

# BioSpect

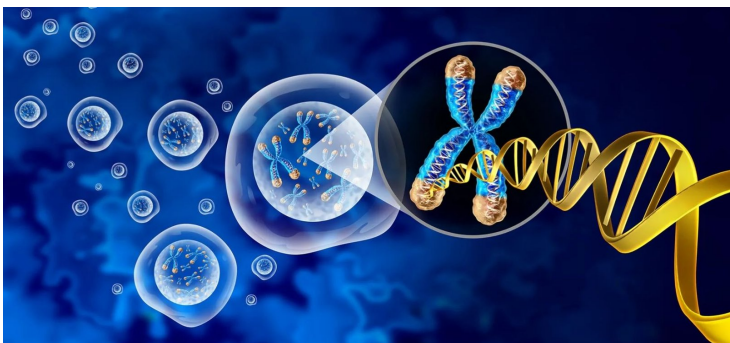
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**Neuberg launches advanced Cytogenetics (FISH + Karyotyping) in Mumbai for cancer & prenatal diagnosis**

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**Enables identification of chromosomal abnormalities (translocations, deletions, insertions) that materially impact diagnosis**



Neuberg Sehgal Path Lab, a leading name in diagnostic services, has announced the launch of cutting-edge cytogenetics testing technology at its facilities in Mumbai.

This advanced diagnostic tool is poised to revolutionise the approach to both cancer diagnostics and prenatal testing, offering a higher level of precision and personalisation for patients.

Cytogenetics, a specialised field that focuses on studying genetic material within cells, is now available at Neuberg Sehgal Path Lab, utilising two powerful techniques: Fluorescent In-Situ Hybridisation (FISH) and Conventional Karyotyping. This technology enables the precise identification of chromosomal abnormalities, including translocations, deletions, and insertions—key indicators of various genetic disorders and cancer types.

A rare offering by standalone labs in India, Cytogenetics is primarily conducted in large, standardised labs such as Tata Medical Center in Kolkata, Tata Memorial in Mumbai, CMC Vellore, and SGPGI in Lucknow. genetic abnormalities.

Cytogenetics offers highly accurate detection of chromosomal abnormalities, aiding in the diagnosis of conditions such as Down syndrome during prenatal testing, as well as a variety of cancers, including acute promyelocytic leukaemia (APML) and Burkitt's lymphoma.

The cost of cytogenetic testing is relatively affordable compared to high-end molecular genetics, offering significant value for both prenatal and cancer diagnostics.