**General Informations**
- Most common intraocular malignancy
- 500-600 new cases
- Institut Curie: largest French center for recruitment and treatment

**Biological Aspects**
- 4-5% of all melanomas
- Derived from neural crest produced melanocytes
- Comparison with skin melanoma:
  - ≠ clinical behaviour
  - ≠ molecular biology

**Clinical Aspects**
- No effective adjuvant treatment
- Median time metastasis occurrence: 3 years
- Median survival time: 6 months

**Aim of the study:**
Find molecular markers associated with metastasis development

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MATERIAL & METHODS

Patients cohort

Enucleated between 1995/11/06 and 2004/02/18
Follow-up 24 months
Clinical description validated

RESULTS

PTP4A3

• Localized on 8q24.3
• Contains a tyrosine-protein phosphatase domain
• Implicated in cell invasion and in proliferation
• In vitro and in vivo validation

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