



## UNION JOB DESCRIPTION

JD637

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| <b>JOB TITLE:</b>            | Cytogenetics Technologist                                            | <b>JOB DESCRIPTION NO.:</b>        | 60411   |
| <b>CLASSIFICATION:</b>       | Cytotechnologist P2A                                                 | <b>GRID/PAY LEVEL:</b>             | H-D-P2A |
| <b>COLLECTIVE AGREEMENT:</b> | Health Science Professionals                                         | <b>HSCIS NO.:</b>                  | 35702   |
| <b>UNION:</b>                | HSA                                                                  | <b>JOB/CLASS CODE:</b>             | 35702   |
| <b>PROGRAM/DEPARTMENT:</b>   | Laboratory Medicine, Cytogenetics and Molecular Diagnostics          | <b>BENCHMARKS (If Applicable):</b> |         |
| <b>REPORTING TO:</b>         | Unit Supervisor, Cytogenetics and Molecular Diagnostics or designate |                                    |         |
| <b>FACILITY/SITE:</b>        | VIHA-SI (VGH)                                                        |                                    |         |

### JOB SUMMARY:

In accordance with the Vision, Purpose, and Values, and strategic direction of the Vancouver Island Health Authority, patient safety is a priority and a responsibility shared by everyone at VIHA; as such, the requirement to continuously improve quality and safety is inherent in all aspects of this position.

Reports to the Unit Supervisor, Cytogenetics and Molecular Diagnostics or designate. Under the direction of the Unit Supervisor and Cytogeneticist, conducts a variety of diagnostic tests to obtain data for use in diagnosis and treatment of Cytogenetic conditions.

### TYPICAL DUTIES AND RESPONSIBILITIES:

1. Conducts a variety of diagnostic tests including chemical, microscopic, immunologic, physiological and bacteriological tests to obtain data for use in the diagnosis and treatment of cytogenetic conditions.
2. Performs tissue culturing and harvesting procedures on various tissues and body fluids such as blood, amniotic fluids and bone marrows.
3. Analyzes chromosomes under the microscope.
4. Prepares karyotypes by computer or photography for examination by the Cytogeneticist.
5. Conducts various staining techniques for further identification of chromosomes including NOR-, G-, C- and Q - banding.
6. Receives specimens from within the hospital and from external sources. Review labels and test requisitions to ensure that information is accurate and complete.
7. Monitors supplies in the cytogenetics area of the Laboratory. Requisitions supplies from stores as required and informs Unit Coordinator as non-stores items are needed.
8. Prepares samples for shipment to other laboratories.
9. Records statistical information and reports statistics as required to the Unit Coordinator.
10. Monitors and troubleshoots related equipment such as the microscopes, incubators and computerized karyotyping system. Reports equipment problems to Unit Coordinator.
11. Performs other related duties as assigned.

## **QUALIFICATIONS:**

### **Education, Training And Experience**

Current Clinical Genetics or Cytogenetics Technologist certification with the Canadian Society of Medical Laboratory Science (CSMLS). Bachelor of Science in a related discipline and one (1) year recent related cytogenetic experience, or an equivalent combination of education, training and experience.

### **Skills And Abilities**

- Demonstrated ability to manage workload and establish clinical priorities according to the changing needs of the hospital.
- Ability to communicate effectively, both verbally and in writing.
- Ability to deal effectively with others including co-workers, hospital and medical staff, and patients.
- Knowledge of high-resolution microscopic analysis, photomicroscopy and other relevant equipment and procedures pertaining to cytogenetics.
- Physical ability to carry out the duties of the position.