

Research Collaborators

Medicinal Chemist

- Prof. Dr. apt. Bambang Tri Purwanto, M.Si
- Prof. Dr. apt. Nuzul Wahyuning Diyah, M.Si
- Dr. apt. Tri Widiandani, S.Si., Sp.FRS

Organic Chemist

- Prof. Dr. apt. Juni Ekowati, M.Si
- Prof. Drs. apt. Hadi Poerwono, M.Sc., Ph.D
- Prof. Drs. apt. Marcellino Rudyanto, M.Si., PhD
- Dr. apt. Suzana, MS
- apt. Melanny Ika Sulistyowaty, S.Farm, M.Sc, Ph.D
- apt. Kholis Amalia Nofianti, S.Farm., M.Sc

Consultant

- Prof. Dr. Siswandono, M.S.



Vision

To become an independent, innovative, and leading research group in Indonesia in the area of developing medicine.

Mission

- 1.To enhance the quality and quantity of research focused on drug discovery activities, sourced from both synthesis and natural materials.
- 2.To develop drug development research products applicable for patenting, and increase the number of national and international research publications.
- 3.To conduct the development of rational drug design and synthesis methods to yield high - quality research products.
- 4.To involve undergraduate, master's, and doctoral students from both the Faculty and Universitas Airlangga, as well as from domestic and international institutions, in relevant drug development programs.
- 5.To strengthen networking and national also international research collaboration that leads to high - quality research finding.
- 6.To establish a network with relevant associations/research institutions and pharmaceutical industries for research funding mobilization.
- 7.To promote and contribute to programs aimed at strengthening the downstream commercialization of research outcomes, ensuring their benefits are realized by the wider community.



DRUG DEVELOPMENT RESEARCH GROUP

Department of Pharmaceutical Science
Faculty of Pharmacy
Universitas Airlangga

Contact Us

✉ bambang-t-p@ff.unair.ac.id

✉ tri-w@ff.unair.ac.id

🌐 www.drugdevelopment.ff.unair.ac.id

10-Year Program

Years 2020-2025

1. Proactively respond to research program proposals from various funding bodies for drug development research.
2. Inventory cooperation/collaboration with relevant stakeholders in drug development research.
3. Establishment of laboratory operations in the new building.

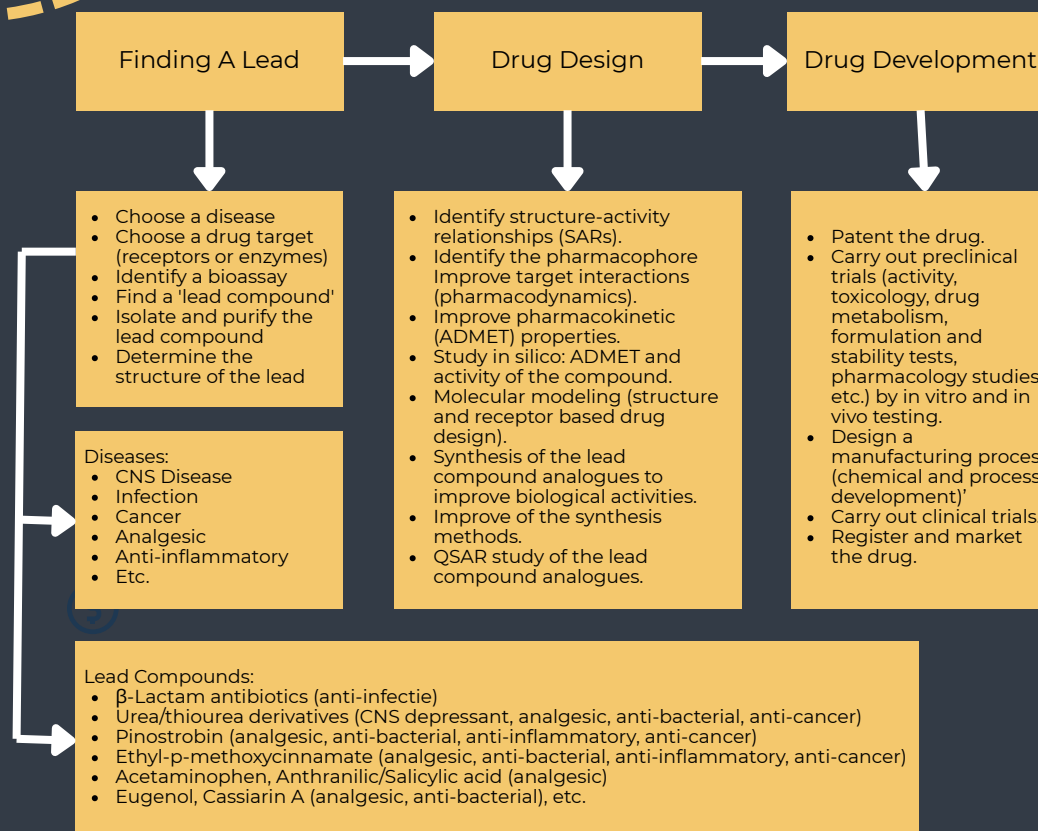
Years 2026 - 2030

To conduct the downstream commercialization of research outcomes through community engagement programs or other relevant initiatives to ensure the benefit of research findings to the wider public.

Facilities & Services

1. Physical Resources: A representative laboratory
2. Laboratory equipment and instruments, molecular modeling software, statistical analysis software, a cell culture laboratory, and easily accessible e-books and e-journals.
3. Testing Service Unit for structural confirmation/elucidation (FT-IR, C and H-NMR, GC-MS, etc.), in silico testing (docking and molecular dynamics), and anticancer activity testing (cytotoxicity, proliferation, apoptosis, etc.) on various cell lines.
4. Resource sharing facilities with relevant faculties, work units from Airlangga University, or other institutions.
5. Facilities accessible through collaborations with overseas universities via staff who have studied or are currently studying abroad

Research Roadmap



Human Resources

6 Professors, 3 Doctors (Associated Professor), and A Master's

Finance Resources

DRTPM Grant, ARF Grant, BRIN Collaborative Grant, Thesis/Doctoral Grants, etc.