

# Understanding the pathogenesis of diabetes that develops atypically, or in minority populations highlight notice

To support the development of future research in this area, Diabetes UK welcomes applications for research which seeks to better understand the aetiology and progression of diabetes that sits outside of the majority of cases.

## Application assessment process

All applications received under this highlight notice will be assessed through the Diabetes UK standard assessment procedure for Project grants and will be considered in competition with all applications submitted.

Applications will be assessed by the **scientific panel** on following criteria:

- Potential difference the research will make to the lives of people with diabetes.
- Scientific excellence.
- Track record of the applicants.
- Value for money.

Applications will be assessed by the **Grants Advisory Panel** on the following criteria:

- Relevance to people with diabetes and its potential impact.
- The timescale on which the project could make a difference to people living with diabetes.
- The extent of involvement of people with diabetes in the development and the management of the study.

Click [here](#) for more information about the administrative process

## Priority Research Question

Better understanding of the pathogenesis of diabetes that develops atypically or in minority populations has been identified by the Diabetes Research Steering Groups as an under-researched area of strategic importance. The scientific insights that can be gained by investigating these groups will inform understanding of the causes, diagnosis, treatment and management of diabetes both within these groups and in the general population more broadly, highlighting the need for research in this area.

To support the development of future research in this area, Diabetes UK welcomes applications for research which seeks to better understand the aetiology and progression

of diabetes that sits outside of the majority of cases. Key examples include, but are not restricted to:

- Type 2 diabetes in people of a younger age or lower weight than is typical at diagnosis
- People of ethnicities who are at increased risk of developing type 2 diabetes and its complications relative to white Europeans
- People with diabetes and another condition which had a causative relationship with it, such as cystic fibrosis\* and cystic fibrosis-related diabetes\*\*; lipodystrophy disorders and insulin-treated diabetes; or type 3C diabetes and either pancreatic cancer or pancreatitis
- Development of diabetes following medications such as checkpoint inhibitors
- Monogenic causes of diabetes
- People with long-duration type 1 diabetes without complications
- Type 1 diabetes that rapidly progresses to complications
- Those that develop gestational diabetes with no risk factors
- Those that are antibody positive but are not insulin-dependent for many years or who only need insulin under certain circumstances e.g. in pregnancy or when very unwell
- Ketone prone type 2 diabetes

Applications should specify how their research will lead to better understanding of causes of diabetes, better diagnosis and /or improved treatment and management.

## Funding

Diabetes UK invites applications in line with our [project grant](#) scheme funding.

## Deadline

1 December 2021 17:00hrs (Committee meets in May/June 2022)

## How to apply

[Apply for a Diabetes UK grant through our online portal](#) and select “Understanding the pathogenesis of diabetes that develops atypically or in minority populations”

For further details please contact the Diabetes UK Research team at [research@diabetes.org.uk](mailto:research@diabetes.org.uk)

## **\*/\*\*Partnership – The Cystic Fibrosis Trust**

Applications submitted looking at the causative relationship between diabetes and cystic fibrosis and cystic fibrosis-related diabetes will be considered in partnership with the Cystic Fibrosis Trust. Successful applications will be funded jointly by both funders.

## Other offers of support

If you are developing proposals that have pancreatic cancer as a component or you would like to explore if your proposal could apply in the context of pancreatic cancer, please get in touch with Pancreatic Cancer UK to get support with the development of your application

The support they can provide includes but is not limited to:

- Fostering collaborations with key members of the pancreatic cancer research community to ensure you have the best people and expertise in your team
- Facilitating Public and Patient Involvement with their Research Involvement Network of over 230 people with lived experience to ensure that the work is of relevance and importance to patients
- Providing letters of support and patient testimonials
- Commenting on and adding value to your application from the unique perspective of their Research, Data & Intelligence and Support Line Nurse teams

If you are interested in finding out more please email [research@pancreaticcancer.org.uk](mailto:research@pancreaticcancer.org.uk)