

Candidate ID: 48372

Title: Molecular Biologist with Expertise in IVF and Clinical Diagnostics

Location: Gothenburg, Sweden

Summary

Molecular biologist with extensive experience in IVF, clinical cancer diagnostics, NGS, and molecular and microbiological diagnostics. Dedicated, analytical, and results-oriented, with seven years of experience working in both clinical and laboratory environments. Expertise in data analysis and a passion for using biotechnology to achieve reliable results.

Employment History

Molecular Biologist

Clinical Genetics, Major Healthcare Institution, Greater Gothenburg Area, Sweden

- Manual extraction of DNA and RNA from various clinical samples including tumor tissue, plasma, and cytological material.
- NGS panel sequencing to identify gene alterations and rare cancer-related mutations.
- Conducted bioinformatic analysis including QC, variant identification, and interpretation of diagnostic results.

Embryologist

Reproductive Medicine Department, Major Healthcare Institution, Greater Gothenburg Area, Sweden

- Performed semen analyses, sperm preparation, cryopreservation, and embryo evaluation.
- Compiled reports on national IVF success rates and coordinated with IT teams for laboratory optimization.

Lab Assistant

Clinical Microbiology Department, Major Regional Healthcare Facility, Greater Lund Area, Sweden

- Evaluated diagnostic results for technical quality across various clinical areas, including gastroenteritis and respiratory viruses.
- Managed result registration, deviation management, and biobanking.

Lab Assistant

Commercial Laboratory, Greater Malmö Area, Sweden

- Registered and analyzed food and environmental samples.
- Conducted traditional cultivation methods and qPCR for microorganism identification.

Customer Service

Analytical Services Company, Greater Malmö Area, Sweden

- Assisted customers with queries regarding analysis results via email and telephone.
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Education

Master's Degree in Genomics and Systems Biology

Major University, Greater Gothenburg Area, Sweden

- Developed a Python script to detect antibiotic resistance in validated bacterial samples using bioinformatics tools.

Bachelor's Degree in Cell and Molecular Biology

Major Academic Institution, Greater Kristianstad Area, Sweden

- Investigated the effects of pH changes on the virulence of bacterial strains.
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Certifications

- Introduction to Reproductive Medicine
 - Basic Sperm Preparation Techniques
 - Python for Data Science, AI & Development
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Skills

- IVF procedures, cryopreservation, embryo evaluation, DNA/RNA extraction, NGS sequencing, quality control
- IT skills: Python, R-Studio, BASH, Sequence processing, LIMS, Microsoft Office

Languages

- Swedish (Native)
- English (Advanced)
- Danish (Basic)
- Norwegian (Basic)
- Spanish (Beginner)

Volunteer Work

Children's Rights Organization

- Engaged in activities focused on supporting children's well-being, especially those in vulnerable situations.

Mentorship Program for Refugee Youth

- Guided and supported refugee students aged 16-23 in their educational pursuits.

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