

## Head of R&D

MiMARK is an In Vitro Diagnostic (IVD) spin off company from Vall Hebron Research Institute (VHIR) created in 2021 and focused on improving Women's Health. We specialize in the development and validation of clinically impactful biomarkers in gynecological fluids to provide innovative diagnostics across gynecology indications. In MiMARK we envision these fluids as the next liquid biopsy in the gynecological arena to provide easy to access and reliable diagnostics.

Our first product, WomEC, is an IVD immunoassay-based technology that includes biomarkers and algorithms for a high-efficiency diagnosis of endometrial cancer. Our company is growing in portfolio, including development of an IVD for Endometriosis diagnosis.

### We are looking for you!

MiMARK is seeking **Head of R&D** to join our team and help with the day-to-day operations that keep our work flowing smoothly.

We are seeking a motivated, results-driven, and autonomous professional to lead and contribute to technical and scientific projects in the field of in vitro diagnostics (IVD), with a focus on immunoassay development and preanalytical optimization. This is a unique opportunity to play a pivotal role in a fast-growing start-up of diagnostics, shaping the scientific strategy and driving product development in a highly dynamic and collaborative environment.

You will work alongside a multidisciplinary team that embraces diverse perspectives and recognizes that every contribution matters.

### Responsibilities

As head of R&D, you will support MiMARK's operations by undertaking the following tasks:

#### Assay Development & Biomarker Discovery

- Lead assay development activities, particularly immunoassays, from concept through feasibility, optimization, verification, and validation stages in accordance with IVD regulatory standards.
- Guide the selection of appropriate analytical methods and ensure rigorous experimental design and protocol definition.
- Analyze, interpret, and compile experimental data; perform statistical analyses and promote collaborative scientific discussion within the team.
- Lead project planning, reporting, and scientific publications, contributing to the visibility and impact of internal research and development efforts. Set priorities and timelines for laboratory activities, ensuring effective task execution within project milestones.
- Lead biomarker discovery pipeline aligned with company goals. Contributes to the identification and validation of biomarkers, using omics data, particularly proteomics.
- Stay current with emerging technologies and trends in biomarker research, diagnostics, and assay platforms to foster innovation and maintain technical excellence.
- Stay current with gynecological disease and trends in gynecological diagnostics, and new developments in the field. Apply a resolute, hands-on approach to troubleshooting technical issues and deviations; proactively adapt experimental protocols and strategies to overcome challenges.

#### Quality & Regulatory Compliance

- Draft and maintain quality documentation including development and validation protocols, reports, risk assessments, and technical files in alignment with ISO 13485 and other regulatory requirements.
- Support internal and external audits by preparing documentation and explaining scientific and technical decisions.

#### Project Management & Communication

- Design, plan, and supervise laboratory experiments to optimize assay performance and robustness, including sample handling, reagent stability, and analytical parameters.
- Present project updates, technical findings, and data interpretations in internal meetings and cross-functional project reviews.

#### Cross-functional Collaboration & Technology Transfer

- Collaborate closely with cross-functional teams (e.g., R&D, Regulatory, QA, Manufacturing) to support the transition of assays from development to production.
- Coordinate outsourced activities with critical suppliers (e.g. supplier selection, contracting, QA agreements, Project execution, control project deliverables, etc.)

### Team Leadership & Mentorship

- Guide, train, and supervise assigned team members in laboratory procedures and experimental tasks, ensuring adherence to protocols, quality standards, and project timelines, while also fostering open communication and providing support to navigate challenges and maintain a positive, collaborative team environment.

### Requirements

We are looking for a candidate with the following qualifications, skills, and qualities:

- PhD in related field, biochemistry, biomedicine, etc.
- Strong background in In Vitro Diagnostics development, preferably in Immunoassay or clinical diagnostics.
- Strong background in biomarker research, preferably using proteomics and protein-based technologies
- Demonstrated ability to work in a regulated environment (e.g., ISO 13485, FDA, IVDR).
- Demonstrated team management expertise.
- Proactive, analytical, and solution-oriented mindset.
- Genuine interest in the scientific foundation and rationale behind projects.
- Excellent team player with strong communication and organizational skills.

### Benefits

We would like you to profit from joining a team of talented people that share the passion to develop minimally invasive diagnostics based on gynecological fluids to improve women's health. We would like to offer you a competitive compensation package:

- Full-time job.
- Incorporation expected in October 2025.
- Salary adjusted to the curricula of the candidate.
- Great location in Barcelona.

17<sup>th</sup> July 2025

- Teleworking and flexibility, since we aim to balance the reconciliation of work and personal life with work responsibilities.
- Entrepreneurial environment and great team!

### Selection process

The selection process will consist of a merit-based procedure in alignment with the Open and Transparent recruitment system of the European Commission. In brief, we will first check the eligibility criteria based on the candidate's CV and by considering the requirements described in this job offer. Those who pass this check will be interviewed. The selected candidate will be officially invited to join MiMARK's team.

If you are **passionate** in joining us,

Apply to the following [link](#).

We look forward to receiving your application **before 31<sup>st</sup> August 2025**.