

09/03/2022

OXYMOD - COMPETITION FOR GRANTING 1 Research Fellowship_BIL

Where to apply

Application Deadline: 25/03/2022 23:00 - Europe/London

Contact Details

Where to send your application.


COMPANY

NOVA.id.FCT- Associação para a Inovação de Desenvolvimento da FCT

E-MAIL

cristina.cordas@fct.unl.pt

APPLICATION FORM

bolsa_investigacao_lic_laqv_biologicalchemistry_projectooxymod_2022_eng.pdf 
(108.18 KB)

Hiring/Funding Organisation/Institute

ORGANISATION/COMPANY

NOVA.id.FCT- Associação para a Inovação de Desenvolvimento da FCT

COUNTRY

Portugal

CITY

Caparica

ORGANISATION TYPE

Other

WEBSITE<http://www.novaid.fct.unl.pt/>**POSTAL CODE**

2829-516 Caparica

STREET

Campus de Caparica

ORGANISATION/COMPANY

NOVA.id.FCT- Associação para a Inovação de Desenvolvimento da FCT

LOCATION

Portugal › Caparica

RESEARCH FIELD

Chemistry › Biochemistry

REFERENCE NUMBER

269408/O70

RESEARCHER PROFILE

First Stage Researcher (R1)

APPLICATION DEADLINE

25/03/2022 23:00 - Europe/London

OFFER DESCRIPTION

A tender is open for the attribution of 1 Research Scholarship within the scope of the project OXYMOD - Optimized oxidative enzyme systems for efficient conversion of lignocellulose to valuable products, NovalD.FCT, Project ref. 269408/O70, funded by services from NMBU, under the following conditions:

1. Work Plan:

The redox processes involved in the lignin and cellulose enzymology need to be studied to find more efficient methodologies for the lignocellulose conversion towards added-value products. In the current work the behavior of the enzymes involved in these processes (LPMO, catalases and peroxidases), including the mechanisms of interaction between the enzymes and their electrochemical properties. Catalytic, kinetic and thermodynamic parameters of the described systems will be attained.

2. Workplace:

The work will be developed at LAQV, REQUIMTE, Laboratory 403, 405 and 135, Chemistry Department, NOVA School of Science and Technology, Universidade NOVA de Lisboa, under scientific supervision of Dr. Cristina M. Cordas, being the contracted Institution NOVA.id.FCT – Associação para a Inovação e Desenvolvimento da FCT.

3. Fellowship duration:

The fellowship will be attributed for 6 months, with beginning predicted for April 2022. The fellowship contract can be extended, under the scope of the Project, in a maximum total of 9 months.

4. Application deadline and form of application submission:

The call is open from 14 to 25 of March 2022. The application should include a letter of intention together with a summary of the Curriculum Vitae, certification of habilitations and other documents that are considered relevant. Also, the proof of the registration in a course awarding or not awarding an academic degree integrated in an educational project of a Higher Education Institution, in agreement with point 2 of this public notice. The applications should be sent to the email: cristina.cordas@fct.unl.pt.

5. Applicable legislation and regulations:

Law No. 40/2004, of August 18, amended and republished by Decree-Law No. 202/2012 of August 27 (Statute of the Scientific Research Fellow) and amended by Decree-Law No. 233/2012 of October 29, by Law No. 12 /2013 of 29 January, by Decree-Law No. 89/2013, of 9 July and Decree-Law No. 123/2019, of 28 August; Regulation of Research Grants of NOVA.id.FCT – Association for Innovation and Development of FCT; Regulation of Research Grants of the Foundation for Science and Technology, I.P. in force (<https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>).

More Information

ADDITIONAL INFORMATION

Benefits

1. Monthly maintenance allowance amount:

The monthly maintenance allowance is 875,98 €, according to the fellowship references of FCT, I.P. in the Country, being the payment done by bank transfer.

Eligibility criteria

1. Selection criteria:

The evaluation and correspondent percentages are as follows:

a) curricular evaluation, namely the quality, and quantity of the scientific production in the field of the current position and also the recognition of the scientific community; relevance of the studies to the development of the scientific field, with the percentage of 70%;

b) evaluation of the research activities, namely the experience in the necessary techniques, including the electrochemical, for the position with the percentage of 30%.

Selection process

1. Composition of the Selection Jury:

President of the Jury: Dr. Cristina M. Cordas

1º effective Member: Professor José Moura

2º effective Member: Doutora Marta Carepo

1º substitute Member: Doutora Maria João Nunes

2º substitute Member: Professor Sofia Pauleta

2. Application deadline and form of application submission:

The call is open from 14 to 25 of March 2022. The application should include a letter of intention together with a summary of the Curriculum Vitae, certification of habilitations and other documents that are considered relevant. Also, the proof of the registration in a course awarding or not awarding an academic degree integrated in an educational project of a Higher Education Institution, in agreement with point 2 of this public notice. The applications should be sent to the email: cristina.cordas@fct.unl.pt.

Additional comments

1. Drafts:

The drafts of: i) fellowship contract, ii) final report to be presented by the fellowship holder, iii) final report to be presented by the scientific advisor, and; iv) declaration on honor, can all be found on NOVA.id.FCT website.

Web site for additional job details

https://www.novaidfct.pt/wp-content/calls/call/Bolsa_Investiga%C3%A7%C3%A3o_L...

REQUIREMENTS

Offer Requirements

Skills/Qualifications

1. Recipients' profile/category:

- Academic habilitation: Graduation in Biochemistry or similar fields;

Mandatory Requirements:

- Registration in an academic or non-academic degree course integrated in an educational project of a Higher Education Institution;

Preferred factors

- Experience in electrochemistry, in particular in metalloproteins characterization and/or electrocatalysis.

The supporting documents must be presented in the application, or at the most till the contract of the fellowship, being replaced before that by an honor declaration.

Map Information



Job Work Location



Personal Assistance locations

WORK LOCATION(S)

1 position(s) available at
NOVA.id.FCT- Associação
para a Inovação de
Desenvolvimento da FCT
Portugal
Caparica
2829-516 Caparica
Campus de Caparica

EURAXESS offer ID: 754157

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