

**INDONESIA TORAY SCIENCE FOUNDATION
18 RESEARCH GRANT 2016 RECIPIENTS**

NO	Proposal No	NAME	GENDER	UNIVERSITY	TITLE OF RESEARCH PROJECT	PROPOSE	APPROVED
1	26	Yoni Atma, S. TP., M. Si Jambi, 17 March 1986	Male	Trilogi University Fac of Bioindustry / Dept of Food Science & Tech Kampus Trilogi, Jl. Kalibata No. 1 Jakarta Selatan 12760 T. (021) 798-0011 / F. (021) 798-1352	Gelatin Production from Pangasius Catfish Bone based on Green Extraction	47,860,000	40,860,000
2	28	Dr. Nanik Purwanti Sukoharjo, 8 January 1981	Female	Bogor Agricultural University Fac of Agricultural Engineering & Technology Dept of Mechanical & Biosystem Engineering Kampus IPB Darmaga, Bogor 16002 T. (0251) 862-1210 / F. (0251) 862-3203	Functional Properties of Protein Nanofibrils from Local Soy Protein Isolate and Whey Protein Isolate based on their Rheological Characteristics	49,704,925	38,704,925
3	30	Dr. Ajeng Arum Sari Surabaya, 13 June 1983	Female	Indonesian Institute of Sciences RC for Chemistry, Dept of Biomass Environmental Chemistry (BEC) Kawasan PUSPITEK Serpong, Tangsel 15314 T. (021) 756-0929 / F. (021) 756-0549	The Development of Environmental Friendly Immobilized Activated Carbon from Black Liquor Sludge and Enzyme of White-Rot Fungi from to Degrade Organic Pollutants	48,100,000	42,000,000
4	32	Dhina Fitriastuti, M. Sc Sleman, 24 April 1990	Female	Indonesia Islamic University FMIPA - Dept of Chemistry Jl. Kaliurang Km. 14,5 Sleman, DI Yogya 55584 T. (0274) 895920 / F. (0274) 896439	Synthesis of New Potential Antimalarial Drug Active Compound of C-prenylated polyhydroxy xanthone and In Vitro Assay against <i>Plasmodium falciparum</i>	50,000,000	38,500,000
5	33	Dr. Is Fatimah Bantul, 29 March 1975	Female	Indonesia Islamic University FMIPA - Dept of Chemistry Jl. Kaliurang Km. 14,5 Sleman, DI Yogya 55584 T. (0274) 895920 / F. (0274) 896439	Synthesis of TiO ₂ -SiO ₂ Aerogel using Biogenic Silica from Bamboo Leaves and Its Application for Batik Wastewater Treatment	48,075,000	32,000,000
6	39	Najma Annuria Fithri, M. Sc., Apt Bangka, 25 March 1988	Female	Sriwijaya University FMIPA - Dept of Pharmacy Jl. Raya Palembang - Prabumulih Km. 32 Indralaya, Ogan Ilir, Sumatera Selatan 30662 T/F. (0711) 580169	Formulation and Evaluation of Gambir (<i>Uncaria gambir</i>)-Chitosan Nanoparticle Intranasal Delivery for the Treatment of Alzheimer	50,011,000	37,300,000
7	44	Dr. Widodo Budiharto, S. Si., M. Kom Tanjung Pinang, 27 April 1977	Male	Bina Nusantara University Fac of School of Computer Science Dept of Computer Science Jl. KH. Syahdan No. 9, DKI Jakarta T. (021) 534-5830	Psychological Aspects for Natural Interaction between Intelligent Humanoid Robot and Students	50,000,000	32,000,000
8	65	Dr. rer. Nat. Dwi Setyo Rini Surabaya, 19 April 1974	Female	Indonesian Institute of Sciences RC for Biology - Dept of Division of Botany Jl. Raya Jakarta Bogor Km. 46 Cibinong Jawa Barat 16911 T. (021) 8790-7636, 8790-7604 F. (021) 8790-7612	Expression Pattern of Drought-responsive Genes Involved in the ABA Signaling Pathway in Cowpea (<i>vigna unguiculata</i> (L.) Walp) collected from East Nusat Tenggara Province	49,740,000	37,750,000
9	72	Dr. Pande Gde Sasmita Julyantoro, S. Si, M. Si Tista, 26 July 1980	Male	Udayana University Fac of Marine Science & Fisheries Dept of Aquatic Resources Management Kampus UNUD Bukit Jimbaran, Bali 80361 T. (0361) 471-4635	Application of AHL-degrading Bacterium to Protect the Larvae of Giant Freshwater Prawn <i>Macrobrachium rosenbergii</i> from <i>Vibrio campbellii</i> Infection	47,357,000	40,887,000
10	82	drg. Agustin Wulan Suci Dharmayanti Jember, 14 August 1979	Female	Jember University Fac of Dental - Dept of Biomedical Jl. Kalimantan No. 37, Jember 68121 T. (0331) 333536 / F. (0331) 331991	Lipopolysaccharide (LPS) of <i>Porphyromonas gingivalis</i> induces Ovarian Failure in Animal Model (In vivo Study)	50,000,000	40,250,000
11	93	Dina Mulyanti, S. Si., M. Si., Apt Bandung, 23 October 1983	Female	Institute of Technology Bandung School of Pharmacy - Labtek VII Jl. Ganesha No. 10 Bandung 40132 T/F. (022) 250-4852	Construction of Autoinducible Expression Vector Containing Sigma Factor Subunit RNA Polymerase, RpoS	48,324,497	41,169,800

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12	102	Latifah Nurahmi, ST., M. Sc., Ph. D Surakarta, 16 November 1986	Female	Institute of Technology 10 Nopember Surabaya Fac of Industrial technology Dep of Mechanical Engineering Kampus ITS Sukolilo, Surabaya 60111 T. (031) 594-6230 / F. (031) 592-2941	Reconfigurable Parallel Manipulator for Ankle Rehabilitation Device	50,000,000	30,000,000
13	109	Dr. Tri Rini Nuringtyas, M. Sc Yogya, 27 March 1973	Female	Gadjah Mada University RC for Biotechnology Jl. Teknika Utara, DI Yogya 55281 T. (0274) 564305 / F. (0274) 520842	Characterization of Chitinase Gener Expression and Structural Properties of the Resistance Mechanism of Blast (<i>Pyricularia grisea</i>) in Pigmented Rice	50,000,000	39,500,000
14	114	Shinta Kusumawardani Bandung, 29 July 1985	Female	Padjadjaran University Fac of Medicine - Dept on TB-HIV TB-HIV Research Center Jl. Eijkman No. 38 Sukajadi, Bandung, 40161 T. (022) 203-3915 / F. -	Develop Rapid Molecular Assay for Early Detection of Chickungunya in Primary Care Setting	49,430,000	39,200,000
15	116	Elvi Yetti, M. Sc Pekanbaru, 25 January 1977	Female	Indonesian Institute of Sciences RC for Biotechnology Jl. Raya Bogor Km. 46, Cibinong, Bogor 16911 T. (021) 875-4587 / F. (021) 875-4588	Developing Industrial Dye (indigo) using Enzyme (Di-oxygenase) from Indonesia Marine Bacteria	50,000,000	40,441,000
16	142	Dr. Puspita Sari Sidoarjo, 1 March 1972	Female	Jember University Fac of Agricultural Technology Dept of Agricultural Product Technology Kampus Tegalboto, Jl. Kalimantan 37 Jember Jawa Timur 68121 T/F. (0331) 321784	Intermolecular Copigmentation of Jambilan (<i>Syzygium cumini</i>) Fruit Anthocyanins by using Copigment of Rosemary Polyphenolic	49,075,000	41,325,000
17	168	Dr. Eng. Nino Rinaldi Palembang, 12 June 1977	Male	Indonesian Institute of Sciences Kawasan PUSPITEK Serpong, Banten, Tangerang Selatan 15314 T. (021) 7587-4193 / F. (021) 756-0549	Development of Synthetic Layered Materials using Titanate and Manganate as Catalysts for the Upgrading Pyrolysis Bio-Oil Process	49,819,500	28,000,000
18	178	Dr. Radi, STP., M. Eng Gunung Kidul, 7 October 1981	Male	Gadjah Mada University Jl. Flora, Bulaksumur, DI Yogya 55281 T/F. (0274) 563542	Fusion Sensor Approach for Quality Monitoring System of Coffee under Roasting	50,000,000	33,000,000
TOTAL							672,887,725