



What do pathologists do?

PREVENT
DIAGNOSE
TREAT

Clinical Biochemists

THE BIOCHEMICAL BASIS OF DISEASE

What we do: we test body fluids such as blood and urine to measure the levels of chemicals such as glucose, to treat people with diabetes, for example.

• Pathology is involved in almost all hospital diagnoses

• 900 million tests each year in the UK

Haematologists

DISORDERS OF THE BLOOD

What we do: we study blood and bone marrow samples to diagnose conditions such as anaemia and leukaemia.



"Many people don't know the extent to which other specialities within medicine rely on haematologists for advice!"

Dr Joel Newman, Haematologist

Histopathologists

DISEASE IN HUMAN TISSUE

What we do: we examine tissue samples under the microscope to diagnose diseases such as cancer.

• The majority of tests requested by your doctor will be performed and interpreted by a pathologist or scientist

• 300,000 patients have a pathology test each working day



Medical Microbiologists

INFECTION

What we do: we work with scientists in the laboratory to discover what's causing an infection. It might be a bacterium (e.g. MRSA), a fungus (e.g. thrush) or a virus (e.g. influenza). Once we know, we can advise how to treat it.

Dr Oleg Tkachenko and Dr Fiona Cooke, Medical Microbiologists