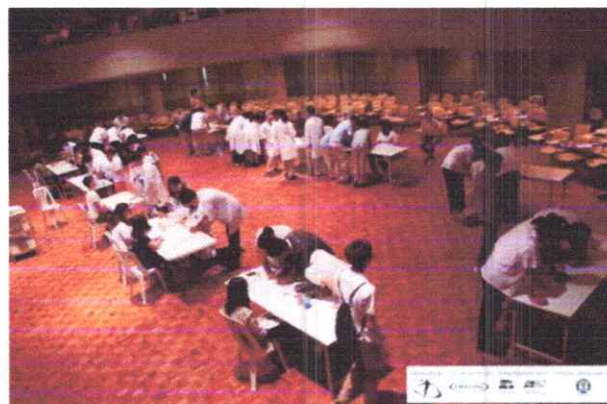
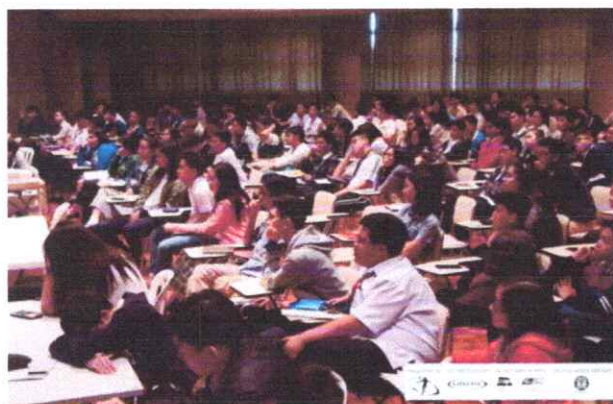
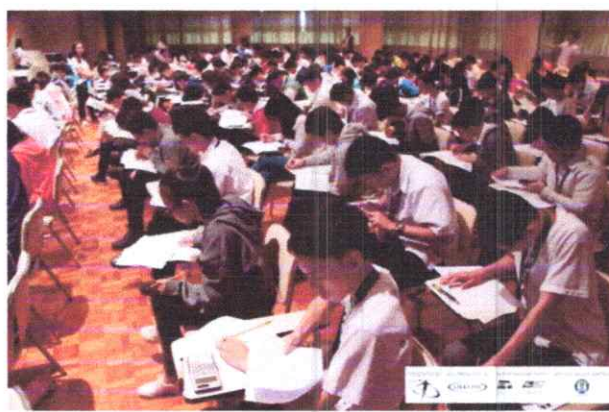
Diliman, Quezon City 1101

List of Activities/Events Conducted by the Organization

The Annual Biosciences Quiz Bee

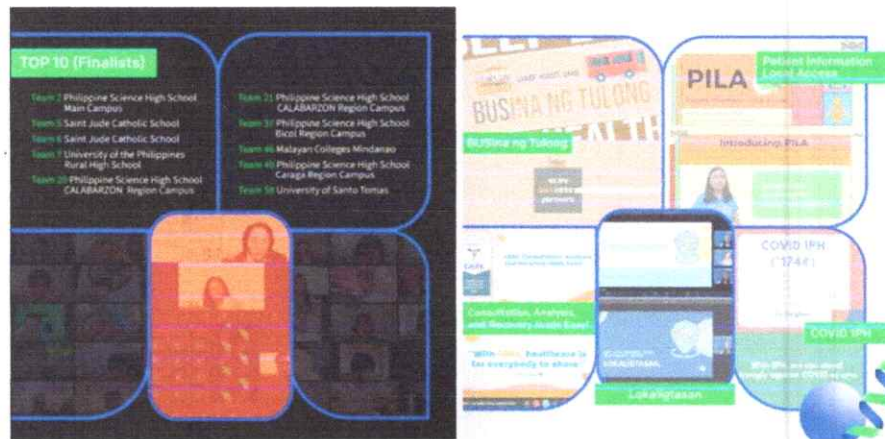
The flagship event of the organization, the annual Biosciences Quiz Bee is an academic competition for high school students from across the country, held in line with the organization's goal of promoting science and technology, and in particular molecular biology and biotechnology, among the Filipino 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.

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.



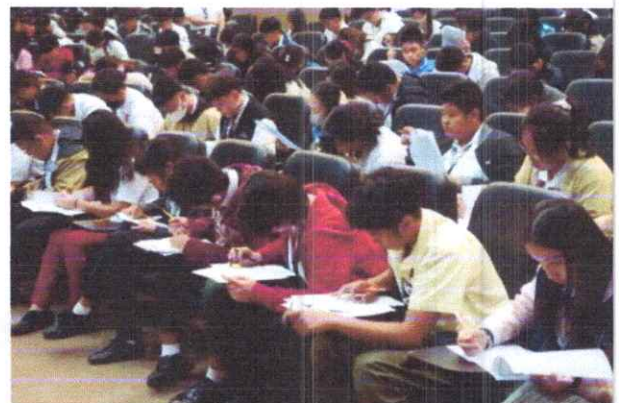
Images from the 24th Biosciences Quiz Bee last September 30, 2017 at the UP NISMED Auditorium.

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.



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

In 2024, the 29th Biosciences Quiz Bee was held at the UP Diliman Institute of Biology on November 22, 2024. The event saw over 200 students from high schools all around the Philippines compete for the championship. Bearing the theme “Treading New Pathways”, the annual quiz bee returned, alongside the course talk and lecture portions, and a new workshop segment on the basics of molecular docking that was held throughout the day.



Images from the 29th Biosciences Quiz Bee last November 23, 2024 at the UP IB Auditorium.

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. Despite the ever-changing theme and events of MBB Week, it has two mainstay events: TsaMBBahan and MBB Night.

TsaMBBahan

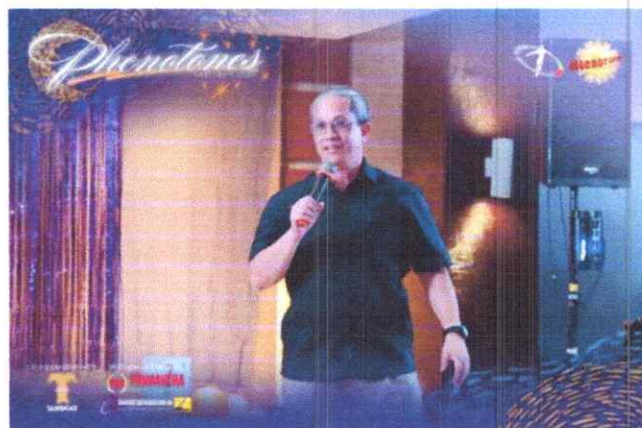
TsaMBBahan is a university-wide event held during MBB Week, usually with 100-150 participants. It is a quiz bee about pop culture and random trivia. The choices are based on the five main nitrogenous bases (adenine, cytosine, guanine, thymine, and uracil). It is mainly through this event that the organization is publicized to the university. It is open to all students of the University of the Philippines Diliman. Several MBB alumni and students outside NIMBB have participated. In 2025, TsaMBBahan was held at the Engineering Theater in Melchor Hall, UP Diliman, hosting around 90 participants..



Image from TsaMBBahan 2025, which was held onsite at the Engineering Theater in Melchor Hall, UP Diliman, 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. MBB Night 2025: Phenotones was held in the Filinvest I Clubhouse in Quezon City. With over 100 attendees, the night was filled with performances and activities made by and for NIMBB's very own.

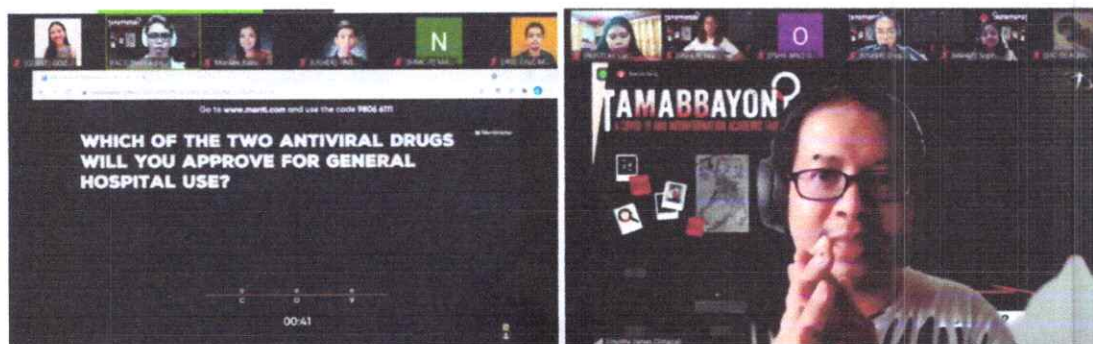


Images taken during the MBB Night 2025 held in the Filinvest I Clubhouse in Quezon City and attended by more than 100 participants, which primarily consisted of MBB students, faculty, and alumni

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. The first-ever online Academic Project held during MBB Week 2021 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?", highlighting the relevance of vaccines in addressing the pandemic in a local context. The second half featured talks on COVID-19 journalism and media led by data scientist Dr. John Q. Wong of Epimetrix, Inc. and science journalist Mr. Timothy James Dimacali of GMA News.



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 2025 kicked off with its rendition of the Academic Project, PRIMED, a one-day workshop for high school students that contained lectures on the central dogma, workshops on bioinformatics, and even hands-on sessions on DNA extraction. The interactive event allowed high school students to get a glimpse of the life that awaits them, should they pursue their tertiary education in the field of molecular biology.



MBB Week 2025's Academic Project, PRIMED, which consisted of a lecture and workshop.

Grand Pakain

MBB Week 2025 also introduced multiple new sub-events that were held throughout the week to prolong the spirit of the event, keeping it new and refreshing. The first of which was the Grand Pakain, an event spearheaded by the Recruitment Committee of the organization. For the first-ever Grand Pakain, Phagocytasty, members of MBBS gave out free ice cream in the NIMBB and around the College of Science, spreading the word about MBBS and marketing the organization to those who attended.



Images from Phagocytasty, where MBBS members gave out free ice cream to those that attended.

Garage Sale

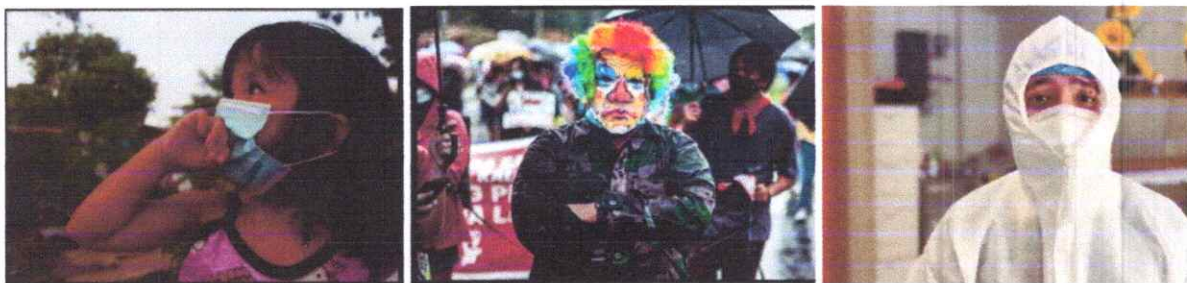
Another new addition to the MBB Week event lineup was the garage sale that was held in the NIMBB. MBB Week 2025: Microcart saw MBBS members selling different items, from textbooks to clothes, board games, and even old memorabilia. The event was a way for those who were interested to discover old tastes and hobbies of MBBS members that were to be shared to the community.



Microcart, MBB Week 2025's Garage Sale held at the NIMBB.

Exhibit

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.

The event was brought back in MBB Week 2025: Zoomed In as a sub-event spearheaded by the Secretariat Committee. Similar to *Expressions*, this event was a photojournalism and photoessay competition, and the top three entries were displayed in the halls of the NIMBB throughout MBB Week. Each photo was accompanied by a short essay on how microbes are involved in our day-to-day life.