

**INDONESIA TORAY SCIENCE FOUNDATION
18 SCIENCE AND TECHNOLOGY RESEARCH GRANT 2011**

NO	NO PROP	NAME	GENDER	UNIVERSITY	TITLE OF RESEARCH PROJECT	PROPOSE	APPROVAL
1	1	DR. ISKHAQ ISKANDAR Jelabat, 04 October 1972	Male	Sriwijaya University FMIPA - Physics Dept Jl. Raya Palembang, Prabumulih Km. 32 Indralaya Ogan Ilir - SUMSEL 30662 Tel. (0711) 580743 Fax. (0711) 580056	Study on the Upper Ocean Circulation in the Tropical Indian Ocean using Observations & Model for Better Identification & Prediction of Climate Anomaly Originated in the Indian Ocean	48,188,165	32,000,000
2	2	TATAS H P BRODOSUDARMO, Dipl. Chem., Ph. D Pati, 23 April 1981	Male	Ma Chung University Ma Chung Research Center for Photosynthetic Pigments Jl. Villa Puncak Tidar N-01 Malang East Java 65151 Tel. (0341) 558279 Fax. (0341) 550175 Http://www.machung.ac.id Email: info@machung.ac.id	Understanding of the Polypeptides Composition & the Quaternary Structures of the Peripheral Light Harvesting Complexes from Rhodospseudomonas palustris Grown at Different Light Intensities	48,260,000	38,260,000
3	13	DAH SUSANTI, ST, MT, PH. D Tulungagung, 16 January 1977	Female	Institute of Technology 10 Nopember Surabaya Materials & Metallurgic Engineering Department Kampus ITS Sukolilo, Surabaya 60111 Tel/Fax. (031) 599-7026	Preparation of Electrochemical Supercapacitor for Energy Storage Device from Nanomaterial Tungsten Trioxide	50,000,000	48,000,000
4	17	DENI SWANTOMO, S. ST., M. ENG Bantul, 04 January 1982	Male	BATAN Jl. Babarsari Kotak Pos 1008 DI Yogya 55281 Tel. (0274) 484085 Fax. (0274) 489715	Synthesis of Controlled Release Fertilizers based on Smart Biodegradable Hydrogel Cellulose-Vinyl Acetate using Radiation	40,750,000	35,750,000
5	25	DR. UYI SULAEMAN Karawang, 05 July 1973	Male	Jenderal Sordirman University Kampus MIPA UNSOED Jl. Dr. Soeparno, Karangwangkal, Purwokerto - Jateng 53123 Tel/Fax. (0281) 638793	Synthesis and Photocatalytic Properties of Ti Deficiency of Cr Doped SrTiO ₃	50,000,000	38,000,000
6	32	ANNISA APRILIA Bandung, 11 April 1982	Female	Padjajaran University Jl. Raya Jatinangor Km. 21 Sumedang - Jawa Barat 45363 Tel. (022) 779-6014 Fax. (022) 779-2435	AC Impedance Characterization of Inverted-type Hybrid Solar Cell with Aluminium doped-ZnO as Electron Accepted Layer	45,000,000	39,000,000
7	56	YALUN ARIFIN, M. SC., PH. D Banjarmasin, 25 November 1974	Male	Surya College of Education SURE Center, Jl. Scientia Boulevard Blok U / No. 7 Gading Serpong - Tangerang - Banten 15810 Tel/Fax. (021) 7020-7727	A Second Generation Biofuel from Cellulosic Agricultural by-Product Fermentation using <i>Clostridium</i> Species for Electricity Generation	43,280,000	37,280,000
8	92	DR. NORYAWATI MULYONO, S. SI Pekalongan, 18 July 1976	Female	Atma Jaya Catholic University School of Biotechnology Yustinus Building 1st Floor Jl. Jend. Sudirman No. 51 Jaksel 12930 Tel. (021) 570-3306 ext. 431 Fax. (021) 571-4544	Exploration of Indonesian Flesh Dammar with Antimicrobial Activity as Active Biopackaging for Fresh Meat Preservation	41,653,000	36,653,000

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9	103	ONE ASMARANI, S. SI., M. FARM Surabaya, 28 August 1983	Female	Airlangga University Institute of Tropical Disease (ITD) Kampus C, Jl. Mulyorejo, Surabaya 60115 Tel/Fax. (031) 599-2445	Protein Engineering Development on α -L-arabinofuranosidase as Anti-Tuberculosis Candidate	50,000,000	38,500,000
10	134	DR. RER. NAT. NIKNIK NURHAYATI Bandung, 20 April 1969	Female	Agency for the Assessment & Application of Technology BPPT 2nd Building Jl. MH. Thamrin No. 8, 15th floor Jakarta 10340 Tel. (021) 756-0536 ext 124 Fax. (021) 316-9510	Strain Improvement of <i>Bacillus subtilis</i> AQ1 to produce Improved Thermo-alkaline Xylanase for Green Technology Application in Pulp and Paper Industry	50,000,000	37,100,000
11	142	DR. INDRA WIBOWO Malang, 06 July 1979	Male	Institute of Technology Bandung School of Life Sciences & Technology Labtek XI, Jl. Ganesha No. 10 Bandung 40132 Tel. (022) 251-1575, 250-0258 Fax. (022) 253-4107	Zebrafish as a Model System to study the Expression and Physiological Function of a Novel Cannabinoid Receptor GPR55	49,370,000	38,420,000
12	150	ANDREAS KUSUMA Jakarta, 05 November 1984	Male	Eijkman Institute for Molecular Biology Jl. Diponegoro No. 69 Jakarta 10430 Tel. (021) 391-7131 Fax. (021) 314-7982	Development of recombinant Malaria Antigens to Study Immunity to Malaria	50,000,000	39,000,000
13	192	TINTON DWI ATMAJA, MT Bondowoso, 13 September 1980	Male	Indonesian Institute of Sciences Research Center for Electrical Power & Mechatronics Komplek LIPI Gd. 20, Jl. Sangkuriang Bandung 40135 Tel. (022) 250-3055, 250-4770 Fax. (022) 250-4773	Design and Preliminary Testing Low Cost Portable CNC Lathe for Micro and Nano Machining based on Portable Computer	49,975,000	43,500,000
14	202	DR. MUHAMMAD DANI SUPARDAN, ST., MT Aceh Timur, 10 July 1972	Male	Syah Kuala University Dept of Chemical Engineering Jl. Tgk. Syeh Abdul Rauf No. 7 Darussalam - NAD 2311 Tel. (0651) 741-2973	Intensification of Reaction Extraction of <i>Jatropha curcas</i> L. Seed for Biodiesel Production using Hydrodynamic Cavitation	49,870,000	37,870,000
15	205	DRA. BEVI LIDYA, M. SI., APT Payakumbuh, 07 March 1967	Female	Bandung State Polytechnic Jl. Gegerkalong Hilir, Ciwaruga Bandung 40012 Tel/Fax. (022) 201-3789	Hyperthermostable Cyclodextrin Glucanotransferase of <i>Thermococcus</i> sp B1001: Characterization of the Recombinant Expressed from Synthetic Gene	49,912,764	39,275,000
16	215	RETNO MURWANTI, DVM., M. SC., PH. D Semarang, 28 March 1974	Female	Gadjah Mada University Faculty of Pharmacy Sekip Utara, Di Yogya 55281 Tel?fax. (0274) 543120	Na PGV-0 and K PGV-0, Two Potential Curcumin Analogues as Chemotherapeutic Agent on WiDr Colon Cancer Cell Lines by Down Regulating IKK and COX-2 Expression	50,000,000	37,250,000

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17	221	DR. RATNO NURYADI, M. ENG Bantul, 17 October 1973	Male	Agency for the Assessment & Application of Technology Center for Material Technology BPPT 2nd Building - 22 F Jl. MH. Thamrin No. 8, Jakarta 10340 Tel. (021) 756-1827 / Fax. -	Design and Development of Gas Sensor using Microcantilever	49,600,000	35,200,000
18	225	DEWI SETYANINGSIH, M. SC., APT Yogyakarta, 20 January 1974	Female	Sanata Dharma University Faculty of Pharmacy Jl. Affandi (Gejayan) Mrican Tromol Pos 29, DI Yogyakarta 55022 Tel. (0274) 513301, 515352 Fax. (0274) 562383	Development of Curcumin of <i>C. xanthorrhiza</i> Extract Bioavailability and Insilico Metabolites Pathway through Formulation in Sugar Glasses and Metabolites Profiling	49,915,960	37,415,960
TOTAL						865,774,889	688,473,960