# Job Description

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Cell Culture Scientist</th>
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</thead>
<tbody>
<tr>
<td>Department:</td>
<td>Cell Biology</td>
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<tr>
<td>Location:</td>
<td>Madison, WI</td>
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<tr>
<td>Reports To:</td>
<td>Principal Scientist, Cell Biology</td>
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<tr>
<td>FLSA Status:</td>
<td>Exempt</td>
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<tr>
<td>Entities Served</td>
<td>Stemina Biomarker Discovery</td>
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<tr>
<td>Direct Reports:</td>
<td>N/A</td>
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## Company Description
Stemina Biomarker Discovery’s pioneering cell based assays arise from the strategic convergence of two groundbreaking technologies: human pluripotent stem (hPS) cells and metabolomics. Metabolomics, using liquid chromatography-mass spectrometry methods, broadly measures small molecules that can be discovered and used as biomarkers. Stemina uses these technologies in a proprietary manner to assess aspects of toxicology as well as uncover diagnostic biomarkers of disease. Stemina currently provides assays to assess the ability of compounds to elicit a cellular response predictive of developmental toxicity and provides the assay for customers interested in drug discovery, chemical development, and environmental research. In addition, Stemina uses mass spectrometry based metabolomics to identify biomarkers to identify diagnostic biomarkers and is currently investigating biomarkers of autism.

## Job Purpose
The Cell Culture Scientist will culture, feed and maintain human pluripotent stem cells and be involved in the design and running of experiments as part of our client activities as well as the research and development of new assays. In addition, the role includes various activities to maintain the laboratory in good working order.

## Essential Job Duties and Responsibilities
- Thaw, expand and maintain human pluripotent stem cell lines for use in Stemina’s business operations.
- Oversee identification, acquisition, installation, setup and maintenance of laboratory equipment.
- Sterilize glassware, order supplies and maintain the order and cleanliness of the lab.
- Demonstrate good technical judgment in troubleshooting and identifying process improvement opportunities and techniques.
- Ensure all biological laboratory documents are completed within specified timelines. Generate and accurately report clear and concise technical information and documentation.
- Abide by safety guidelines, facility use guidelines, standard operating procedures, and other relevant regulatory requirements.
- Participate in planning and execution of laboratory experiments at staff and lab meetings.
- Perform work according to standard operating procedures (SOPs), departmental policies, to Good Laboratory Practices (GLP) regulations as required by the Food and Drug Administration (FDA).

## Qualifications:
To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.
Education and Experience:
- Bachelor’s degree in a biological science.
- 1 or more years of experience working in a biology-related research lab, including ordering supplies, maintaining equipment, overseeing lab safety/bio-safety, and recordkeeping.
- Minimum of 2 years experience in cell culture, preferably hES or iPS cell culture.

Knowledge, Skills and Abilities Required:
- Strong oral and written communication skills
- Excellent interpersonal skills
- Excellent attention to detail
- Understanding of aseptic technique
- Familiarity with cell-based assays
- Ability to maintain high level of confidentiality
- Ability to effectively communicate with all levels of the organization
- Ability to work with others in a large scale laboratory setting
- Ability to maintain experimental consistency
- Ability to manage multiple priorities and adjust rapidly to changing environments
- Ability to maintain clean, sterile, and well-organized environment
- Have flexibility of schedule
- Possess a high degree of personal responsibility
- Have computer proficiency, experienced with developing and presenting data in spreadsheets and word processing (MS Excel and Word)