Emerging Techniques in Identifying Neglected Infections

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Description

In the field of clinical and experimental pathology, the perpetual search to understand and cure infectious diseases has long been a driving force for scientific exploration. These overlooked pathogens, often termed "forgotten pathogens," represent a significant challenge to global public health due to their subtlety and their propensity to cause chronic, debilitating conditions. However, recent advances in diagnostic technologies have revitalized the endeavor of these pathogens, offering regained hope in our efforts to identify and mitigate their impact.

Neglected infections, frequently caused by a diverse array of parasites and bacteria, have historically received little attention due to a combination of factors including limited resources, inadequate diagnostics, and the geographic isolation of affected populations. As a result, these infections often remains silently, causing a considerable burden of disease in marginalized communities and even contributing to a cycle of poverty and reduced economic productivity.

The field of infectious disease diagnostics has undergone a