

MERCK

Merck
**YOUNG
scientist
Award**

Indonesia | 2023

Are you ready to shine on the grand stage of scientific excellence? Be recognized for your innovative ideas and outstanding achievements in the field of life science

Submission Period

9 August - 29 September 2023



Are you ready to shine on the grand stage of scientific excellence?

The Merck Young Scientist Award (MYSA) Indonesia is calling for your **innovative ideas and outstanding achievements** in the field of life science. **MYSA Indonesia** aims to **recognize and reward** the brilliance of young minds, like yours, who are pushing the boundaries of knowledge and driving advancements in life science.

MYSA Indonesia is **committed** to fostering a **culture of curiosity and inspiration** among young scientists in Indonesia. We believe that your fresh perspectives and relentless pursuit of knowledge have **the power to shape a brighter future** for scientific exploration. As the next generation of scientific pioneers, you hold **the key to unraveling** the mysteries of life science.

Our **vision** for **MYSA Indonesia** is to address **the toughest problems in life science through collaboration with the scientific community**. We encourage you to **come together, share ideas, and embark** on a journey of discovery, where collective efforts can lead to **transformative breakthroughs**. The MYSA Indonesia is **not just an award**, it is a platform that **empowers you to make a difference** through your innovative ideas and outstanding achievements. So, seize this opportunity to be recognized and celebrated for **your contributions** to life science.

Join us and be part of this extraordinary celebration of scientific excellence. **Submit your remarkable work** to MYSA Indonesia now and let your brilliance shine and be celebrated.

Dare to dream, dare to innovate, and together, let's pave the way for a brighter future of scientific advancements in Indonesia! Your brighter future awaits!





Eligibility

1

A Young Scientist, **not more than 40 years old** by 31 December 2023

2

Indonesian citizen
based in Indonesia

3

Researcher with minimum
bachelor's degree (S1)/
S1 graduate

4

Researcher should be a part of
an institution (e.g. part of
universities, private and
state research institutions,
and/or hospitals in
Indonesia)



Research Criteria

1. Wet lab research proposals or ongoing projects with a maximum of **50% progress** are accepted (not including literature study)

2. Research Applications:

A. Infectious Disease

B. Cancer Research

C. Material Science

D. Drug Discovery

E. Industrial & Green Chemical Synthesis

3. Research proposals or ongoing project must include one or more focus research method as follow:

- Mammalian cell culture (basic cell culture, stem cell, 3D cell culture, organoids, cell-based assay, cell imaging, 3D bioprinting)
- Plant tissue culture
- Genomics (purification DNA/RNA, PCR, qPCR, CRISPR, sequencing)
- Proteomics (protein purification, SDS-page, western blotting) & Immunoassay (ELISA, IHC, IF, FC, ICC, etc.)
- Chromatography
- Microbiology
- Microscopy imaging
- Catalysis reaction (photocatalysis, electrocatalysis, and other catalysis reaction)
- Material research (nanomaterial, polymer material, battery material, etc.)

4. The research proposal **must be approved by the institution** (accompanied by a reference letter signed by the Head of the Department)
5. The research should be conducted **entirely in Indonesia**
6. The research must be **wet-laboratory-based within the life science field.**
Full in-silico/bioinformatics, literature review, epidemiology study, and behavioral or social research are not eligible



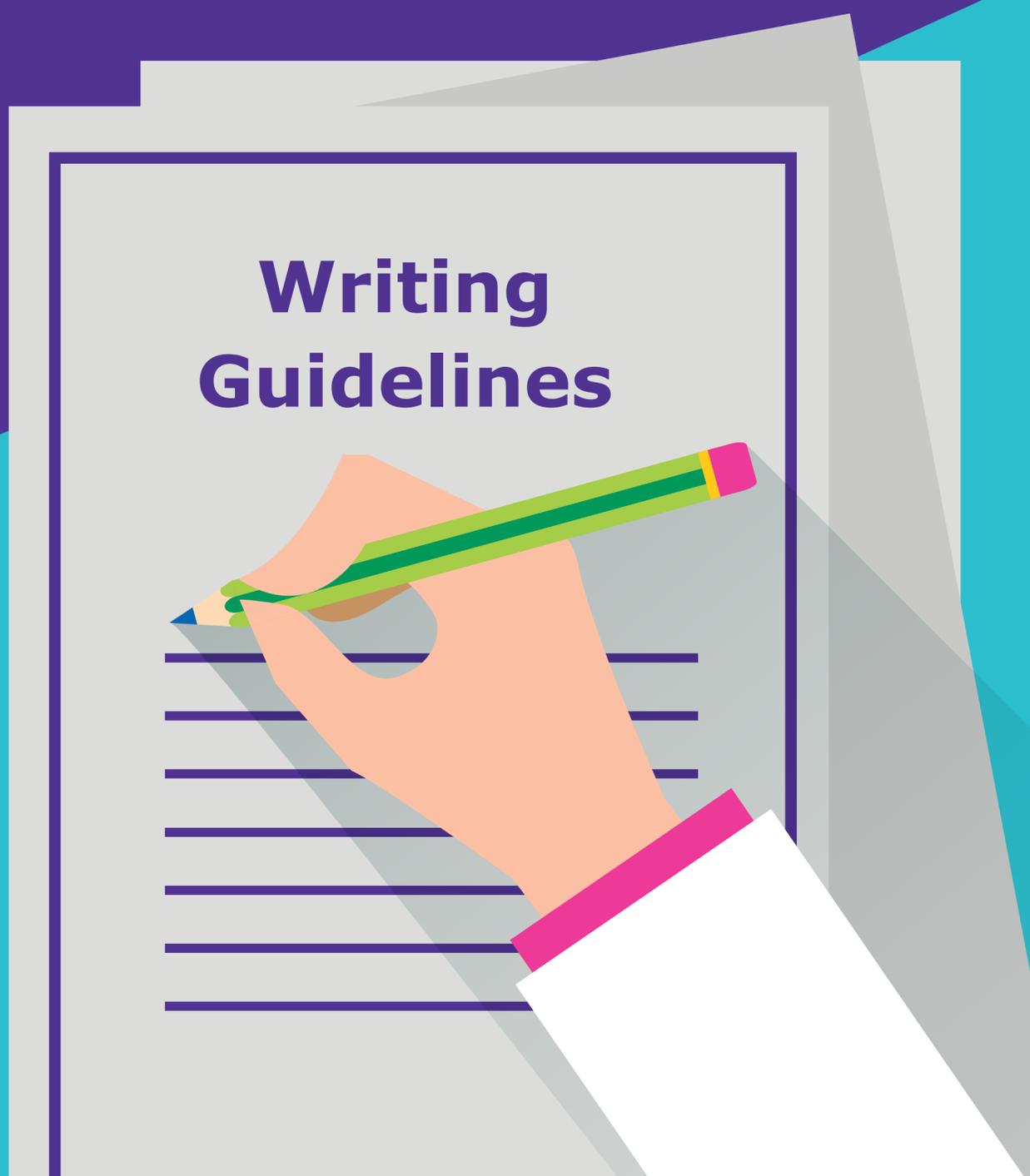


Submission Guidelines

1. Submission period 9 Aug - 29 Sept 2023
2. Submission form can be filled and completed online through the following link:
www.SigmaAldrich.ID/MYSA2023
3. All submissions must be written in English
4. Limited to **one (1) application** per person
5. **Reference Letter** from the university/institution for the approved research proposal/ongoing projects is required
(download template at www.SigmaAldrich.ID/MYSA2023)
6. **Curriculum Vitae** is required
(download template at www.SigmaAldrich.ID/MYSA2023)
7. **Research Summary Format**
(download template at www.SigmaAldrich.ID/MYSA2023)
 1. Research Title
 2. Year of Research
 3. Abstract
 4. Name of Researcher(s) involved (main researcher should be mentioned first)
 5. Research Background
 6. Research Objective
 7. Research Novelty
 8. Research Methodology (Materials & Methods)
 9. Research Progress (Expected Result and Discussion)
 10. Research Timeline
 11. Research Budget Plan
 12. Publication and Name of Publisher (if the research has been partly published)
 13. References

8. Writing Guidelines:

1. The research summary is written in **word document (.doc)** format.
2. The research summary is written in proper **English**.
3. Font: **Verdana, size 11, and 1.5 line spacing**.
4. **A4 paper**, standard margins.





The Semifinalists & Finalists Selection

- 1. The 12 semifinalists** will be announced on **27 October 2023** and invited to showcase their posters during **Judging Day**, tentatively to be conducted on **23 November 2023**.
- 2. The Top 5 finalists will be chosen** and announced during the Judging Day.
- 3. The Top 5 finalists will present** their research at the final stage of the Judging Day.
- 4. The Winners** will be announced at the **Awarding Day Ceremony** tentatively to be conducted on **23 November 2023**.





Prizes

The Award Winner will receive the following rewards and recognition for their exceptional achievement.

1st
Winner

IDR 50,000,000*

(IDR 25,000,0000 + product voucher)

2nd
Winner

IDR 30,000,000*

(IDR 15,000,0000 + product voucher)

3rd
Winner

IDR 20,000,000*

(IDR 10,000,0000 + product voucher)

4th
Winner

IDR 5,000,000

5th
Winner

IDR 5,000,000

*Prizes included cash + Merck product voucher



How to Apply

The Submission Period:
9 August - 29 September 2023

The submission form must be filled
and completed online through the
following link:

www.SigmaAldrich.ID/MYSA2023



**Scan me
to apply**



mysa-id@merckgroup.com
(Dinia/Yulianti)