



INSTITUT TEKNOLOGI BANDUNG

LEMBAGA PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT

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Nomor : 1277/IT1.B07.1/TA.00/2021

21 April 2021

Lampiran : Satu berkas

Perihal : Penetapan Penerima Dana *The Asahi Glass Foundation*
Overseas Research Grant 2021

Yang terhormat,

1. Dekan FITB
2. Dekan FMIPA
3. Dekan FTI
4. Dekan FTTM
5. Dekan SAPPK
6. Dekan SF
7. Dekan SITH
8. Dekan STEI

Institut Teknologi Bandung

Menindaklanjuti surat *Senior Executive The Asahi Glass Foundation* tanggal 19 April 2021, bersama ini dengan hormat kami sampaikan bahwa berdasarkan hasil ketetapan *Board of Directors The Asahi Glass Foundation*, proposal yang diajukan oleh para peneliti terlampir dinyatakan **disetujui** untuk didanai melalui Program *Overseas Research Grant, The Asahi Glass Foundation 2021*.

Berkaitan dengan Program *The Asahi Glass Foundation 2021* tersebut, kami sampaikan hal-hal sebagai berikut:

1. Program akan dikelola oleh masing-masing Fakultas/Sekolah;
2. Waktu pelaksanaan Program adalah mulai tanggal 1 Juli 2021 s.d. 30 Juni 2022;
3. Informasi mengenai permintaan Rencana Anggaran dan Biaya (RAB) akan disampaikan kemudian.

Demikian kami sampaikan. Atas perhatian dan kerjasama yang diberikan, kami ucapkan terima kasih.

Ketua LPPM,

Ir. R. Sugeng Joko Sarwono, M.T., Ph.D.
NIP. 196803271995031002

Tembusan Yth.

Wakil Rektor Bidang Riset dan Inovasi ITB (sebagai laporan).

Lampiran Surat Ketua LPPM
 Nomor : 1277/IT1.B07.1/TA.00/2021
 Tanggal : 21 April 2021

Daftar Penerima *The Asahi Glass Foundation Overseas Research Grant 2021*

No	Nama	Kelompok Keahlian	Fakultas/ Sekolah	Judul
1	Isa Anshori, S.T., M.Eng., Ph.D.	Teknik Biomedika	STEI	<i>Electrochemical Sensor Development based on Bipyramid Gold Nanoparticle for Label-Free Dopamine Detection</i>
2	Rindia Maharani Putri, S.Si., M.Si., M.Sc., Ph.D.	Biokimia	FMIPA	<i>Transformation of Tropical Marine Diatoms into Light-Activated Catalysts for Treatment of Palm Oil Mill Effluent (POME)</i>
3	Dr. Endra Gunawan, S.T., M.Sc.	Geofisika Global	FTTM	<i>Hunt for Fault Sources Responsible for Damaging Jakarta Metropolitan Area Environmentally</i>
4	Dr. Megawati Zunita, S.Si., M.Si.	Perancangan dan Pengembangan Proses Teknik Kimia	FTI	<i>Formic acid production from biomass using ionic liquid-based process</i>
5	Dr. techn. Dudy Darmawan Wijaya, S.T., M.Sc.	Geodesi	FITB	<i>A space-based geodetic technique for mitigating hydro-meteorological disasters in Indonesia</i>
6	Dr. Eng. Yosi Agustina Hidayat, S.T., M.T.	Sistem Industri dan Tekno-ekonomi	FTI	<i>Reverse Supply Chain Conceptual Model to Reduce Plastic Packaging Waste as Result of Increasing e-Commerce Sales during COVID-19 Pandemic</i>
7	Azzania Fibriani, S.Si., M.Si., Ph.D.	Genetika dan Bioteknologi Molekular	SITH	<i>Isolation and characterization of ACE2-like enzyme from endogenous Indonesian microorganism in fermented food as an alternative treatment for COVID-19</i>
8	Nurrohman Wijaya, S.T., M.Sc.	Pengelolaan Pembangunan dan Pengembangan Kebijakan	SAPPK	<i>Assessing the renewable energy source potential using a GIS-AHP-based model in West Java Province of Indonesia</i>
9	Dr. Indra Wibowo, S.Si., M.Sc.	Fisiologi, Perkembangan Hewan dan Sains Biomedika	SITH	<i>MicroRNAs Analysis in Gonadal Maturity Regulation of Male Nile Tilapia (<i>Oreochromis niloticus</i>) in response to <i>Carica papaya</i> Seeds Extract Exposure</i>
10	Helen Julian, S.T, M.T, Ph.D.	Perancangan dan Pengembangan Produk Teknik Kimia	FTI	<i>Concentration of seawater reverse osmosis (SWRO) brine by membrane distillation for chloralkali plant (CAP) feed solution</i>
11	Ramadhani Eka Putra, S.Si., M.Si., Ph.D.	Manajemen Sumber Daya Hayati	SITH	<i>Application of local domesticated bees as pollination agent of some economic important crops of West Java: Impact of productivity and economic of the small-holder farmers</i>
12	Husna Nugrahapraja, S.Si., M.Si., Ph.D.	Genetika dan Bioteknologi Molekular	SITH	<i>Response of Microbial Community Structure and Dynamics of Black Soldier Fly Organic Waste Treatment using Omics Technology Approach</i>

No	Nama	Kelompok Keahlian	Fakultas/ Sekolah	Judul
13	Dr. Magdalena Lenny Situmorang, S.Si., M.Sc.	Bioteknologi Mikroba	SITH	<i>Synbiotic modulation of gut microbiome, metabolic function and metabolite profiles in Pacific white shrimp <i>Litopenaeus vannamei</i> grow-out culture in biofloc production system</i>
14	Prof. Dr. apt. Daryono Hadi Tjahjono, M.Sc.Eng.	Farmakokimia	SF	<i>Design, synthesis, and activity assay of functionalized Epidermal Growth Factor Receptor ligands as anticancer candidate for NSCLC</i>