



Pfizer Independent Medical Education RFP

Diagnosis and Diagnostic Tests for Metallo- β -Lactamase (MBL) Producing Bacterial Infections

Competitive Grant Program –Pfizer Internal Review Process



Overview

This competitive program aims to foster healthcare professional education to support them in making evidence-informed decisions in the diagnosis and management of patients with Metallo- β -Lactamase (MBL) producing bacterial infections.



Geographic Scope

Global excluding United States and Canada



Project Types and Area of Interest

Potential applicants are encouraged to identify and address the educational needs of healthcare professionals relating to the early diagnosis of MBL-producing bacterial infections to improve the management of patients with these infections. This may include:

- Needs assessment to better understand, assess and identify knowledge gaps and opportunities for action in diagnosis and testing including understanding of risk factors.
- Educational tools/resources to reduce information barriers and knowledge acquisition.
- Educational programs to improve knowledge comprehension and ensure equitable access and improved patient outcomes



Key Milestones

- Application submission deadline: April 18, 2024
- Anticipated decision notification date: June 2024
- Anticipated project start date: on or after July 1, 2024



Funding Range

Individual projects requesting up to \$100,000 USD will be considered. Pfizer anticipates awarding 2 projects.

I. Eligibility

Geographic Scope:

- Global excluding United States and Canada

Applicant Eligibility Criteria

- The following may apply: medical, dental, nursing, allied health, and/or pharmacy professional schools; healthcare institutions (both large and small); professional organizations/medical societies; medical education companies; and other entities with a mission related to healthcare professional education and/or healthcare improvement.
- Only organizations are eligible to receive grants, not individuals or medical practice groups (i.e., an independent group of physicians not affiliated with a hospital, academic institution, or professional society).
- If the project involves multiple departments within an institution and/or between different institutions / organizations / associations, all institutions must have a relevant role and the requesting organization must have a key role in the project.
- The applicant must be the project/program lead or an authorized designee of such individual (e.g., project/program lead's grant coordinator).
- The project/program lead must be an employee or contractor of the requesting organization.
- Requesting organization must be legally able to receive award funding directly from Pfizer Inc. We strongly recommend that applicants confirm this with their organization or institution prior to submitting an application. Grants awarded to organizations that are subsequently found to be unable to accept funding directly from Pfizer Inc. may be subject to rescission.

II. Requirements

Date RFP Issued

- March 7, 2024

Clinical Area

- Metallo- β -lactamase (MBL) producing bacterial infections

General Area of Interest for this RFP:

Antimicrobial resistance (AMR) is considered to be one of the biggest threats to public health today.¹ Acquired resistance among species belonging to the *Enterobacterales* order is a growing cause of concern.²

One resistance mechanism of particular concern is production of β -lactamases.² In particular, the metallo- β -lactamases (MBLs) are an emerging multi-drug resistant threat,³ with very limited treatment options.

Multidrug-resistance due to the production of an MBL increases the likelihood of inappropriate initial antibiotic regimen, increasing the risk of morbidity and mortality.⁴ Rapid detection of infections caused by MBL-producing pathogens could enable earlier, appropriate antimicrobial therapy as well as immediate prevention precautions, facilitating appropriate treatment and improving outcomes.⁵

Multidrug resistant infections due to MBL-producing bacteria are an important health issue that impacts vulnerable populations globally, and in many settings, health care workers are unaware about the presence of these β -lactamases, are unfamiliar with diagnosis of these infections, and the diagnostic tests

that are available to detect MBL-producing bacteria.

The intent of this RFP is to support educational initiatives for healthcare professionals involved in the diagnosis and management of patients with MBL-producing bacterial infections. Proposals that will be considered for Pfizer support will focus on:

- Identifying and addressing the educational needs of healthcare professionals related to the early diagnosis of MBL-producing bacterial infections to improve the management of patients with these multidrug resistant infections.
- Addressing knowledge gaps in the testing, including:
 - laboratory capacity to detect MBL-producing bacteria through genotypic and phenotypic testing.
 - uses of laboratory testing to better inform early and appropriate treatment selection options for patients with MBL-producing bacterial infections that might also improve patient outcomes.
 - ensuring equitable access to such testing.
- Increasing the understanding of the risk factors associated with MBL-producing bacterial infections to:
 - better equip physicians to suspect a potential MBL-producing bacterial infection.
 - diagnose the presence of an MBL-producing bacterial infection based on clinical signs and symptoms and risk factors.
 - deploy appropriate diagnostic tests to confirm the type of infection, the presence of MBL-producing bacteria and / or the susceptibility of the pathogen to available treatment options.

Successful proposals should include measurement of outcomes, inclusive of learner progression throughout the activity, extent to which the activity closed the identified gaps, and patient impact. Preferred proposals would also provide learners with continuing medical education (CME) accreditation.

It is not our intent to support clinical research projects. Projects evaluating the efficacy of therapeutic or diagnostic agents will not be considered.

Target Audience

- ID physicians, clinical microbiologists, ICU physicians, internal medicine physicians, and any HCPs involved in the testing, diagnosis, and treatment of patients with MBL-producing bacterial infections.

Expected Approximate Monetary Range of Grant Applications:

- Individual projects requesting up to \$100,000 will be considered. Pfizer anticipates awarding 2 projects.

Key Dates:

- RFP release date: March 7, 2024
- Grant Application due date: April 18, 2024
Please note the deadline is 23:59 Eastern Standard Time (e.g., New York, GMT -5).
- Anticipated Grant Award Notification Date: June 2024
- Grants will be distributed following a fully executed agreement.
- Anticipated Project Start Date: on or after July 1, 2024

How to Submit:

Note: Please read this section carefully since applications submitted not following these instructions will not be accepted and will be cancelled.

- Please go to www.cybergrants.com/pfizer/knowledge and sign in. First-time users should click “Create your password”. *[Note: there are individual portals for each grant application type. Please be sure to use the URL above.]*
- Click the “Start A New Knowledge Gap Application” button.
- In the application:
 - For the question “What type of request are you submitting?” select Response to a Request for Proposal (RFP)
 - For the question “Are you replying to a Request for Proposal (RFP) as part of the Competitive Grant Program?” select Yes
 - Select the following Competitive Grant Program Name: 2024 HOS Global MBL-Producing Bacterial Infections IME
 - Select the following Primary Area of Interest: Infectious Disease – Bacterial - KG
- Requirements for submission:

Complete all required sections of the online application and upload your project proposal (see [Appendix](#)) in the General RFP Submission field.
- If you encounter any technical difficulties with the website, please click the “Technical Questions” link at the bottom of the page.

IMPORTANT: Be advised applications submitted after the due date will not be reviewed.

Questions:

- If you have questions regarding this RFP, please direct them in writing to the Grant Officer, Camille Jimenez (camille.jimenez@pfizer.com), with the subject line “2024 HOS Global MBL-Producing Bacterial Infections IME RFP.”

Grant Agreements:

- If your grant is approved, your institution will be required to enter into a written grant agreement with Pfizer. Please click [here](#) to view the core terms of the agreement.
- Under Pfizer's competitive grant program, modifications to grant agreements will not be reviewed unless a genuine conflict exists as between applicable law and the terms of the relevant grant agreement. Applicant is encouraged to share the core terms with counsel for approval prior to submitting an application.
- Except where prohibited by applicable law and, in any case, subject to review by Pfizer Legal, payment of grant funding may only be paid to the grantee organization.
- This RFP is supported by Pfizer Inc. and, if approved, payment will be sent from the United States.

Review and Approval Process

- Grant requests received in response to a general RFP are reviewed by Pfizer to make final grant decisions.

Mechanism by which Applicants will be Notified:

- All applicants will be notified via email by the dates noted above.
- Applicants may be asked for additional clarification during the review period.

References

1. European Centre for Disease Prevention and Control. Antimicrobial resistance surveillance in Europe 2023 - 2021 data. [Antimicrobial resistance surveillance in Europe 2023 - 2021 data \(europa.eu\)](https://ecdc.europa.eu/en/antimicrobial-resistance/surveillance) (Last accessed February 2024);
2. Castanheira M, et al. Open Forum Infect Dis 2019;6 (Suppl. 1):S23–S33;
3. Boyd SE, et al. Antimicrob Agents Chemother 2020;64:e00397-203;
4. Babu KV, et al. J Nat Sci Biol Med 2014;5(2):345–51. doi: 10.4103/0976-9668.136181. PMID: 25097412; PMCID: PMC4121912.
5. Cespedes Santana M, et al. IDCases 2022;27:e01385. doi: 10.1016/j.idcr.2022.e01385. PMID: 35070715; PMCID: PMC8762063.

About Pfizer Global Medical Grants

Pfizer Global Medical Grants (GMG) supports the global healthcare community's independent initiatives (e.g., research, quality improvement, or education) to improve patient outcomes in areas of unmet medical need that are aligned with Pfizer's medical and/or scientific strategies.

Pfizer's GMG competitive grant program involves a publicly posted general Request for Proposal (RFP) that provides detail regarding a general area of interest, sets timelines for review and approval, and uses an internal Pfizer review process to make final grant decisions. Organizations are invited to submit an application addressing the knowledge gaps as outlined in the specific RFP.

For all independent medical education grants, the grant requester (and ultimately the grantee) is responsible for the design, implementation, and conduct of the independent initiative supported by the grant. Pfizer must not be involved in any aspect of project development, nor the conduct of the independent education program.

Appendix

General RFP Submission Requirements

Applications will be accepted via the online portal listed in the [How to Submit](#) section. Project Proposals should be single-spaced using Calibri 12-point font and 1-inch margins. Note there is a 15-page limit exclusive of references. When uploading your Project Proposal please ensure it addresses the following sections:

Goals and Objectives

- Briefly state the overall goal of the project.
- List the objectives you plan to meet with your project, in terms of learning and expected outcomes.

Needs Assessment for the Project

- Include a description of your organization's needs assessment for this proposed project which may include a quantitative baseline data summary, initial metrics, or a project starting point (please cite data on gap analyses or relevant patient-level data that informs the stated objectives) in your target area.

Target Audience

- Describe the primary audience(s) targeted for this project. Indicate whom you believe will directly benefit from the project outcomes. Describe the overall population size as well as the size of your sample population.

Project Design and Methods

- Describe the planned project, the educational approach, and the way the planned methods address the established need.

Innovation

- Explain what measures you have taken to assure that this project is original and does not duplicate other projects or materials already developed. Describe how this project builds upon existing work, pilot projects, or ongoing projects developed either by your institution or other institutions.

Evaluation and Outcomes

- In terms of the metrics used for the needs assessment, describe how your organization will determine if the gap was addressed for the target group. Identify the sources of data your organization anticipates using to make the determination. Describe how your organization is expected to collect and analyze the data. Explain the method used to control for other factors outside this project (e.g., use of a control group or comparison with baseline data). Quantify the amount of change expected from this project in terms the target audience. Describe how your organization will determine if the target audience was fully engaged in the project.

Dissemination Plan

- Describe how the project may have extended benefit beyond the grant. Will the teaching materials be made available to others to use? Will there be tools or resources that are made publicly available beyond the initial project. Describe how the project outcomes might be broadly disseminated.

Anticipated Project Timeline

- Provide an anticipated timeline for your project including project start/end dates.

Additional Information

- If there is any additional information you feel Pfizer should be aware of concerning the importance of this project, please summarize here

Organization Detail

- Describe the attributes of the institutions / organizations / associations that will support and facilitate the execution of the project and the leadership of the proposed project. Articulate the specific role of each partner in the proposed project.

Budget Detail

- Please submit your budget in USD.
- Please include a budget narrative that describes in greater detail the line items specified in the budget submitted within the application.
- While estimating your budget please keep the following items in mind:
 - Independent Medical Education Grants awarded by GMG cannot be used to purchase therapeutic assets (prescription or non-prescription).
 - Overhead rates of up to 28% of the total proposed project budget may be supported by Pfizer. Please [click here](#) for details. General organizational running costs such as legal fees, insurance, heating, and lighting etc. should be included in an Institutional Overhead (if required). These costs are not specific to a grant request and therefore, should not appear as line items in budgets. However, costs that are specific to the study (e.g., some countries require insurance to be taken out on a per-study basis for clinical research) would be acceptable to be included as line items.