WHAT IS PRO-TUMOR INFLAMMATION (PTI)?

PTI refers to a type of unregulated inflammation\textsuperscript{1,2}

PTI may have many downstream consequences, such as facilitating tumor growth, tumor survival, and the development of metastasis in certain cancers.\textsuperscript{1-4}

Potential role in non-small cell lung cancer (NSCLC)\textsuperscript{5}

Preliminary studies have shown that PTI helps alter the microenvironment that enables tumor cell proliferation in many different types of cancer, such as NSCLC.\textsuperscript{1,2,5}

ROLE OF INTERLEUKIN-1 BETA (IL-1\textbeta)

IL-1\textbeta is believed to promote PTI by activating tumor processes and recruiting immunosuppressive cells\textsuperscript{7,9}

According to preliminary evidence, IL-1\textbeta expression can be elevated in patients with NSCLC and may correlate with poor prognosis.\textsuperscript{5,10,11}

Novartis is proud to be the leader in PTI research. Scan the QR code or visit protumorinflammation.com for more information on PTI and its role in cancer.