



**Research fellowship on “The optimal individualized therapeutical treatment of diabetes type 2 kidney disease” - Università Ca' Foscari Venezia**

(Italian law 30 December 2010, n.240, art. 22 and subsequent amendments and additions)

The present document in English is to be considered as a mere summary of the main provisions of the notice of competition which is available in Italian at the following ([link](#)) The text in Italian is the official text of the notice of competition for all legal intents and purposes and, in the event of non-conformity with the present document, it shall prevail.

**Description**

The ECLT Centre at Università Ca' Foscari Venezia invites applications for a fellowship in:

- Title: The optimal individualized therapeutical treatment of diabetes type 2 kidney disease
- scientific disciplinary sector: SECS -S/01 Statistics
- tutor: Prof. Achille Giacometti
- abstract: The main objective of this project is to identify the best individualized therapeutical treatment of diabetic type 2 kidney disease. A large high-dimensional longitudinal set of data observed in different European countries must be analyzed from a systems medicine perspective. The data include a large number of parameters on each patient (demographic, clinical, biological, lifestyle), as well as the drug combinations prescribed at each annual visit. The aim of the analysis is to develop strategies for identifying predictive and prescriptive variables to drive a decision system based on the optimal clinical state map. Problems to be addressed include the nonlinearity of the response function, the high intra- and inter-heterogeneity of the progress of the disease, and the accuracy of the resulting personalized prediction. The successful applicant will derive a final treatment decision-making decision tool-box and will direct and coordinate research by the entire project research team on different predictive methodologies to discover the best treatment.

This research is funded by the European project H2020: Drug combinations for rewriting trajectories of renal pathologies in type II diabetes (see DC-ren, <https://dc-ren.eu/>), as part of the systemic approaches for the discovery of combination therapies for complex pathologies, with duration 2020-2025.

The research may be carried out in English.

The fellowship is intended to provide the successful candidate with the opportunity to pursue his/her own research while benefiting from the range of expertise at Università Ca' Foscari Venezia.

**Who can apply**

Prospective candidates are expected to hold a master's degree in economics, or related disciplines.

Ca' Foscari encourages applications from researchers with positive evaluation in all the criteria in individual proposals such as Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young

Independence Research) or similar.

Researchers having successfully completed Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar funded projects are warmly encouraged to apply.

**Duration of contract:** 12 months (approximately starting: January 2024).

**Stipend:** The research fellowship amounts to 32.568,00 Euros per year, including taxes and social charges.

**Deadline for submission of applications: December 12, 2023, 12.00 noon.**

### How to apply:

Candidates shall submit:

1. The application form;
2. A motivation letter (max 1 page) along with their CV in European format, duly dated and signed, both to be enclosed as a single.pdf file ([link](#)); a declaration must be appended in the footnote of the curriculum, pursuant to the Italian DPR 445/2000 and subsequent amendments and additions, that the information provided corresponds to the truth. Moreover the candidates have to consent to the use of their personal data for the purposes of this selection procedure pursuant to the Italian Legislative Decree 196/2003 and to the EU Regulations 2016/679;
3. The attachments called "obligations and understanding" and "participation and compatibility";
4. All documents, qualifications and publications relevant for the selection procedure (please, see the notice - [link](#));
5. A copy of a valid identity document (either Identity Card or Passport);
6. (If available) Evaluation Summary Reports of Marie Skłodowska Curie Actions - Individual Fellowships/ ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) individual proposals having passed all the evaluation thresholds;
7. (If available) Details of Marie Skłodowska Curie Actions - Individual Fellowships, ERC Starting Grants, FIRB (Italian Fund for basic research investments)/ SIR Scientific Young Independence Research funded projects;
8. Declaration on availability to hold the interview in remote ([Link](#)) to be sent via email at the following address: [eclt@unive.it](mailto:eclt@unive.it).

All the schemes of the quoted documentation are available on the website ([link](#)).

**Incomplete applications will be rejected.**

### How to submit your application

Applications should be submitted by the online procedure, available at the following link:

<https://apps.unive.it/domandeconcorso-en/accesso/dcren27112023trattamentoottimale>

The candidate, after the uploading, will receive a submission number and an e-mail acknowledging receipt of his/her application.

The candidate if necessary could access the procedures for updating any data and materials by the link provided by the e-mail, in any case any updates must be made no later than the deadline **December 12, 2023, 12.00 noon**.

Please note that the University can be contacted for any support needs by the candidate until 24 hours prior to the deadline.

Please note that in case of an high number of applications and / or weight of the materials loaded by the candidates the system might become slower, Therefore it is suggested not to start the process close to the deadline.

**NB:** the University does not take on responsibility for wrong or late communication of addresses, nor for any communication problem not depending on the University.

### **Evaluation**

Up to 100 points, specifically:

For qualifications, publications and possible tests, from 0 to 60;

For interview, from 0 to 40.

### **Selection procedure**

The interview will be on December 19, 2023. The interview will be held in remote.

The short-list of the candidates admitted to the interview, the schedule or any postponement, will be published on the University's webpage on December 14, 2023 ([link](#)).

### **Information and contacts**

Candidates may find further details about the application process and the research project in the official call published on the following ([link](#))

For further information please contact [eclt@unive.it](mailto:eclt@unive.it).