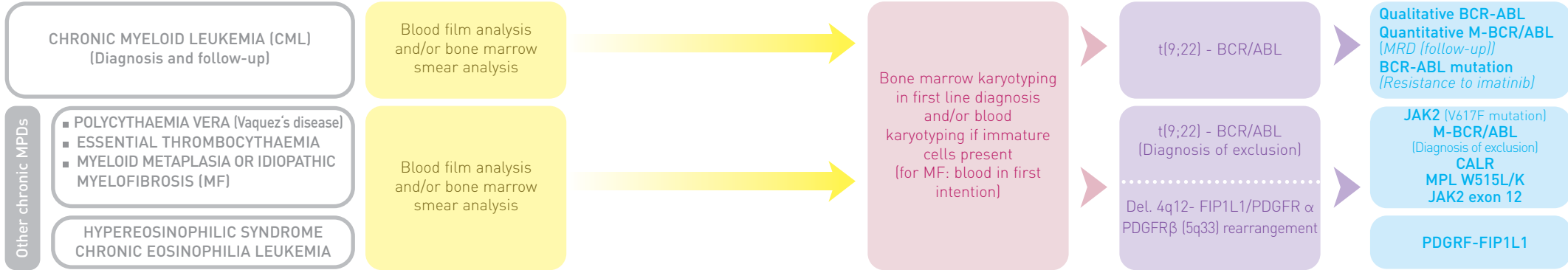


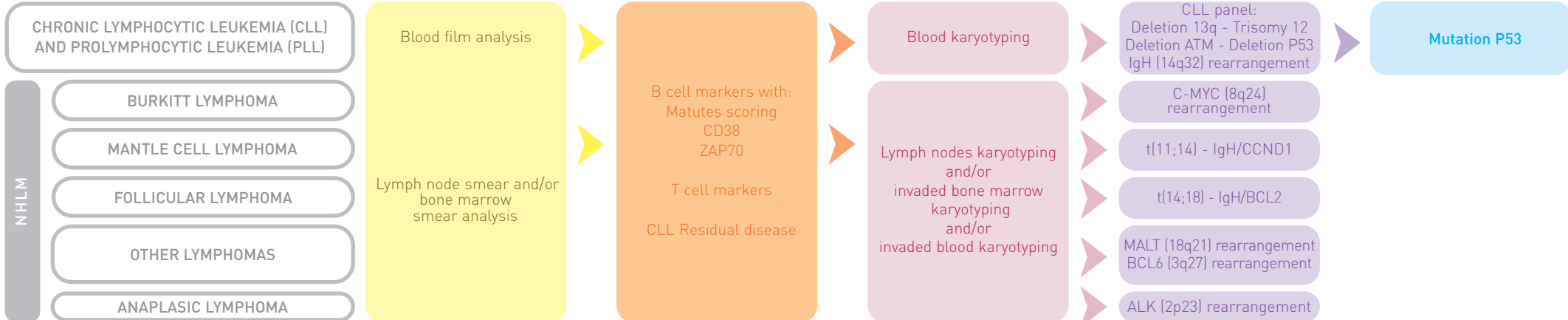
CHRONIC MYELOPROLIFERATIVE DISORDERS (MPDs)



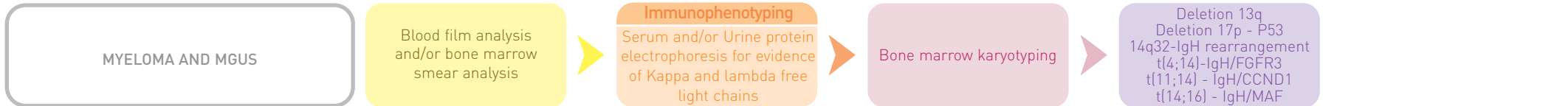
MYELODYSPLASIC SYNDROMES (MDS/MPD)



CHRONIC LYMPHOPROLIFERATIVE DISORDERS (LPDS) AND NON-HODGKIN'S LYMPHOMAS (NHL)



MYELOMAS AND MGUS



Sample requirements and turn around times (TAT):

Sample must reach laboratory within 48 hours

Cytology / Cytochemistry

- Blood
- Bone marrow
- Lymph nodes
- Number of slides unfixed and unstained: 1 for blood, 4 for bone marrow
- Results of FBC
- TAT: 48hrs

Immunophenotyping / Immunochemical assay

- Blood: 1 EDTA/Heparin tube
- Bone marrow: 2 to 4ml in EDTA/Heparin
- Lymph nodes: vial with sterile culture medium
- Room temperature
- DO NOT FREEZE!
- Results of FBC
- TAT: 48-72hrs

Conventional Cytogenetics: Haematological karyotyping

- Blood (5ml): 1 lithium heparin tube
- Bone marrow (2ml to 5ml): 1 heparin syringe or medullary puncture transferred to 1 lithium heparin tube
- Lymph nodes: vial with sterile culture medium
- Biological fluid
- DO NOT FREEZE!
- Room temperature
- Do not centrifuge
- Results of FBC, cytology and bone marrow analysis
- TAT: 10 days

Molecular cytogenetics: Fluorescent *In situ* Hybridization (FISH)

- Blood (5ml): 1 lithium heparin tube
- Bone marrow (2ml to 5ml): 1 heparin syringe or medullary puncture transferred to 1 lithium heparin tube
- Lymph nodes: vial with sterile culture medium
- DO NOT FREEZE!
- Room temperature
- Do not centrifuge
- Fluorescence *in situ* Hybridization is also available on:
 - unstained slides (blood film or bone marrow smear)
 - paraffin embedded lymph nodes or tumoral tissue (formalin or AFA - not bouin)
- TAT: 10 days

Molecular Biology

- **QUALITATIVE BCR-ABL**
 - Whole blood: 2 EDTA tubes
 - Bone marrow transferred to 1 EDTA tube
 - Room temperature
 - Do not centrifuge
 - TAT : 10 days
- **QUANTITATIVE M-BCR-ABL (MRD) :**
 - Whole blood: 1 PaxGen tube (available upon request)
 - PaxGen tube : FREEZE at -20 °C
 - Do not centrifuge
 - TAT : 10 days
- **BCR-ABL mutation**
 - Whole blood: 2 EDTA tubes
 - Bone marrow transferred to 1 EDTA tube
 - Room temperature
 - Do not centrifuge
 - TAT : 10 days
- **JAK2**
 - Whole blood: 2 EDTA tubes
 - Room temperature
 - Do not centrifuge
 - TAT : 10 days

Additional testing

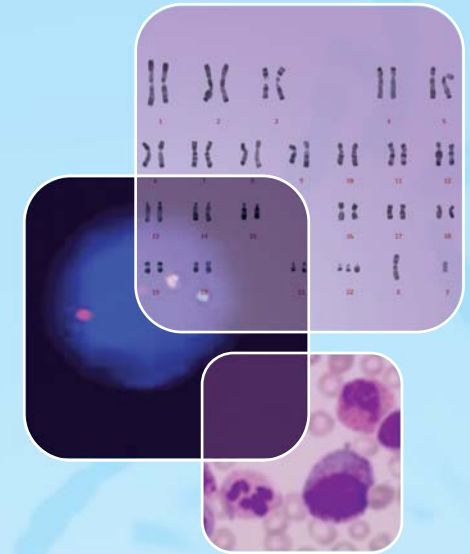
- Plasma IMATINIB (GLIVEC®) assay

Contacts

- **Biomnis**
International Division
17/19 av. Tony Garnier
BP 7322
69357 LYON Cedex 07
FRANCE
Tel.: (+33) 4 72 80 57 42
Fax: (+33) 4 72 80 73 56
E-mail: international@biomnis.com

Biomnis
www.biomnis.com/international

Focus on...



Pathological diagnosis and monitoring of patients with chronic hematological malignancies

- Chronic MPD and MDS
- Chronic LPD
- Myeloma

DS2-INT08 - JANUARY 2015