



CENTRO DE
INVESTIGACIÓN
E INNOVACIÓN



CONCHA Y TORO
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INTANGIBLE BUSINESS

DESCRIPCIÓN DE CARGO - VIÑA CONCHA Y TORO

Job Name	: Molecular Biology Assistant
Management	: CRI Operations Assitant Manager
Department/Area	: CRI, Pencahue, Talca, Chile
Workplace	: Molecular Biology Laboratory CRI, Pencahue, VII Región

GENERAL OBJECTIVE OF THE JOB

Mounting and execute analysis by validated methodologies and within the norms established for the Molecular Biology Laboratory of CRI. Responsible for the quality of its results.

RESPONSIBILITIES

- Make quotations of the laboratory supplies in the national suppliers and transfer the information to its headquarters to manage its purchase;
- Maintain a stock of reagents and laboratory supplies and when necessary to manage their purchase with their headquarters;
- Managing the entry and exit of laboratory supplies and detailing them through the "laboratory input" and inventories logbook (solid and liquid chemical reagents, plastic material, reagents at -20 ° C, -80 ° C and Other similar);
- Maintenance of commonly used solutions and reagents;
- Maintain the organization and cleaning of laboratory materials and supplies;
- Manage, control and verify the operation, calibration, cleaning and maintenance of equipment in the laboratory of Molecular Biology and ensure its correct use;
- Control of preventive maintenance and repairs of equipment in the laboratory of Molecular Biology;
- Record in detail in the "Laboratory Notebook" all activities performed daily in the laboratory of Molecular Biology;
- Establish new protocols or set up existing laboratory protocols where required or necessary. The protocols will be stored in the "Protocol Folder";
- Perform molecular biology activities consensual with the researcher in Molecular Biology (RNA, DNA), quantitative and semi-quantitative qPCR, PCR, RT-PCR, etc.);
- Perform Microbiology activities (culture, isolation and morphological and / or molecular identification);
- Perform virology activities (ELISA, quantitative qPCR)
- Performing plant sanitation activities on vines (thermotherapy, cultivation of meristems, etc.)
- Perform activities of in vitro cultivation of plants, for vine and / or model specimens such as Arabidopsis, "MicroTom" tomato, as well as their maintenance in optimum phytosanitary and morpho-physiological status in the growing chamber.
- Participate in research activities related to the technical specialty, collaborating with other professionals (postdoctoral researchers, undergraduate theses, students in practice) in the investigations that are carried out;
- Write technical reports of the activities when the sea requested by the headquarters.
- Perform other similar tasks as entrusts its management, such as field sampling and vineyards of the company in the length of the country.

CRITICAL SKILL

Biologist, biochemist, biotechnologist or similar, with vast experience in molecular techniques.

DESIRABLE SKILLS

Experience and / or specialization in plant phytopathology, Trunk diseases in grapevines (within the career or in the development of his thesis).



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SPECIFIC SKILLS AND TECHNICAL KNOWLEDGE

- English (desirable).
- Softwares: Excel (advanced), statistical (advanced).
- Knowledge in techniques of cultivation and propagation of plants in vitro.
- Management of software and bioinformatic web pages for the analysis of gene sequences, design of primers, etc.
- Knowledge of detection technologies in molecular biology (PCR, qPCR, ELISA, RT-PCR).

PREVIOUS EXPERIENCE

Previous work / years:	Analist – Laboratory assistant / At least 2 year of academic or profesional experience.
Key experience / Areas	Experience in qPCR, ELISA, Molecular Biology, culture of microorganisms.
Industry:	Biotechnology, agricultura (viticulture), research and development.

PERSONAL SKILLS

PERSONAL SKILLS	CONTRAINDICATIONS / INCOMPATIBILITIES
<ul style="list-style-type: none">• Methodical• Responsable• Independent• Work under pressure• Teamwork• Good level of communication• Proactive and dynamic in finding solutions and solving problems	<ul style="list-style-type: none">• Disorderly / Little methodical• Low stringency• Insecurity• Introversion

DATES AND TERMS

RESUME RECEPTION	12:00 PM April, Friday the 14th. 2017
Interviews	April, Monday the 24th to Friday the 28th, 2017.
Job start	May, Monday the 15th, 2017 (subject to modification)
CV's Send to	felipe.gainza@conchaytoro.cl