

**RESEARCH GRANTS**

For general grant enquiries and the latest grant updates

Please contact Joey at joey.ngxw@ntu.edu.sg

**COMPETITIVE GRANTS (BY AGENCY)**

Funding Agency	Type of Grant	Eligibility	Funding Quantum	Funding Period	Estimated Annual Cycle
<b>Ministry of Education (MOE)</b>	MOE Academic Research Fund (AcRF) Tier 1	Full Time Faculty members of NTU who hold primary full-time appointment (minimum of 9 months per year) at NTU	EP2 & EP4: S\$100k Other themes: S\$5k - S\$200k	3 years	Jan – Apr (Call 1) Jul – Sep (Call 2)
	MOE Academic Research Fund (AcRF) Tier 1 Seed	This grant scheme is open to the following newly recruited faculty members: a) Newly recruited Assistant Professors b) Newly recruited Associate Professors without Tenure (on Tenure track only) Eligible applicants are entitled to apply for this Tier 1 Seed Funding Grant in addition to the existing Start-Up Grant (SUG). New faculty members appointed at Professor, Associate Professor with tenure, Associate Professor without tenure but not on tenure track (e.g. practice track), Nanyang Associate Professor, Nanyang Assistant Professor and NRF Fellowship level are NOT included in this scheme.	S\$100,000 except for the following: Pure Mathematics and Statistics projects under the Informatics and Mathematics discipline cluster where the TPV is S\$50,000 and below. Accountancy, Business, Humanities and Social Sciences discipline cluster where the TPV is S\$50,000 and below.	3 years	Once per year Not stipulated
	MOE Academic Research Fund (AcRF) Tier 1 Thematic	Full Time Faculty members of NTU who hold primary full-time appointment (minimum of 9 months per year) at NTU	S\$200k	3 years (Theme dependent)	Once per year Not stipulated
	MOE Academic Research Fund (AcRF) Tier 2	Principal Investigators (PIs) and Co-investigators (co-PIs) must be full-time faculty of the Autonomous Universities (AUs)	EP2: S\$250k - S\$1 mil EP4: S\$100k - S\$1 mil EP3: S\$500k - S\$1.2 mil	EP2 & EP4: 3 years EP3: 3 - 5 years	Jan – Mar (Aug call) Jul – Sep (Feb call) Submission based on NTURC shortlisting
	MOE Academic Research Fund (AcRF) Tier 3	Lead PIs and PIs must be full-time faculty based locally in AUs, at the time of the application at the Whitepaper stage	Type A: S\$5 - S\$10 mil Type B: S\$10 - S\$25 mil Type C: S\$20 - S\$25 mil	Type A & B: 5 years Type C: 7 years	Subject to internal deadlines by RSO. Submission based on NTURC shortlisting
	MOE Tertiary Education Research Fund (MOE TRF)	Lead PI, PIs & co-Is: Full-time staff at Institutes of Higher Learning (IHLs) (Min. commitment of 9 months per year)  <u>2 categories</u> Individual Programmatic	Individual: S\$40k - S\$250k Programmatic: S\$1 mil	Individual: 2 years Programmatic: 3 years	Apr~May – May~Jul
	MOE Social Science Research Thematic Grant (SSRTG)	PIs and Co-PIs must hold primary full-time appointment (minimum of 9 months per year) at NTU	Type A: S\$100k to S\$1 mil Type B: >S\$1 mil to S\$5 mil Type C: >S\$5 mil to S\$10 mil	Type A: 3 years Type B: 3 - 5 years Type C: 3 - 5 years	Early-mid May to early Aug
	MOE Research Integrity Grant	Full Time Faculty members of NTU who hold primary full-time appointment (minimum of 9 months per year) at NTU	S\$50k	18 months	Once per year Not stipulated
	Science of Learning Call	PI must hold a primary/joint appointment in the Singapore-based AU, Poly, ITE or A*STAR RI, Co-PI may be from other publicly funded institutes	Type A1: S\$5 mil Type A2: S\$2 mil Type A3: S\$250K Type B1: S\$4-5 mil	Type A1: 5 years Type A2: 3-5 years Type A3: 2-3 years Type B1: 4-5 years	Sep-Oct
<b>National Medical Research Council (NMRC)</b>	Clinical Scientist Individual Research Grant (CS-IRG)	PI must hold a primary appointment in a publicly funded health institution and salaried by institution PI must have MD/MBBS/BDS	S\$1.95 mil	3 years or 5 years if involved patient/subject recruitment	Jan & Jul Opens for 1 month only
	Clinical Scientist Individual Research Grant - New Investigator Grant (CS-IRG-NIG)	PI must hold a primary appointment in a publicly funded health institution and salaried by institution PI must have MD/MBBS/BDS Mentor required PI must not have held any national grants PI must not have held any grants cumulatively > \$500k from any other agencies	S\$260k	2 years or 3 years if involved patient/subject recruitment	
	Open Fund - Young Individual Research Grant (OF-YIRG)	PI must hold a primary appointment in a publicly funded institution and salaried by institution PI must not have held any national grants	S\$325k	3 years	
	Open Fund - Individual Research Grant (OF-IRG)	PI must hold a primary appointment in a publicly funded institution and salaried by institution	S\$1.625 mil	3 - 5 years	
	Open Fund - Large Collaborative Grant (OF-LCG)	PI must hold a primary appointment in a publicly funded institution and salaried by institution	Tier 1: S\$10 mil Tier 2: S\$25 mil	5 years	May
	Population Health Research Grant (PHRG) Open	PI must hold a primary appointment in a publicly funded institution and salaried by institution	\$1.95M	3 years or 5 years if involved patient/subject recruitment	Jan & Jul Opens for 1 month only
	Population Health Research Grant (PHRG) Thematic		No stipulated caps in funding quantum or duration. Quantum and duration to be deliberated during the co-creation and review process.		
	Population Health Research Grant - New Investigator Grant (PHRG-NIG)	PI must hold a primary appointment in a publicly funded institution and salaried by institution Mentor required PI must not have held any national grants prior to PHRG-NIG award PI must not have held any grants cumulatively	S\$100k	2 years	

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<b>National Medical Research Council (NMRC)</b>	National Innovation Challenge (NIC) on Active and Confident Ageing	All public, private or non-profit institutions, including healthcare providers, research institutes and institutes of higher learning	S\$10 mil	5 years	Not stipulated
	Clinical Trial Grant (CTG) 2 categories Industry Collaborative Trials (ICT) Investigator Initiated Trials (IIT)	PI must hold a primary appointment in a publicly funded health institution and salaried by institution Medically qualified doctors (MDs/MBBS) with advanced clinical specialty training	CTG-ICT: 30% of TPC (inclusive of IRC) Industry contribution of at least 70% of TPC required; S\$4.95 mil cap CTG-IIT: S\$1.625mil (no IRC)	CTG-ICT: 5 years CTG-IIT: 3 years	CTG-ICT: Open throughout the year CTG-IIT- Jan/Feb
<b>National Research Foundation (NRF)</b>	Competitive Research Programme (CRP)	PIs from publicly funded Institutes of Higher Learning (IHLs), Research Institutions and Medical Institutions in Singapore are eligible to participate in the call. Private sector and other entities can participate as collaborators	Not stipulated by NRF. Realistic quantum to correspond with scope of work	5 years	Mar - Apr Sep - Oct
	Singapore-Israel Joint Research Grant Call	PIs from publicly funded Institutes of Higher Learning (IHLs) and Research Institutions (RIs) in Singapore are eligible to participate in the call	Experimental Project: US\$100k per year Theoretical Project: US\$60k per year One-time allocation for equipment capped at US\$30k	3 years	Once per year Not stipulated
	Intra CREATE Seed Collaboration Grant	<u>Lead PIs</u> Each proposal must identify 2 Lead PIs with different primary institutional affiliations Lead PIs must have a CREATE Partner Institution or CREATE CLG as their primary institution affiliation OR currently be a PI in CREATE Programmes Both Lead PIs must be early-career researchers, with each PI having not more than 8 years of post-PhD research experience	S\$250k	18 months	Not stipulated. Submission based on shortlisting. NTU submission is capped at a total of three.
<b>A*STAR</b>	Industry Alignment Fund – Pre-Positioning Programme (IAF-PP) Human Health and Potential (HHP) domain	Programme Director should hold at least 0.7 FTE primary appointment in a Singapore publicly funded research or tertiary education	S\$10 mil	Not stipulated. Realistic period to correspond with scope of work.	Feb, Apr, July, Oct
	Industry Alignment Fund – Industry Collaboration Projects (IAF-ICP)	Open to all public research performer Institutions in Singapore	Not stipulated. Realistic quantum to correspond with scope of work.	3 years	Not stipulated
<b>Nanyang Technological University, Singapore</b>	NTU EdeX Learning and Teaching Grant	Assistant Professors, Associate Professors, Professors, Lecturers and Senior Lecturers are eligible to apply	S\$40k	18 months	Apr – May Oct – Nov
	NTU Integrated Medical, Biological and Environmental Life Sciences (NIMBELS) Grant	Open to NTU faculty members holding full-time appointments from NIMBEL units (LKCMedicine/SBS/SCELSE/NISB)	S\$200k	2 years	Jul – Sep
	Accelerating Creativity and Excellence (ACE) Programme	All faculty across NTU are eligible	S\$200k	2 years	Twice per year Apr, Oct

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**NATIONAL TALENT DEVELOPMENT GRANTS**

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<b>National Medical Research Council (NMRC)</b>	Singapore Translational Research (STaR) Investigator Award	PI must hold a primary appointment in a publicly funded health institution and salaried by institution (not under any grants) Medically qualified doctors (MDs/MBBS) with advanced clinical specialty training	S\$6 mil in total inclusive of PI's salary support up to S\$600k per annum + DC + IRC	5 years	Jan & Jul Opens for 1 month only
	Clinician Scientist Award (CSA) <u>2 categories</u> Investigator (INV) - Junior Associate Professor  Senior Investigator (SI) - Senior Associate Professor to full Professor	PI must hold a primary appointment in a publicly funded health institution and salaried by institution (not under any grants) PI must be clinically qualified (MD/MBBS/BDS)	CSA-INV: PI's salary support according to NMRC's annual salary cap + S\$675k research grant + IRC  CSA-SI: PI's salary support according to NMRC's annual salary cap + S\$1.75 mil research grant + IRC	CSA-INV: 3 years  CSA-SI: 5 years	
	Transition Award (TA)	PI must hold a primary appointment in a publicly funded health institution and salaried by institution (not under any grants) PI must be clinically qualified (MD/MBBS/BDS)	PI's salary support according to NMRC's annual salary cap + S\$300k research grant + IRC	3 years	
	Clinical Innovator Award (CIA) <u>2 categories</u> Investigator (INV) - Junior Associate Professor  Senior Investigator (SI) - Senior Associate Professor to full Professor	PI must hold a primary appointment in a publicly funded health institution and salaried by institution (not under any grants) PI must be clinically qualified (MD/MBBS/BDS)	CIA-INV: PI's salary support up to 0.3 FTE & in accordance with NMRC's annual salary cap + S\$250k research grant + IRC CIA-SI: PI's salary support up to 0.3 FTE & in accordance with NMRC's annual salary cap + S\$500k research grant + IRC	2 years	
<b>National Research Foundation (NRF)</b>	NRF Investigatorship	Candidates will be nominated by the eligible institutions	S\$3.25 mil (inclusive of IRC). Direct costs will be capped at S\$2.5 mil.	5 years	No open grant call for applications. Candidates will be nominated by the eligible institutions
	NRF Fellowship	Open to researchers of any nationality Completed a PhD degree in any discipline of science and technology Must not be holding an Assistant Professor or equivalent position at local research institutes for more than 1 year at the point of submission	S\$2.5 mil (exclusive of IRC)	5 years	Once per year
<b>OTHER TALENT DEVELOPMENT GRANTS</b>					
<b>European Molecular Biology Organization (EMBO)</b>	Young Investigator Programme	Be an independent group leader for at least 1 year and for less than 4 years at the pre-application deadline Carry out research in the life sciences in an EMBC Member State, an EMBC Associate Member State or in countries/territories covered by a co-operation agreement	€ 15k in the second year May apply for additional small grants up to € 10k per year	Not stipulated	Not stipulated
	Global Investigator Network	Have been group leaders of a laboratory for at least 1 year and for less than 6 years on 1 Jan in the year of the application Perform life science research in an EMBC Associate Member State or in a country or territory covered by a cooperation agreement with EMBC	Not stipulated	Not stipulated	Jun

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**FELLOWSHIPS**

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<b>International &amp; Local Fellowships</b>	ASEAN-India Research Training Fellowship (AT-RTF)	Applicant must be holding nationality of any of the ASEAN Member State Possess at least a Masters Degree in any Natural Sciences or an equivalent degree in Technology / Engineering / Medicine / allied disciplines Applicant should be working / studying and / or affiliated to any national R&D or academic institution in his/ her home ASEAN Member country	Indian Rupees (INR) 60k per month (non-taxable) for accommodation, meals and other miscellaneous expenses One-time grant of INR 40k/- for research contingency expenses, airport transfers, domestic travel (by road) for attending scientific /events and field-trips within India, and Institutional overhead charges @ Rs. 2.5k/- per month	2 - 6 months	Not stipulated
	AXA Research Fund – Fellowship Campaign	Young Post-Doctorate Fellows (max. 5 years after completing their PhD) with proven scientific excellence and high potential for innovation, transformation and dissemination	€ 120k	2 years	May Submission based on shortlisting.
	Human Frontier Science Program Postdoctoral Fellowships	A candidate who is a national of one of the HFSP member countries or works in a research institution from one of the member countries A research doctorate (PhD) or a doctoral-level degree comparable to a PhD with equivalent experience in basic research (e.g. a research based MD or medical PhD)	Not stipulated. Fellows are paid allowances to support their living (salary portion) and a research and travel allowance.	3 years	Sep
	L'Oréal Singapore For Women In Science National Fellowships	The programme aims to encourage women to not only pursue and maintain careers in science; but actively participate in Singapore's research and development sector as well	S\$15k	1 year	Jul – Sep
<b>LKCmedicine/ NTU Fellowships</b>	LKCmedicine Dean's Postdoctoral Fellowship	Applicant must possess a PhD degree and demonstrate a promising research track record. Applicants in the first three years of postdoctoral research training are preferred Applicant must have a faculty sponsor from LKCmedicine and co-sponsor from Imperial College London The LKCmedicine faculty sponsor must be appointed full-time at the School	S\$30k per year	3 years	Jan – Apr
	NTU Presidential Postdoctoral Fellowship	Applicants within 5 years of obtaining Ph.D. or equivalent degree are eligible	A two-year tenure with a salary of S\$80k per year A research grant of up to S\$100k per year A housing grant of S\$18k per year with eligibility for subsidized apartment accommodation (subject to availability) Relocation allowance of up to S\$4k	2 years	Feb – Apr

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**INNOVATION GRANTS**

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<b>National Health Innovation Centre (NHIC)</b>	Innovation to Develop Grant (I2D)	The PI must hold a primary appointment in and be salaried by public healthcare institution or academic medical school in Singapore	S\$300k (incl IRC)	1 year	Feb, June, Oct
	Innovation to Startup (I2Start)	The team must consist of one Clinical PI and one Technical PI The Clinical PI must hold a primary appointment in a public healthcare institution or academic medical school in Singapore and be salaried by the institution The Technical PI must be employed by public-funded institution in Singapore	Phase 1: S\$250k (no IRC) Phase 2: S\$300k (incl IRC) Phase 3 POC: S\$250k Phase 3 POV: S\$500k	Phase 1: 1 year Phase 2: 1 year Phase 3 (POC): 1 year Phase 3 (POV): 2 years	Letter of Intent is open throughout the year
	Innovation to Protect (I2P)	Applicants for this grant must be the Head/Deputy Director/Director of Designated Offices listed in NHIC website Applicants can apply to this grant for inventions in which one of the inventors hold a primary appointment and is salaried by a public healthcare institution in Singapore	Grant quantum and duration varies depending on the stage of patent protection and ownership of intellectual property.  IRC not supported.		Open throughout the year
	Innovation to Industry (I2I)	Application to this fund is by NHIC invitation only	S\$300k (incl IRC)	1 year	Application by NHIC invitation only
	Innovation to Adopt (I2Adopt)	The PI must hold a primary appointment in and be salaried by public healthcare institution or academic medical school in Singapore	Up to \$1 mil	12 months, Up to 18 months	May
	NHG-NHIC Joint Medical Technology (MedTech) Grant	The PI should hold a primary appointment in and be salaried by an NHG institution Co-I(s) should hold at least an adjunct position in a local public institution	S\$100k  IRC not supported	1 year	Not stipulated
<b>A*STAR</b>	Singapore Therapeutics Development Review (SDTR)	Lead PI must be employed by a public-funded institution in Singapore (e.g. NUS, NTU, SUTD, SIT, SIM, SMU, A*STAR Institutions, Polytechnics, CREATE Institutions, SGH, DUKE-NUS, NUH and etc.)	Max. S\$830K may be awarded for Pilot Phase 1 and Phase 2 funding.	3 years	Twice a year, Q1 & Q3
	Skin Research Institute of Singapore (SRIS) Skin Innovation Grant (SIG)	Applicants must hold a primary appointment with an A*STAR, NHG or NTU institution, with a minimum of 9 months employment per calendar year Applicants must hold a PhD or MD/MBBS/BDS qualifications	S\$250k Requires matching cash funding from industry IRC not supported	18 months	Not stipulated
<b>Enterprise Singapore</b>	Startup SG Founder	-at least 2 Singaporen Citizen or Permanent Resident - Are first-time founders (i.e. have no prior Private Limited entity on ACRA) - not employed externally and who are able to commit full time to the company -Have undergone entrepreneurship training	S\$50K	12 months	Not stipulated
	Startup SG Tech <u>2 phases</u> Proof-Of-Concept (POC) Proof-Of-Value (POV)	Startup companies registered in Singapore within the past 10 years at time of grant application;	POC: Capped at S\$250k POV: Capped at S\$500k	Not stipulated	Not stipulated
<b>Ferring Private Limited</b>	Ferring Singapore Innovation Grants	NTU academic track staff who are salaried by institution	S\$50k - S\$150k (incl IRC)	1 year	Jul – Aug
<b>National Research Foundation (NRF)</b>	Central Gap Fund	Publicly-funded research performers and government-linked entities are eligible	Up to S\$ 2 mil	2 years	Proposals can be submitted throughout the year

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<b>Other Competitive Grants</b>	AI Singapore Research Programme  - AI Research Grant Call -Open Theme Technology Challenge (OTTC+)	Hold a full-time appointment (i.e. minimum 9 months of service a year or 75% appointment) in a Singapore-based IHL and/or RI	-AI Research: up to 5 mil -OTTC+: Stage 1 & 2 up to 10 mil	-AI Research: up to 5 years -OTTC+: Stage 1 & 2 up to 5 years	Once per year
	Human Frontier Science Program (HSFP) <u>2 categories</u> Early Career & Program	Early Career: Within five years of obtaining an independent position (e.g. Assistant Professor, Lecturer of equivalent) but must have obtained their first doctoral degree (PhD, MD or equivalent) not longer than ten years before the deadline for submission of the letter of intent	US\$3000k per year for a team size of 2; US\$500k per year for a team size of 4 or more Award amount inclusive of max 10% IRC	3 years	Mar
	Singapore Cancer Society (SCS) Cancer Research Grant	Open to all researchers from various cancer related disciplines, healthcare institutions and organizations in Singapore; from public, private and voluntary sectors, which are involved in cancer care and/or research	S\$200k  IRC not supported	Recommended by RSO ≈1 year	Jul – Aug
	Temasek Foundation-Innovations in Liveability, Sustainability and Public Health	The Lead Principal Investigator of the programme/project should ideally be based in Singapore.	No Cap (20% IRC max)	3 years	Mar
	Ministry of Social and Family Development (MSF) call for Social and Family Research Fund  <u>2 categories</u> Undergraduate Postgraduate/Academic	Undergraduate: - Honours year Singaporean undergraduates doing their theses at recognised universities in Singapore - Final-year Singaporean undergraduates at recognised overseas universities who will conduct their research in Singapore Postgraduate/Academic: - Postgraduates, academics and researchers at recognised universities and affiliated research institutes in Singapore	Undergraduate: S\$1k  Postgraduate/Academic: Up to S\$150k (inclusive of IRC)	Undergraduate: Not stipulated  Postgraduate/Academic : 3 years	March
	Venerable Yen Pei-NKF Research Fund	PI should possess a minimum academic qualification of PhD and/or MBBS/BDS/MD (Apply to external application only).	Not stipulated  IRC not supported	3 years	Not stipulated
	Imperial-Nanyang Technological University Collaboration Fund	Open to Imperial and NTU applicants only (Host institutions) Each application must include 1 PI from NTU and 1 PI from Imperial	S\$14k  IRC not supported	1 year	Nov~Dec – Jan (following year)

**NHG-LKCMEDICINE SUPPORT SCHEMES**

<b>NHG-LKCMEDICINE (ONLY FOR NHG CLINIANS)</b>	NHG-LKCMedicine Clinician-Scientist Preparatory Programme (CSPP)	Applicants should be clinically qualified with MD/MBBS/BDS enrolled in the NHG Residency Programme; or with primary appointments at NHG institutions Other practising healthcare professionals with primary appointments at NHG institutions, have attained at least Bachelors (Hons)/Masters and have at least 3 years of clinical or relevant experience	S\$11k  <u>Funding Components:</u> Project Funding: S\$9k/award Sponsored Training: S\$2k/award	2 years	Oct-Nov
	NHG-LKCMedicine Clinician-Scientist Fellowship (CSF)	Applicants should be clinically qualified (MD/MBBS/BDS) with primary appointments at NHG institutions; or are enrolled in their final year of the NHG Residency Programme Other practising healthcare professionals who have primary appointments at NHG institutions and at least 3 years of clinical or relevant experience	<u>Funding Components:</u> Salary support: - Research FTE will be provided by NHG and NTU/LKCMedicine for up to 3 years. - Clinical FTE will be provided by NHG Institution. Full sponsorship of tuition fees for up to 4 years through the NTU Research Scholarship	3 - 5 years	Open throughout the year
	NHG-LKCMedicine Clinician-Scientist Career Scheme (CSCS)	Applicants should be clinically qualified (MD/MBBS/BDS) with primary appointments at NHG institutions Other practising healthcare professionals with primary appointments with NHG institutions and at least 7 years of clinical or research experience Has a PhD	<u>Funding Components:</u> Project Funding: S\$180k/award Salary support up to 0.4FTE, with an applicable annual salary cap by clinical designation, for up to 3 years.	3 years	Oct-Nov

## Notes

- Indirect Research Cost (IRC) - Approval has to be sought (upon award, facilitated by RASS) if IRC awarded is less than the prevailing standard rate.
- Information provided is based on the latest grant cycle and may change with upcoming grant cycle.