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# Example of Scientist, Molecular Biology Job Description

Our company is searching for experienced candidates for the position of scientist, molecular biology. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for scientist, molecular biology

* Working on flow cytometry analysis- multiplexed immunophenotyping, principles of compensation and gating strategies
* Design, plan and execute strain construction strategies
* Be a key member of a team that is focused on strain development through classical and rational strain modification, encompassing a broad array of microbial hosts, such as filamentous fungi, yeast and bacteria
* Organize and perform high-throughput screening and performance testing of newly developed strains
* Active role in shaping projects and opportunities together with our business partners and translate project goals
* Keep knowledge of novel technologies in strain development up-to-date
* Take an active and leading role in designing experiments and testing hypotheses, and actively shape your projects involving innovation and project management, IP and regulatory affairs
* Efficiently and carefully plan, prepare, and execute wet lab experiments per the goals and requirements of the project team and supervisor
* Troubleshoot wet lab problems and provide ideas for workflow improvement
* Interpret and discuss data with supervisor, and report results in both written and oral format

## Qualifications for scientist, molecular biology

* Experience in affinity maturation of antibodies or other proteins is a plus
* Experience from a biotech/pharmaceutical R&D setting is a plus
* The ability to balance multiple priorities and timelines is expected
* Must be a team player with pro-active behavior
* Experiences with RNAi and/or CRSPr technology , real-time PCR and lab automation technologies will be a plus
* Familiarity with flow cytometry and/or sorting is preferred