

# New Medical Innovations

**Oncology advancements**

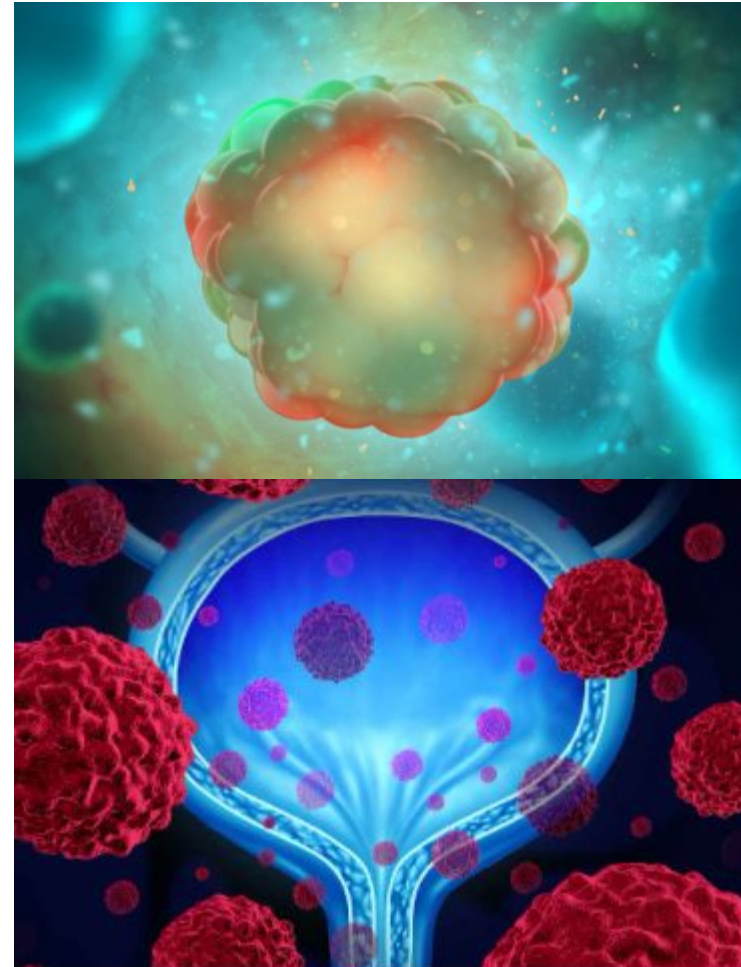
# **Biomarker Testing for Cancer Treatment**

Biomarker testing is a way to look for genes, proteins, and other substances that can provide information about cancer.

# About Biomarker

[Nicolas Goossens](#),<sup>1,2</sup> [Shigeki Nakagawa](#),<sup>1</sup> [Xiaochen Sun](#),<sup>1</sup> and [Yujin Hoshida](#)<sup>1</sup>

- **What is biomarker testing for cancer treatment?**
- Biomarker testing is for people who have cancer. Biomarker testing may help you and your doctor choose a cancer treatment for you.
- Biomarker testing for cancer treatment may also be called:
  - tumor testing
  - tumor genetic testing
  - genomic testing or genomic profiling
  - molecular testing or molecular profiling
  - somatic testing
  - tumor subtyping
  -



**How are biomarker tests used to select cancer treatment?**  
Biomarker tests can help you and your doctor select a cancer treatment for you. Some cancer treatments like [targeted therapies](#) and [immunotherapies](#) may only work for people whose cancers have certain biomarkers.



# HOW YOU WOULD MODIFY biomarker testing for cancer pdf

- For example, Myc gene amplification status predicts outcome for childhood neuroblastoma. The quantity of Bcr-Abl transcript predicts risk of disease recurrence in chronic myelogenous leukemia (CML) long before clinical symptoms recur. As these examples suggest, it will be important to develop informative biomarkers for virtually all cancer subtypes.

## Advantages and Benefits

Biomarkers used in risk prediction, in screening, and as diagnostic tests are well established, and they offer distinct an

The classification of many neurological diseases is based on either standardized clinical criteria or histological diagnoses obvious advantages.



## Conclusion

Talk with your health care provider to discuss whether biomarker testing for cancer treatment should be part of your care. Doctors usually suggest genomic biomarker testing for people with cancer that has spread or come back after treatment.

