

Cell Biologist (REF 2009 BIO CB1)

Location: Bologna (Italy)

JOB DESCRIPTION

Development and validation of experimental protocols involving sample preparation for rare-cells sorting with the company proprietary DEPArray™ technology; single-cell molecular analysis and data reporting; degree in biology or biotechnology or similar disciplines, with proven experience on blood and solid tissues processing; writing of technical documents (protocols, application notes, trouble shooting, etc.); work autonomously and in team in a collaborative and multidisciplinary, fast-paced, highly technical environment and in collaboration with international partners, prioritize and manage complex and competing projects.

DUTIES AND RESPONSIBILITIES

- Design and perform scientific experiments for sample preparation protocol standardization on a variety of biological tissues (blood, cell cultures, fine needle aspirate, FFPE tissues, biopsies)
- Develop immunofluorescence staining procedure and conduct validation experiment for target cells identification.
- Carry out molecular analysis of isolated cells (DNA/RNA).
- Cell lines storage and maintenance; contribution to the equipment and the management of R&D lab.
- Drafting and verification of SOPs, protocols and reports within a quality management system.

BASIC QUALIFICATIONS

- Degree in Biological Science
- High skills and practical experience in flow cytometry, fluorescence microscopy techniques and immunofluorescence protocol set-up.
- Good knowledge and technical experience in RNA/DNA analysis
- MS Office
- Good English knowledge (written and spoken)
- Main required lab techniques: immunofluorescence, cell culture, microscopy, PCR, sequencing

PREFERRED QUALIFICATIONS

- Experience in research in oncology
- General knowledge of the state of the art in oncology research

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