

The German Diabetes Center (DDZ), Leibniz Institute for Diabetes Research at Heinrich Heine University (HHU) in Düsseldorf is funded by the Federal Ministry of Culture and Science of the State of North Rhine-Westphalia. The DDZ as an interdisciplinary institute links molecular and cell biological basic research with clinical investigation. The DDZ aims at developing new approaches for the prevention, early detection, diagnosis and treatment of diabetes mellitus and at improving the treatment of its complications. The DDZ is a member of the German Center for Diabetes Research (DZD).

The Research Group "Inflammation" (Head: Prof. Dr. Christian Herder) within the Institute for Clinical Diabetology at the German Diabetes Center (Director: Prof. Dr. Michael Roden) is looking for a

## Postdoc (m/f/div.)

We are searching for a highly motivated candidate to work in a multidisciplinary and international team. The research group "Inflammation" investigates the role of inflammation-related processes in type 2 diabetes. The group characterizes the mechanistic impact of specific biomarkers of subclinical inflammation on the cellular level as and their predictive value for the incidence of type 2 diabetes and its complications in clinical and epidemiological studies (selected recent publications: *Diabetes Care* 2017;40:569-576; *Arterioscler Thromb Vasc Biol* 2017;37:1222-1227; *Nat Rev Endocrinol* 2018;14:567-568; *Diabetes* 2018;67:2434-2442; *Diabetes Metab Res Rev* 2019;35:e3074).

### A successful applicant will be responsible for and contribute to:

- Molecular and cellular studies on the interaction between inflammation and mechanisms related to the development of type 2 diabetes and its complications (e.g. insulin resistance, endothelial dysfunction...).
- Analyses of transcriptomics and proteomics profiles.
- Statistical analyses of data (including pathway analysis).
- Presentation of research results in national/international conferences.
- Writing publications and grant applications.

### We expect:

- PhD degree/proof of finalized PhD thesis in Biology, Biochemistry or related discipline.
- Excellent expertise in cell culture (e.g. adipocytes, endothelial cells, hepatocytes) and molecular biology techniques.
- Expertise and interest in biostatistics.
- Excellent scientific writing and communication skills in English.
- Track record of working in an interactive/interdisciplinary team.
- High affinity for biomedical and translational research.
- Good organization and decision-making skills.

### We offer:

- The position is to be awarded starting **from January 1<sup>st</sup>, 2020**.
- The initial contract runs **for 2 years** with an option of prolongation.
- The salary is based on qualification and experience according to TV-L in its current version for North Rhine-Westphalia.
- The DDZ is committed to family-friendly working conditions and equal gender policy. Since May 2011, the DDZ is a "Career and Family" audit-acknowledged Center.
- Women are encouraged to apply, and in the case of equal qualification will be given preference.
- Persons with disabilities will be given preference.

Please submit your application in English (by e-mail) with the relevant documents (cover letter, CV, university certificates, list of publications, names and contact details of two referees) combined in a single PDF file with the reference code **PD-I-19-1** to : [personal@ddz.de](mailto:personal@ddz.de). For further information please contact Prof. Dr. Christian Herder , Tel. +49 (0)211 3382-647.

Data collection and further processing of your application at the DDZ will take place mainly by means of electronic data processing. The regulations pertaining to data protection laws will be adhered to. By sending us your application you consent to this procedure.