



UNIVERSITY OF GHANA

OFFICE OF RESEARCH, INNOVATION AND DEVELOPMENT (ORID)

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FUNDING OPPORTUNITIES NEWSLETTER



14TH Edition. JULY 2021

Research Grants

Merck, DE

Closing date: August 31, 2021

Merck invites applications for its research grants. These support innovative scientific research in challenging areas of future importance. Grants are available in the following focus topics:

- drug discovery - three grants worth up to €350,000 each per year for three years, with the option of extension;
- real-time testing and sensors – grants worth between €100,000 and €500,000 each per year for two years, with the option of extension;
- nanoparticle for nucleic acid delivery – grants worth between €100,000 and €300,000 each per year for two years, with the option of extension;
- digital innovation in biopharmaceutical R&D – three grants worth between €40,000 and €100,000 each for one year, with the option of extension;
- bioelectronics – one grant worth €150,000 per year for three years;
- sustainability – grants to be negotiated on a case by case basis;
- cell culture media recycling for cultured meat – grants to be negotiated on a case by case basis;
- organoids – grants to be negotiated on a case by case basis.

Scientists at any career stage, who are affiliated with any research institution, university or company worldwide,

may apply. Candidates may apply for more than one grant or submit their application for more than one focus topic.

[2021 Research Grants | Merck \(merckgroup.com\)](https://www.merckgroup.com)

Atrial Fibrillation and Venous Thromboembolism

Bristol-Myers Squibb/Pfizer Alliance, US

Closing date: September 1, 2021

Pfizer and Bristol-Myers Squibb (BMS) are collaborating to provide grant support for continuing professional education in the areas of atrial fibrillation and venous thromboembolism. They are committed to supporting innovative, independent medical education for healthcare professionals. Grants via this collaboration will be funded by Pfizer, but reviewed and approved by both companies.

Applications are encouraged from candidates all around the world (excluding United States). The following may apply: medical, nursing, allied health, and/or pharmacy professional schools; healthcare institutions (both large and small); professional associations and medical societies; medical education companies; and other entities with a mission related to healthcare professional education and/or healthcare improvement.

The typical grant maximum under this RFP will be up to \$150,000 USD. However, larger proposals may be

considered for funding if they include a broad geographical scope and multiple activities.

https://cdn.pfizer.com/pfizercom/2021-04/Education%20AFib%20VTE_Final.pdf?VersionId=b0s3ZwKwh5vPNJNSFo6leKTsVqe0fWj8

Multidisciplinary Studies Of HIV/AIDS and Ageing (R21 Clinical Trial Optional)

NIH: National Institute on Aging, US and other funders

Closing date: September 7, 2021

A total of six institutes of the National Institutes of Health invite applications for their multidisciplinary studies of HIV/AIDS and ageing (R21 clinical trial optional) funding opportunity. This supports studies addressing HIV and ageing that aim to improve understanding of biological, clinical and socio-behavioural aspects of ageing through the lens of HIV infection and its treatment, as well as improve approaches for testing, prevention and treatment of HIV infection and management of HIV-related comorbidities, co-infections and complications in different populations and cultural settings by applying our current understanding of ageing science.

This funding opportunity uses the (R21) exploratory/developmental grant mechanism and runs in parallel with another of identical scope, PAR-21-068, which uses the (R01) research project grant mechanism.

US and foreign for-profit and non-profit organisations and public and private organisations may apply.

Awards are worth up to USD 275,000 each for two years. No more than USD 200,000 may be requested in a single year.

<https://grants.nih.gov/grants/guide/pa-files/PAR-21-069.html>

Novartis Research Grant

Novartis Foundation Japan for the Promotion of Science

Closing date: September 15, 2021

The Novartis Foundation Japan for the Promotion of Science invites applications for its research grant. This supports research in the field of biology, life sciences, related chemistry and information science. Research within the area of biology will be prioritised.

Candidates must be recommended by a president or dean of faculty of the designated universities or director of the designated research institutes, or by a member of

the board of trustees or board of counsellors of the foundation. Candidates must have a doctorate or be scheduled to obtain one within the fiscal year concerned. The research must be carried out in Japan, but candidates of any nationality may apply. Previous grant receivers may apply if three years has passed and the objective of research is different from the previous.

Approximately 35 grants, each worth up to JPY 1 million, are available. The project period is one year.

<http://japanfoundation.novartis.org/en/programs/index03.html>

Experiment - in search of bold research ideas initiative

Volkswagen Foundation | VolkswagenStiftung, DE

Closing date: September 15, 2021

The Volkswagen Foundation invites applications for its experiment - in search of bold research ideas initiative. This supports new research concepts in science, engineering, behavioural and life sciences, disregarding the project risk and the vagueness of a successful outcome. Preference is given to projects that:

- are radically new and aim beyond continuous improvement.
- challenge and transform common wisdom.
- strive to establish counterintuitive hypotheses and unconventional methodologies or technologies.
- stimulate new research directions.

Applicants must have completed their doctorate or have superior academic qualifications. They must be employed by a university or extra-mural research institution in Germany at the start of the project. Collaboration with institutes abroad is possible and these collaborators may receive funding.

Approximately 30 to 40 grants are available per year, worth up to €120,000 each over 18 months. Funds may cover all personnel and non-personnel costs, such as research stays abroad, visiting scientists, workshops and meetings.

<https://www.volkswagenstiftung.de/en/funding/our-funding-portfolio-at-a-glance/experiment>



Grants in Support of Projects in The Humanities, Social Science and Biomedicine Fields

Fritz Thyssen Foundation | Fritz Thyssen Stiftung, DE

Closing date: September 15, 2021

The Fritz Thyssen Foundation invites applications for its grants in support of projects. These support research projects in the humanities, social science and biomedicine fields. Applications are open within the following areas:

- history, language and culture;
- the interdisciplinary field of image-sound-language;
- state, economy and society;
- medicine and the natural sciences.

Interdisciplinary projects are also welcome.

Applications may be submitted by a university or other non-profit research institution. Applicants must have completed a doctoral or postdoctoral degree. The applicant must be actively involved in the research work plan for the project. The project must have a clear connection to the German research system. This connection can be established either at a personal level through German scientists working on the project, at an institutional level through non-German scientists being affiliated to German research institutes or through studies on topics related thematically to German research interests.

Grants may last up to three years and cover personnel costs and travel expenses.

<https://www.fritz-thyssen-stiftung.de/en/funding/types-of-support/support-of-projects/>

HORIZON-EIC-2021-TRANSITIONOPEN-01 – EIC Transition Open Call

Horizon Europe: Innovative Europe, EU

Closing date: September 22, 2021

The European Innovation Council, under Horizon Europe: Innovative Europe, invites proposals for its EIC transition – open call. This supports innovation activities based on results achieved in a previous pathfinder, FET flagship or European Research Council proof of concept project that go beyond the experimental proof of principle in laboratory. It supports both the maturation

and validation of the technology in the laboratory and in relevant application environments, as well as the development of a business case and business model towards the innovation's future commercialisation. Activities should include a suitable mix of research, technology development and validation activities to increase the maturity of the technology beyond proof of principle to viable demonstrators of the technology in the intended field of application, up to technology readiness levels 5 to 6.

The total budget is worth €59.6 million. Requests of up to €2.5m are considered appropriate, but larger amounts may be requested if justified. Funding is provided at 100 per cent of eligible costs. Funded applicants are also eligible to receive additional grants worth up to €50,000 to undertake portfolio activities.

https://eic.ec.europa.eu/eic-funding-opportunities/eic-transition_en

Vision Research Epidemiology Grant (UG1 Clinical Trial Not Allowed): AIDS-Related

NIH: National Eye Institute, US and other funders

Closing date: September 25, 2021, 17:00

The National Eye Institute invites applications for its vision research epidemiology grant (UG1 clinical trial not allowed) funding opportunity. This supports epidemiologic studies that use creative and innovative approaches to studying vision diseases and disorders with high public impact, to inform prevention and treatment strategies as well as basic sciences research.

Application budgets are not limited but need to reflect the actual needs of the proposed project. The maximum period is five years. The number of awards is contingent upon NIH appropriations and the submission of a sufficient number of meritorious applications.

US and foreign for-profit and non-profit organisations and public and private organisations may apply.

<https://grants.nih.gov/grants/guide/pa-files/PAR-21-204.html>

Primals Research Awards

University of Pennsylvania, US

Closing date: September 26, 2021 11:59PM EST

The University of Pennsylvania's Positive Psychology Center, with support from the Templeton Religion Trust,

invites letters of intent for its primals research awards. These support new empirical research that explores how primal world beliefs, otherwise known as primals, are formed, maintained, change or influence non-trivial outcomes or psychological processes. Applicants may propose to examine primals from any of the following disciplinary perspectives: clinical psychology; positive psychology; health psychology; organisational psychology; political psychology; personality psychology; social psychology; developmental psychology.

Principal investigators must have a PhD and be in a contracted faculty position at an accredited college or university anywhere in the world.

One award worth USD 250,000 and two awards worth USD 125,000 each for 24 months are available.

<https://ppc.sas.upenn.edu/opportunities/primals-research-awards-rfp>

Research Group Grants

Bielefeld University, DE

Closing date: October 1, 2021

Bielefeld University's Center for Interdisciplinary Research (ZiF) invites proposals for its research group grants. These support the establishment of interdisciplinary research groups in the natural sciences, humanities or social sciences. Fellows will reside at the ZiF and work together on a broader research theme. Interdisciplinary teams consisting of two to three scholars of any nationality may apply. Research projects should include international and interdisciplinary cooperation.

Projects with a duration of five months may receive up to €250,000 and projects with a duration of 10 months may receive up to €500,000.

<https://www.uni-bielefeld.de/ZiF/>

Women in STEM2D Scholars Award

Johnson & Johnson, US

Closing date: October 15, 2021

Johnson & Johnson invites applications for its women in STEM2D scholars award. This supports the development of female leaders in science, technology, engineering, mathematics, manufacturing and design.

Applicants must be female assistant professors or hold a global equivalent faculty position at an accredited academic university, institution or design school. They must hold a PhD in science, technology, engineering, mathematics or manufacturing or a master's degree or above in design.

The award is worth up to USD 150,000 over three years.

<https://www.jnj.com/wistem2d>



Radical Improvement of Road Safety in Low- and Medium-Income Countries in Africa

European Commission, EU

Closing date: October 19, 21 17:00:00 Brussels time

Horizon Europe, under Global Challenges and European Industrial Competitiveness, and its climate, energy and mobility cluster, invites applications for HORIZON-CL5-2021-D6-01-11 - radical improvement of road safety in low and medium income countries in Africa. This aims to develop safe, seamless, smart, inclusive, resilient and sustainable mobility systems for people and goods thanks to user-centric technologies and services including digital technologies and advanced satellite navigation services.

Proposals must take the form of research and innovation actions, or innovation actions. Research and innovation actions and innovation actions require participation by at least three legal entities; each established in a different EU member state or Horizon Europe associated country. Participants from selected LMICs are automatically eligible for funding. Participants from other countries may participate at their own cost

https://www.euro-access.eu/calls/testing_safe_lightweight_vehicles_and_improved_safe_human-technology_interaction_in_the_future_traffic_system

FELLOWSHIPS

Hans Fischer Early-Career and Senior Fellowships – International Fellows

Technical University of Munich | Technische Universität München, DE

Closing date: October 27, 2021

The Technical University of Munich invites nominations for the Hans Fischer early-career and senior fellowships for international fellows. These provide researchers with the necessary time and financial support to explore new venues, to develop novel research areas and to establish intensive international collaborations. All areas of the TUM research portfolio are considered.

Fellows must submit a joint application together with the planned TUM host. Each prospective host must nominate two potential Fellows, one of which must be a female scientist. Additionally for early-career researchers, proposed fellows must have completed their doctorate within the last 12 years to be eligible.

Fellowships are worth up to €120,000 each for early-career researchers and up to €170,000 each for senior researchers over three years. Fellows spend at least nine months at TUM. Funding covers travel, housing, research-related costs and support for one doctoral candidate at TUM.

<https://www.ias.tum.de/fellowship-program/hans-fischer-fellowship/>

European Excellence Initiative (EEI): Strengthening Capacity for Excellence in Higher Education Institutions and Surrounding Ecosystems (HORIZON-WIDERA-2021-ACCESS-05)

European Commission, EU

Closing date: November 4, 2021 17:00:00 Brussels time

The European Institute of Innovation and Technology, through EIT RawMaterials, in partnership with Eramet, invites applications for its responsible mining innovation challenge. This supports innovative technology solutions within the area of responsible mining. Solution may focus on the following: environmentally friendly exploration; water management; safety and monitoring at remote mining sites; mine rehabilitation and biodiversity; traceability of raw materials. Other solutions that fit the topic of responsible mining will also be considered.

Start-ups or SMEs anywhere in the world with a solution at technology readiness level five or above may apply.

Ten successful applicants will be invited to pitch their solution to a jury at an open innovation event on 9 November 2021, after which three candidates will have the opportunity to be coached by Eramet and EIT RawMaterials experts. The winning team receives a collaboration contract with Eramet worth up to €50,000, with potential extension to a long-term collaboration.

[Eramet and EIT RawMaterials launch the Responsible Mining Innovation Challenge 2021 | EIT RawMaterials](#)

University Research Fellowships

Royal Society, GB

Closing date: September 7, 2021

The Royal Society invites applications for its university research fellowships. These enable early-career scientists who have the potential to become leaders in their field to build an independent research career in the natural sciences. This covers all fields of natural sciences, including biological research, chemistry, engineering, mathematics and physics, but excludes clinical medicine.

Applicants must hold a PhD and have three to eight years of research experience since obtaining their PhD. They must not hold a permanent post in a university or non-profit organisation or a nationally competitive fellowship that provides an opportunity to establish an independent research group and therefore independent researcher status. There are no nationality restrictions, but fellowships must be held at a UK university of non-profit research organisation, including research council institutes.

Fellowships are awarded for five years, but extensions may be awarded for three additional years. Awards cover 80 per cent of the fellow's salary costs, which is up to £41,000 in the first year, research assistance as well as research expenses of up to £13,000 for the first year and up to £11,000 for every year thereafter.

<https://royalsociety.org/grants-schemes-awards/grants/university-research/>

EIPOD4 Postdoctoral Fellowship Programme

European Molecular Biology Laboratory, EUR

Closing date: September 7, 2021

This supports academic, industry and clinical self-designed interdisciplinary research projects based at EMBL. All projects must involve at least two EMBL groups. Three tracks are supported:

- the academic track is designed for fellows largely interested in pursuing a classical academic career;
- the industry track supports interdisciplinary research projects involving an industry partner or applied research projects;
- the clinical track targets MD and PhDs who aspire to work as physician scientists and fellows with a strong interest in biomedical research.

Researchers of all nationalities with diverse educational backgrounds including life sciences, mathematics, chemistry, physics and engineering may apply. Applicants must hold a PhD or four years of full-time equivalent research experience.

There are 20 fellowships available that includes three years of funding, travel and accommodation costs to visit partner labs and conference funds.

<https://www.embl.de/training/postdocs/08-eipod/EIPOD4-programme/index.html>

Andrew W Mellon Foundation Fellowship

Newberry Library, US

Closing date: November 1, 2021

The Newberry Library, under its long-term fellowships programme, invites applications for the Andrew W Mellon foundation fellowship. This supports postdoctoral scholars in conducting research in any field relevant to the library's collections in-residence for four to nine months. Applicants must hold a PhD by the application deadline. US and foreign citizens may apply.

The fellowship includes a stipend worth USD 5,000 per month.

<http://www.newberry.org/long-term-fellowships>

Invitational Fellowship Programme for Research in Japan – Short-Term

Japan Society for the Promotion of Science, JP

Closing date: November 07, 2021

The Japan Society for the Promotion of Science invites applications for its short-term invitation fellowship programme for research in Japan. This enables researchers outside of Japan to undertake short-term visits to Japan and provide them with opportunities for discussions, opinion exchanges, lectures and other activities. All fields of the humanities, social sciences and natural sciences are eligible.

The host applicant must be full-time researchers and affiliated with a research institution. Those who are not employed full-time may be eligible if the host institution judges them able to execute their responsibility to carry out the programme throughout the fellowship. The overseas researcher must be citizens or permanent residents of a country that has diplomatic relations with Japan. Persons of Japanese nationality are eligible to apply if they have resided in a foreign country for 10 years or longer and are judged to have played an active role in that country's scientific community. They must be full-time researchers or persons with full-time researcher status at a university or research institution with a position equivalent to a professor, associate professor or assistant professor. Researchers of other status may apply if it has been six years or longer since they obtained their doctoral degree.

Fellowships last for 14 to 60 days and include airfare, a maintenance allowance of JPY 18,000 per day, overseas travel insurance and a research support allowance of up to JPY 150,000.

<https://www.jsps.go.jp/english/e-inv/index.html>



Kindly e-mail us at: orid-paw@ug.edu.gh for a one-on-one engagement with your **Research Support Staff**.