



Pengenalan Kebijakan, Dana, dan Sarana Penelitian di **Universitas Indonesia**

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Prof. Agung Waluyo, Ph.D.
Director of Community
Engagement and
Empowerment

Director of Administration and
Management of Research and
Innovation (Acting)

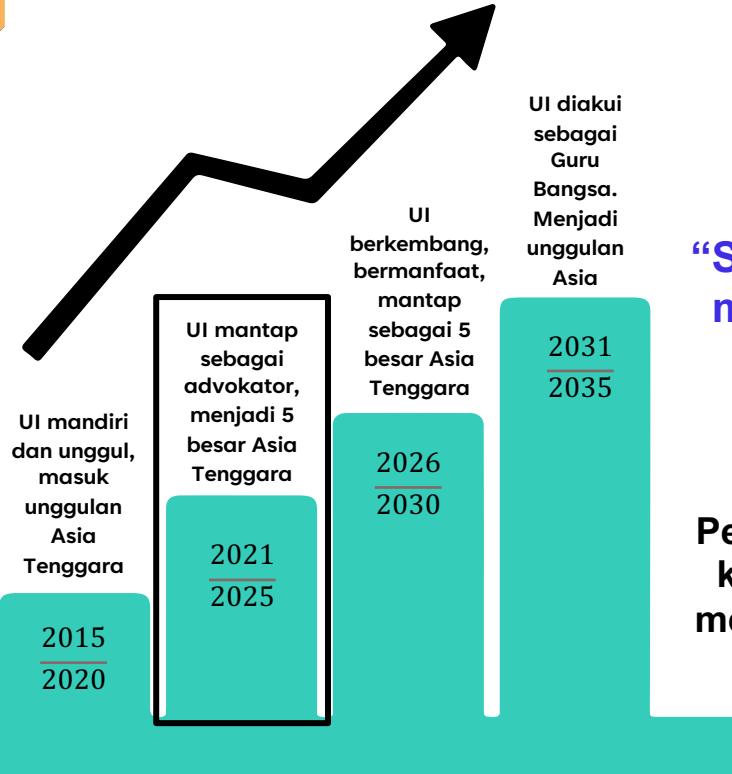


Ahmad Gamal, Ph.D.
Director of Innovation
and Science Techno-
Park



Kebijakan Penelitian **Universitas Indonesia**

Basis Kebijakan



“Situasi terkini, UI masih berada di posisi 10 Asia Tenggara”

Perlu terobosan khusus untuk mencapai target Top 5 besar

#1 In Indonesia

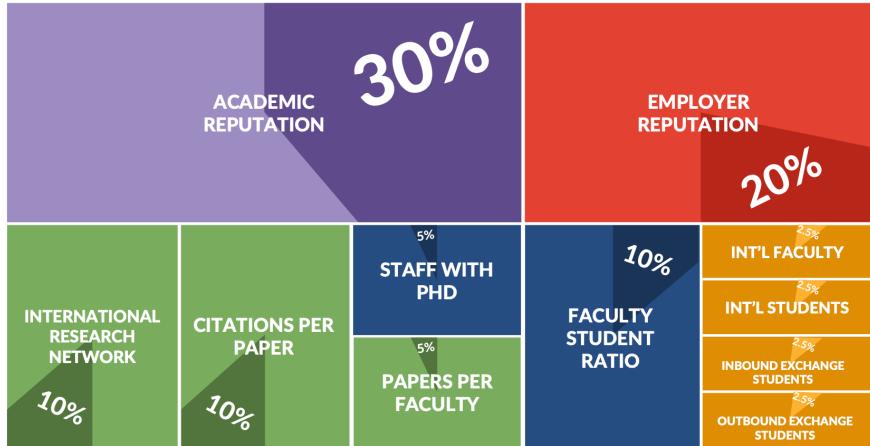
#10 In Southeast Asia

#48 In Asia

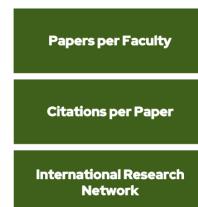
- 1 National University of Singapore (NUS)
- 2 Nanyang Technological University (NTU)
- 3 Universiti Malaya (UM)
- 4 Universiti Putra Malaysia (UPM)
- 5 Universiti Kebangsaan Malaysia (UKM)
- 6 Universiti Sains Malaysia (USM)
- 7 Universiti Teknologi Malaysia (UTM)
- 8 Taylor's University
- 9 Chulalongkorn University
- 10 Universitas Indonesia

“...Kualitas luaran hasil penelitian (yang dihitung dalam bentuk sitasi) menjadi komponen utama dalam penelitian kinerja penelitian sebuah PT...”

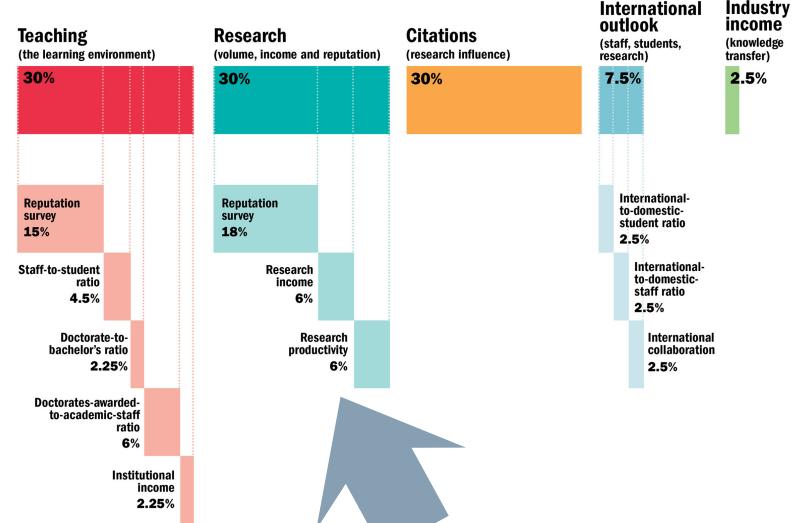
QS Asia Rankings Methodology



Regional Rankings: Research Indicators



THE World University Ranking



THE WORLD UNIVERSITY RANKINGS
www.thewur.com

The calculation of the Times Higher Education World University Rankings has been subject to independent audit by professional services firm PricewaterhouseCoopers (PwC)

For more information on the methodology and the PwC audit, visit www.thewur.com/methodology/2017

Take home message from QS Rank and QS Consultancy



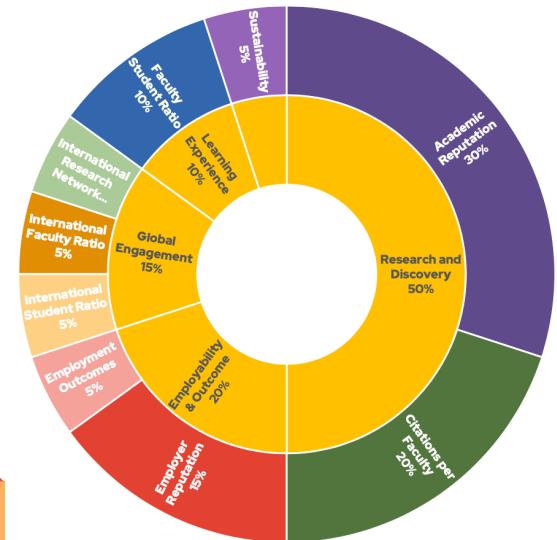
Country Performance

University

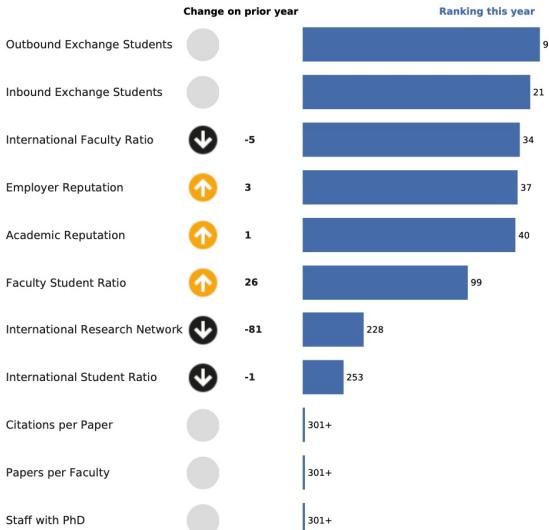
University of Indonesia
Universitas Gadjah Mada
Bandung Institute of Technology (ITB)
Airlangga University
IPB University

	Rank 2023	Rank 2024
	248	237
	231	263
	235	281
	369	345
	449	489

Key Takeaways



UI Performance at QS Asia Ranking 2024



Citations per Faculty

Ranked 9th with the lowest score of 2.0, indicating a significant improvement area.

Recommendations:

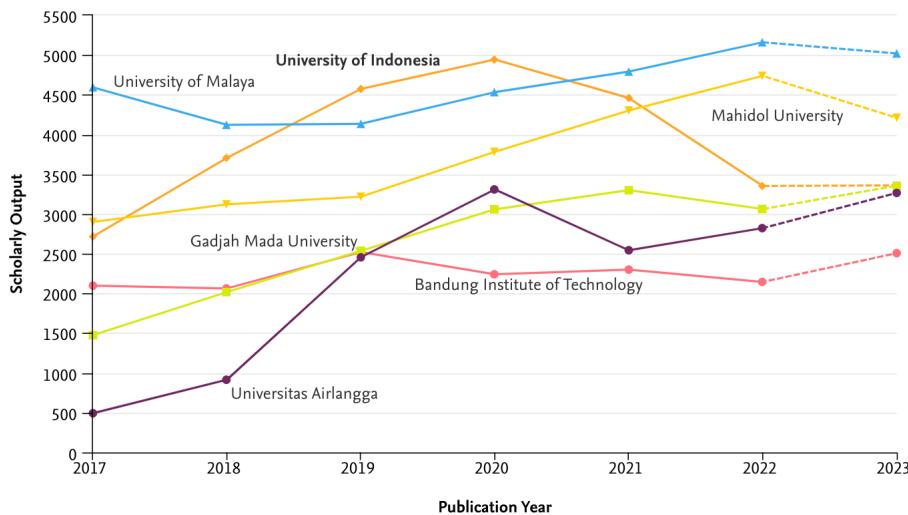
- Increase funding for research and incentivize faculty to engage in innovative projects.
- Encourage interdisciplinary research collaborations to increase research diversity.
- Provide support for publishing in high-impact journals to boost citations.

The International Research Network (IRN) Index provides valuable insights into the global engagement and diversity of research partnerships.

For the University of Indonesia, understanding and strategically implementing the principles of the IRN Index can lead to enhanced international collaborations, diversified research networks, and a stronger global presence.

By focusing on long-term, diverse, and globally relevant research partnerships, the university can improve its ranking in this critical area, contributing to its overall reputation and impact in the academic world.

“...Strategi yang dilakukan untuk meningkatkan sitasi adalah: (1) mendorong publikasi di Jurnal Q1, (2) mendorong kolaborasi internasional, (3) mendorong publikasi di *trending topic* dunia...”

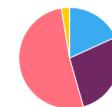


Perbandingan publikasi beberapa PT di ASEAN dalam hal luaran artikel dan review (tidak termasuk prosiding)

Publications by Journal quartile

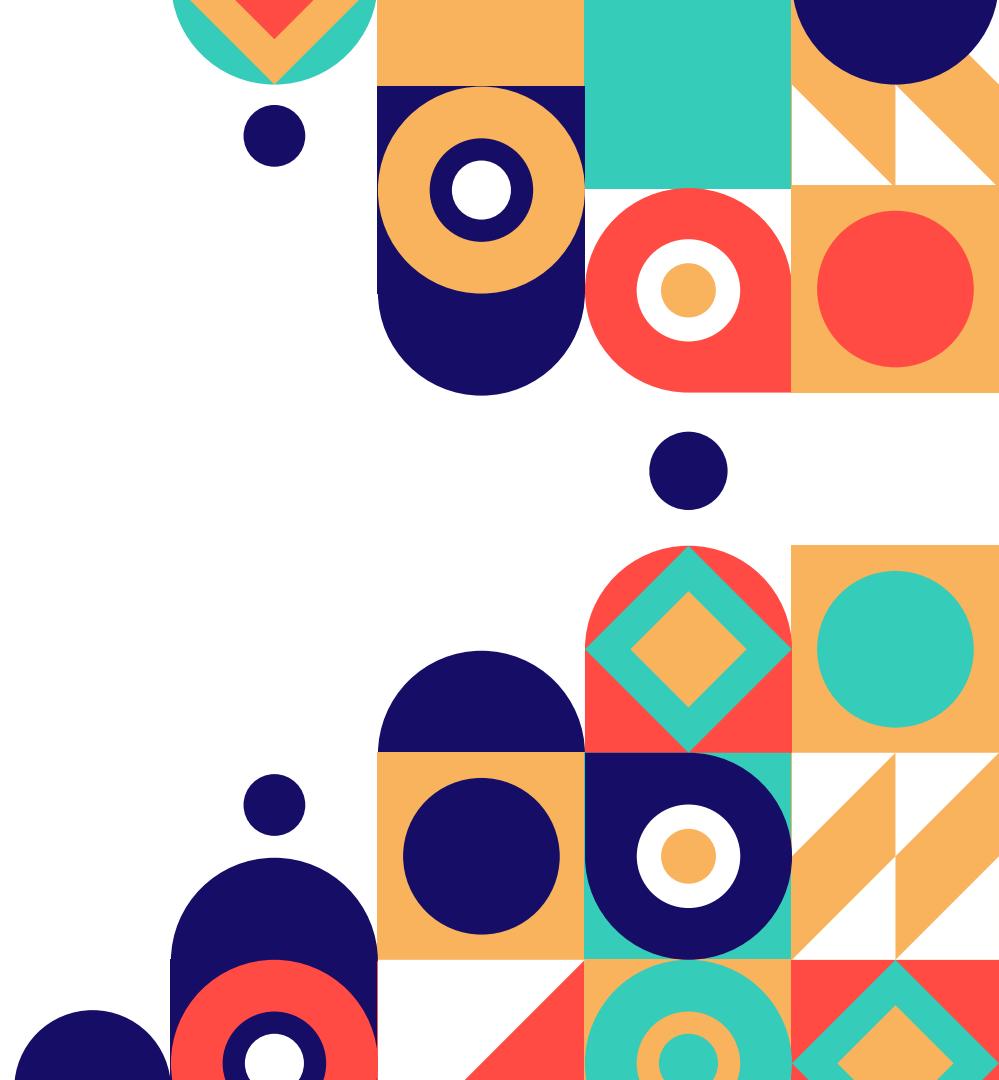


Data publikasi UI berdasarkan jenis kolaborasi



Metric	Scholarly Output	Citations
International collaboration	4,486	71,186
Only national collaboration	6,757	20,637
Only institutional collaboration	12,794	34,927
Single authorship (no collaboration)	650	1,413

Dana Penelitian **Universitas** **Indonesia**





SKEMA HIBAH

4 skema Hibah Riset UI tahun 2024

01

PUTI HI-IMPACT

Hibah riset untuk menghasilkan artikel di jurnal internasional level Q1 dengan SJR Score ≥ 1 atau 2 artikel di jurnal internasional terindeks Scopus dengan level Q1

Rp200.000.000,-

02

PUTI Q1

Hibah riset untuk menghasilkan artikel di jurnal internasional level Q1 di Scimago JR

Rp150.000.000,-

03

PUTI Q2

Hibah riset untuk menghasilkan artikel di jurnal internasional level Q2 di Scimago JR

Rp100.000.000,-

04

PUTI PASCASARJANA

Hibah riset untuk menghasilkan artikel di jurnal internasional level Q3 di Scimago JR

Rp50.000.000,-



KRITERIA KHUSUS

per skema hibah

PUTI HI-IMPACT

- Dosen PNS/PUI : min. S3
- Wajib kolaborasi internasional
- Wajib sesuai topik prioritas
- Beranggotakan periset dari:
 - a. Dua (2) rumpun ilmu; atau
 - b. Dua (2) fakultas dalam 1 rumpun ilmu.

01

PUTI Q1

- Dosen PNS/PUI bergelar min. S3
- Wajib Kolaborasi internasional (LoA)
- Wajib sesuai topik prioritas

02

PUTI Q2

- Dosen PNS/PUI bergelar min. S2
- Wajib Kolaborasi internasional (LoA)
- Wajib sesuai topik prioritas

03

PUTI PASCASARJANA

- Magister: Dosen pembimbing
- Doktor: Promotor/Co-Promotor
- direkomendasikan adanya kolaborasi Internasional dan kesesuaian dengan topik prioritas

04

Skema Konsorsium (Kompetitif/Penugasan)

The first cohort of PRIME program will be emphasized on the effort to combat the recent global COVID-19 pandemic.



PRIME is funded by LPDP and Universitas Indonesia was selected as the leading institution for the consortium



Riset Kolaborasi Indonesia 2022



- Riset Kolaborasi Indonesia (RKI) 2023 diperluas untuk mengakomodasi kerjasama 21 PTNBH dan BRIN
 - Pada 2023, Program BISA Matching Fund diperluas dengan kerjasama bersama UTM, MMU, Sunway University, dan Australia-Indonesia Centre (tentative)

UKICIS is an Anglo-Indonesian alliance pioneering research and expertise to build global resilience against pandemics, the climate emergency, and natural hazards. It serves to develop and enhance educational, economic, and cultural links through outreach activities and community engagement.



UI-UiTM BISA
Bilateral Strategic
Alliance



Matching fund program to support research activities within UI and UiTM. Total **20** joint research projects have been awarded since 2022

- Riset Kolaborasi Indonesia (RKI) 2023 diperluas untuk mengakomodasi kerjasama 21 PTNBH dan BRIN pada 2023. RIKI 2023 dilaksanakan di Universitas Pendidikan Ganesha (UPT PGRI), Universitas Muhammadiyah Malang (UM), MMU, dan UIN

Peluang Pendanaan External - 2023



Informasi peluang pendanaan dan Hibah eksternal secara rutin disebarluaskan oleh Direktorat Riset dan Pengembangan melalui nota dinas tertulis, email, maupun sosial media

Peluang Pendanaan External (lanjutan) - 2023



Penerimaan Proposal Penelitian Kerja Sama Indonesia - Belanda



Topik proposal pendanaan ini adalah Resilient Healthcare System for Pathogen Outbreak Preparedness.

KETENTUAN:

- Ketua tim pengusulan dari pihak Indonesia adalah dosen peneliti perguruan tinggi di Inggris yang dilantik Diktrikstir. Peneliti dari KU lainnya dapat mengikuti tim peneliti.
- Proposal yang disusun adalah proposal bersama (*joined - proposal*) Indonesia - Belanda sesuai template proposal (Lampiran 2).
- Tim penelitian dari Indonesia menganjurkan proposal bersama melalui sistem BIMA (dalam format .pdf, ukuran max 5MB) yang akan dibuka mulai tanggal 15 April 2023;
- Tim penelitian dari Belanda menganjurkan proposal bersama melalui sistem ISAAC;
- Ketentuan dan persyaratan secara lebih lengkap dapat dijelaskan pada pedoman pengusulan dan template proposal (Lampiran 2).

The banner features the logo of Universitas Indonesia at the top left. The main text is centered, reading "Calling Scientists for nominations APEC Science Prize for Innovation, Research and Education (ASPIRE) 2023". To the right is a light blue microscope. At the bottom, there is a call to action with links to research.uac.id/research/ and dipn.uac.id.

A large yellow circular banner for the "LPS CALL FOR RESEARCH 2023". The text "LPS CALL FOR RESEARCH 2023" is written in a stylized font inside the circle. At the top right, it says "Pendaftaran GRATIS". Below the main title, there's a quote in Indonesian: "Pengembangan dan Penguatan Sektor Keuangan dalam Menghadapi Ketidakpastian Global dan Mendorong Perkembangan Ekonomi". The banner also features the logo of the Indonesian Institute of Sciences (LIPI) at the bottom left.

**DIREKTORAT
DILAKUKAN PENGETAHUAN
UNIVERSITAS INDONESIA**

illumina

**The 2023 Illumina Polygenic Risk Score
Research Grant Contest**

Program hibah berikut ditujukan kepada ilmuwan dengan fokus pada genomik di institusi akademik, atau nirlabir.

Adapun tujuan program ini yaitu mencakup dunia penelitian, dampak sosial, kolaborator, bangsa diwakili, teknologi yang digunakan, dan sumber pendanaan lainnya

**Batas waktu pengiriman aplikasi paling lambat
Senin, 31 Juli 2023.**

Informasi lebih lanjut dapat dilihat melalui tautan,
<https://bit.ly/illumina2023>

**Untuk info lain,
silahkan follow
@risbangui**



Informasi peluang pendanaan dan Hibah eksternal secara rutin disebarluaskan oleh Direktorat Riset dan Pengembangan melalui nota dinas tertulis, email, maupun sosial media



Sarana Penelitian **Universitas** **Indonesia**

Portal Riset dan Inovasi UI



Welcome to Universitas Indonesia

Central Library
The Crystal of Knowledge

We're committed to doing all we can to assist in the global response to the Coronavirus (COVID-19) pandemic.

Explore all our related research and expertise

Equipment: 43

Profiles: 2400

Research units: 214

Research output: 48104

Projects: 7231

Activities: 80

Press/Media: 262

Welcome to Universitas Indonesia Research Portal

At Universitas Indonesia we aim to deliver and implement our research, knowledge, innovations, technologies, skills and services regionally, nationally and internationally with impact that benefits society, partners and stakeholders. The UI Research Portal is an up to date research information source of Universitas Indonesia (UI). As a key instrument of UI's Research and Knowledge Exchange, the UI Research Portal aims to enhance the visibility of UI authors and the impact of their research as well as to

“Informasi sarana dan fasilitas penelitian di UI telah tersedia di portal riset dan inovasi UI”

Silahkan Kunjungi:
scholar.ui.ac.id

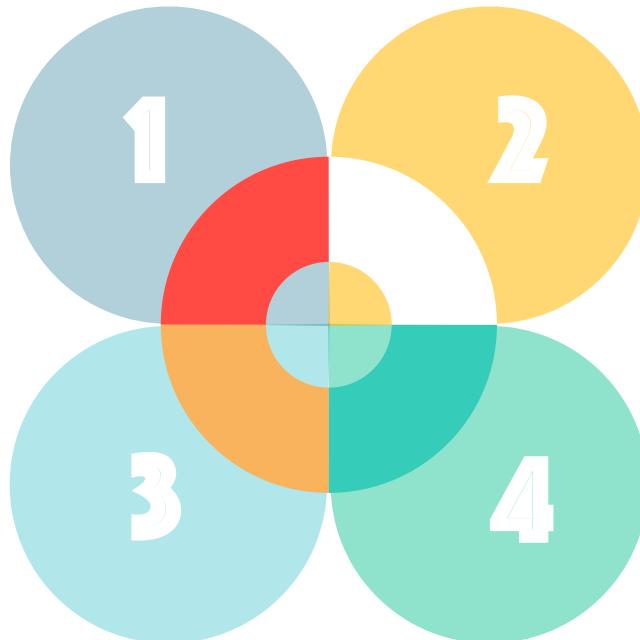
Pengelolaan Sarana, Fasilitas, Laboratorium Penelitian di Lingkungan UI

Sarana Penelitian di PAU

Sarana yang ada di bawah koordinasi Bidang Riset dan Inovasi;
Ex: Lab. ILRC, Lab. Bioanalisis UI-Daewoong, Teaching Lab. STP
(dalam tahap pembangunan)

Sarana Penelitian di UKK

Sarana yang tersebar dan dimiliki oleh Unit Kerja Khusus (UKK) baik UKK PPM, UKK RSP, maupun UKK PI; Ex: IMERI, PRVKP, LBI, dll



Sarana Penelitian di Fakultas/Sekolah/Program Vokasi

Sarana yang tersebar di bawah koordinasi Fakultas/Sekolah/Program Vokasi

Sarana Penelitian Lainnya

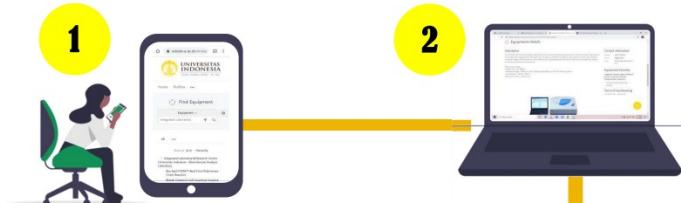
Sarana yang berasal dari hasil kerjasama dengan pihak lain,
Ex: Joint Lab Network

Laboratorium Layanan ILRC

Daftar Laboratorium & Alat:

1. **Laboratorium TEM**
 - FEI Tecnai G2 S-Twin TEM/STEM
2. **Laboratorium NMR**
 - Bruker-Avance 500 MHz, Nuclear Magnetic Resonance Spectrometer
3. **Laboratorium Karakterisasi Material**
 - Quantachrome Quadrasorb-Evo Surface Area and Pore Size Analyzer
 - Quantachrome - Cham-BET PULSAR TPR/TPD Chemisorption Analyzer
 - Horiba-SZ 100z Particle Size Analyzer
 - Horiba - The LabRAM HR Evolution Raman Microscopes
 - Horiba MiCO5 Photoluminescence Microspectrometer
 - Horiba FluoroMax Hybrid Fluorescence Spectroscopy
 - Horiba OpenFlex Surface Plasmon Resonance Imaging
 - Thermo Scientific - Nicolet iS50 FTIR + NIR Spectrometer
 - TA instrument-DHR1 Rheometer
4. **Laboratorium Analisa Biomolekular**
 - Nikon C2+ Eclipse Ti2-E Laser Confocal Microscope
 - Nikon C-I Fluorescence Microscope
 - BioTek Instrument- Synergy H1MF Microplate Spectrophotometer
 - Biotek Cytation1 Cell Counting Imaging
 - NanoDrop™ One Microvolume UV-Vis Spectrophotometer
 - Bio-Rad CFX96™ Real-Time Polymerase Chain Reaction
 - PCRmax - Ecoq8 Real Time Polymerase Chain Reaction
5. **Laboratorium Kromatografi**
 - Thermo Scientific Dionex ICS-6000 Ion Chromatography
 - YL Instrument - YL9900L Single Quadrupole Compact Mass Spectrometer for Liquid Sample
 - YL Instrument- GCMS YL 6900 Gas Chromatography Mass Spectrometry
 - Armen Instrument Gilson Grinder Centrifugal Partition Chromatography
 - Teledyne Tekmar - Lotix TOC Analyzer
 - Aqua Diagnostic - PeCOD L50 COD Analyzer

Tata Cara Pendaftaran Layanan



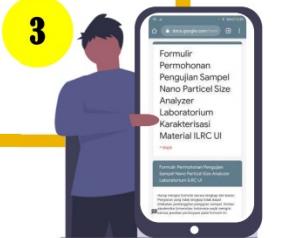
Pengguna layanan membuka halaman web: scholar.ui.ac.id/en/equipments dan memilih alat yang diperlukan.



Pada halaman alat yang dipilih, arahkan layar pada bagian *Contact information*, lalu klik tautan di sebelah kanan *LINKS* untuk pengisian formulir.



Setelah mengisi formulir, Anda akan masuk ke dalam daftar antrian, yang dapat dilihat pada bit.ly/AntrianILRC. Anda akan mendapatkan email konfirmasi pemanggilan untuk mengantarkan sampel ke Lab ILRC.



Pengguna layanan wajib mengisi seluruh bagian formulir dengan baik dan benar, serta memastikan anda memberi alamat email yang aktif.



Untuk informasi tarif dan antrian pelayanan, silahkan kunjungi website ILRC

Hubungi Kami:

**INTEGRATED LABORATORY & RESEARCH CENTER
UNIVERSITAS INDONESIA**

Gedung ILRC lantai 3, Depok, Jawa Barat

Telp. +62 21 7270152 (ext. 1300)

Email: ilrc@ui.ac.id

Website: <https://scholar.ui.ac.id/en/equipments/>

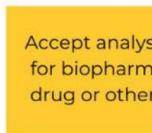
Laboratorium Bioanalisis UI-Daewoong



BIOANALYTICAL
LABORATORY UNIVERSITA INONDSEDAEWOONG FOUNDATION



Analysis center open
for UI academics
and external parties.



Accept analysis service
for biopharmaceutical
drug or other samples



Free of charge
specific for UI
academics*



Work done by
trained laboratory
operators

*Terms are applied

No.	Instrument Name
1	Threshold Immunoassay System
2	Gas Chromatography/Headspace system/FID
3	Atomic Absorption Spectrometer (AAS)
4	Circular Dichroism (CD) Spectrometer
5	Differential Scanning Calorimetry (DSC)
6	Dynamic Light Scattering (DLS)
7	Microplate Reader
8	High Performance Liquid Chromatography (HPLC)
9	Polarimeter
10	Fourier Transform Infrared Spectrophotometer (FTIR)
11	Spectrophotometer UV-Vis
12	Potentiometric titrator
13	Melting point
14	Karl Fischer titrator
15	Osmometer
16	Centrifuge
17	Microcentrifuge
18	Compact centrifuge
19	Electrophoresis Kit
20	Western Blot Transfer Device (dry)
21	Heating Block
22	Laboratory reactors
23	Franz Diffusion Cells
24	Ultrasonic bath
25	Analytical balance
26	Static Electricity Remover
27	pH/conductivity meter
28	Magnetic stirrer
29	Hot plate stirrer
30	Water bath
31	Microplate washer
32	Microplate shaker
33	Freeze dryer
34	Lab Water System
35	Freezer (-20°C)
36	Refrigerator (2~4°C)
37	Deep freezer (-70°C)
38	Stability chamber
39	Photostability chamber
40	Freezer&Refrigerator for Longterm Stability

No.	Instrument Name
41	Reagent storage cabinet
42	Furnace
43	Fume hood
44	Dry oven
45	Incubator
46	Biosafety cabinet
47	CO ₂ incubator
48	Automated cell counter
49	Microscope
50	LN ₂ Storage Container (open brand)
51	Manual pipette controller
52	Automatic pipette Controller
53	Micropipette single channel
54	Micropipette multi-channel
55	Automatic micropipette single channel
56	Automatic micropipette multi-channel



Atomic Absorption
Spectrometer (AAS)



GC/HS/FID



CD Spectrometer



Differential Scanning
Calorimetry (DSC)



Dynamic Light
Scattering (DLS)

Untuk informasi tarif dan
antrian pelayanan,
silahkan kunjungi website
Lab UI-DF

**BIOANALYTICAL
LABORATORY UI-DF
SERVICES**

ILRC UI Building, 4th Floor
University of Indonesia - Depok\

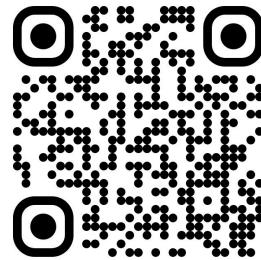
ilrc@ui.ac.id



Scan me!

Katalog Database Laboratorium Penelitian dan Pendidikan di Lingkungan UI

“List sarana penelitian yang tersebar di Fakultas/Sekolah/Program Vokasi dapat diperoleh di Katalog Database Lab. Penelitian dan Pendidikan yang dihimpun oleh Direktorat Riset dan Pengembangan”



Scan me!

Thank you

Do you have any questions?

Direktorat Riset dan Pengembangan
Universitas Indonesia
Email: drpm@ui.ac.id

