



**L-Università
ta' Malta**

**Office for Human
Resources Management
& Development**

University of Malta
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Call for Applications

Post/s of Full-Time/Part-Time Research Support Officer III or IV (post-doc)

PharmaTaxis

Synthesis, crystal engineering and characterisation of pharma complexes

And Any Other Projects Undertaken by Crystal Engineering Malta within the Department of Chemistry

1. Applications are invited for a Research Support Officer to work on a full-time/part-time basis on "Synthesis, crystal engineering and characterisation of pharma complexes" (PharmaTaxis), a project financed by the University of Malta through the Transdisciplinary Research and Knowledge Exchange Complex (TRAKE). The selected applicant will synthesise pharma complexes that are responsive to direct and indirect environmental stimuli. These complexes will form the basis of a new generation of smart carrier systems, designed to minimise side effects via direct targeting. The work will be carried out at the Department of Chemistry and at the new Crystal Engineering facilities at the Malta Life Science Park.
2. Applicants applying for the post must be in possession of a PhD/DPhil degree in one of the following areas: crystallography, solid state chemistry, crystal engineering or related disciplines, and must therefore have a strong background in X-ray diffraction. Applicants with post-doc experience in one of the above-mentioned areas will be preferred. Evidencing the ability to work both independently and as part of a team and communicate the results in a timely manner will be key to a successful application.

The University of Malta is an Equal Opportunity employer.

3. The post is for a period of 30 months and carries the following initial annual remuneration, depending on the experience of the candidate:
Research Support Officer III - €31,200 or €15 per hour
Research Support Officer IV - €41,600 or €20 per hour
4. Candidates must submit their letter of application, contact details of three referees, a copy of their curriculum vitae and a copy of their certificates by e-mail to projects.hrmd@um.edu.mt and should be received by not later than **27th November 2019**.

Late applications will not be considered.

5. Further information may be obtained by sending an email to liana.vella-zarb@um.edu.mt.

Office of the University,
Msida, 6th November 2019

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Further Information

1. The Research Support Officer will be responsible for the execution of a number of tasks related to PharmaTaxis, a project financed by the University of Malta, in which the Crystal Engineering group at the Department of Chemistry is the lead partner. This project seeks to address the issue of targeted drug delivery via the synthesis of smart carrier complexes, designed to deliver the pharmaceutical agent in response to external stimuli. The use of crystal engineering techniques will be complemented by availability of new state-of-the-art equipment recently commissioned at the Malta Life Science Park.
2. The main duties and responsibilities of the appointee will consist of carrying out Research and Project Management Assistant duties including:
 - a. working closely with the project partners;
 - b. synthesis and characterisation (XRD, Raman, XRM, DSC, TGA, etc) of new smart carrier complexes;
 - c. producing project deliverables within the time frames specified in the project description;
 - d. abiding by the conditions imposed by the project;
 - e. writing scientific conference or journal papers related to the project, and presenting them at relevant conferences;
 - f. assisting in dissemination activities related to the project;
 - g. performing any other project-related tasks as instructed by the project coordinator
3. The appointees are expected to work at such places and during such hours as may be determined by the University authorities.
4. The selection procedure will involve:
 - a. scrutiny of qualifications and experience claimed and supported by testimonials and/or certificates (copies to be included with the application);
 - b. short-listing; and
 - c. an interview and / or extended interview.

5. The post is for a period of 30 months, which will be subject to a probationary period and to the provisions of the Statutes, Regulations and Bye-Laws of the University of Malta which are now or which may hereafter be in force.

Office of the University,
Msida, 6th November 2019