

Research Scientist

Number of Posts: 2

Contract Type: Indefinite

Job description:

We are recruiting an R&D Scientist to join our team based in Malta. The role is a full time, permanent position. The primary function of this role is to assist in planning, organisation and execution of experimental studies, as per company's requirements. The Research Scientist will be responsible for the growing of stem cells and the testing of these cells to confirm/refute features of pluripotency and totipotency. Cells from different potential sources will be studied.

Common duties often revolve around synthesizing hypothesis, creating, and conducting experiments and analysing the results and working with other researchers to develop commercial end-products.

- Assist in the formulation, development, and optimization of new programs, designs, and prototypes.
- Participate in research formulating and writing with other staff
- Data curation and preparation of reports

Responsibilities:

- To prepare cells for testing being done by other colleagues, as well as for testing being done abroad.
- To confirm by means of alkaline phosphatase testing, flow cytometry, immunofluorescence staining, and tri-germ layer differentiation.
- To optimise the methodology of developing induced pluripotent stem cells.
- To record, prepare and curate generated data in a traceable manner for all experimental work, including experimental parameters, any deviations from protocols, end points and a summary of the results, particularly, flow cytometry.
- To process samples and analyse data for the team, *e.g.*, running samples for the flow cytometer, immunofluorescence and alkaline staining or RNA extraction for qPCR, *etc.*
- Implementation and optimisation of new SOPs in the laboratory.
- To assist technical staff in procurement tasks, such as notifying them regarding items that may be running out, and coordinating on the amount of reagents, media and buffers, *etc.* required for upcoming experiments in a timely manner.
- To remain up to date in current techniques and trends for generating induced pluripotent stem cells and their assessment by reading peer-reviewed scientific articles.

Requirements:

- Minimum of a BSc in relevant subject, Masters level is preferred.
- Good presentation and report writing skills, with experience in verification studies.

Training provided: Yes

Any assistance with accommodation/relocation: Not provided

Any other benefits: NA

Salary:

Can range from €24,000 to €34,000 depending on experience and relevant qualifications

How will the interviews be held: Online

To apply:

Candidates are required to send their curriculum vitae (CV), a cover letter and names and emails of two referees at eures.recruitment.jobsplus@gov.mt . CVs should be written in English. Please quote the vacancy name and number in your email.