

Hematological Cancer Samples Available

Adult Program · Quebec Leukemia Cell Bank (BCLQ) · Updated October 2026

Please contact François Béliveau at bclq@ssss.gouv.qc.ca for availability of samples based on criteria for your research project.

Acute leukaemias of ambiguous lineage

- Acute bilineage leukaemia
- Acute undifferentiated leukaemia
- Mixed phenotype acute leukaemia, B/myeloid, NOS
- Mixed phenotype acute leukaemia, T/myeloid, NOS
- Mixed phenotype acute leukaemia with t(9;22)(q34;q11.2); BCR-ABL1

Acute myeloid leukaemia (AML) and related precursor neoplasms

- Acute myeloid leukaemia, NOS
- AML with minimal differentiation (M0)
- AML without maturation (M1)
- AML with maturation (M2)
- Acute myelomonocytic leukaemia (M4)
- Acute monoblastic and monocytic leukaemia (M5)
- Acute erythroid leukaemia (M6)
- Acute megakaryoblastic leukaemia (M7)
- AML with recurrent genetic abnormalities
- Acute basophilic leukaemia
- AML with myelodysplasia-related changes
- Therapy-related myeloid neoplasms

Myelodysplastic syndromes (MDS)

- Myelodysplastic syndrome, unclassifiable
- Refractory anaemia
- Refractory anaemia with excess blasts
- Refractory anaemia with ring sideroblasts
- Refractory cytopenia with multilineage dysplasia
- t-MDS – therapy-related myeloid neoplasms

Mature B-cell neoplasms

- B-cell prolymphocytic leukaemia
- Burkitt lymphoma
- Chronic lymphocytic leukaemia/small lymphocytic lymphoma
- Diffuse large B-cell lymphoma (DLBCL), NOS
- Follicular lymphoma
- Hairy cell leukaemia
- Lymphoplasmacytic lymphoma
- Mantle cell lymphoma
- Not classifiable by WHO 2008 criteria
- Plasma cell leukaemia
- Splenic B-cell lymphoma/leukaemia, unclassifiable
- Splenic marginal zone lymphoma

Myeloid and lymphoid neoplasms with eosinophilia and abnormalities of PDGFRA, PDGFRB or FGFR1

- Myeloid and lymphoid neoplasms with PDGFRA rearrangement
- Myeloid neoplasms with PDGFRB rearrangement

Multiple myeloma

- Multiple myeloma

Myelodysplastic/myeloproliferative neoplasms

- Chronic myelomonocytic leukaemia
- Myeloproliferative neoplasm, unclassifiable

Mature T-cell and NK-cell neoplasms

- Adult T-cell leukaemia/lymphoma
- Extranodal NK/T-cell lymphoma, nasal type
- Hepatosplenic T-cell lymphoma
- Peripheral T-cell lymphoma, NOS
- Sézary syndrome
- T-cell large granular lymphocytic leukaemia
- T-cell prolymphocytic leukaemia

Myeloproliferative neoplasms

- Chronic eosinophilic leukaemia, NOS
- Chronic myelogenous leukaemia, BCR-ABL1 positive
- Chronic neutrophilic leukaemia
- Essential thrombocythaemia
- Myeloproliferative neoplasm, unclassifiable
- Primary myelofibrosis

B lymphoblastic leukaemia/lymphoma

- B lymphoblastic leukaemia/lymphoma with t(9;22)(q34;q11.2); BCR-ABL1
- B lymphoblastic leukaemia/lymphoma with t(v;11q23), MLL rearranged
- B lymphoblastic leukaemia/lymphoma, NOS

T lymphoblastic leukaemia/lymphoma

- T lymphoblastic leukaemia/lymphoma