

# Cellular Pathology

Cellular pathology is vital in those parts of medicine where a specimen of tissue or a sample of tissue cells are taken from the patient and sent to the laboratory. In these situations cellular pathology is the specialty that gives the definitive diagnosis and allows clinicians to give the most appropriate advice and treatment to their patients. Cellular pathology is the interpretation of diseases in terms of cellular alterations, that is, the ways in which cells fail to maintain homeostasis; 2. sometimes used as a synonym for cytopathology (1). Cellular pathology see pathology. Histopathology the hospital-based specialty which renders diagnoses based on tissues removed cellular pathology services has been providing comprehensive and customised histopathology and cytopathology services to the independent and NHS sector for over 15 years general cellular pathology looks at tissues (histology) or cells (cytology). Sections within cellular pathology include: andrology - study of male infertility, and confirmation of sterility following male sterilization. Cellular pathology. The cellular pathology department examines tissue specimens from patients, taken during either surgical operations or post-mortem examination. Examinations of the tissues and organs are made to determine a diagnosis and provide information on further treatment. Cellular pathology department provides a comprehensive service in general histopathology, neuropathology, paediatric and perinatal pathology and diagnostic cytopathology.

Cellular pathology the specialist staff in the directorate of cellular pathology provide the clinical opinions on specimens of tissues (biopsies) and cells (cytology) that are taken to make a diagnosis, to guide treatment and to monitor the effects of treatment. In pathology there are two main training routes into a career in pathology – becoming a medical doctor or becoming a clinical scientist. Role of biomedical scientists. Biomedical scientists investigate tissue and body fluid samples to diagnose disease and monitor the treatment of patients. Pathology is an outsourced cellular pathology and expert second opinion service. We offer a complete bespoke service for the cut-up, processing and reporting of pre-prepared slides, wet surgical specimens and blocks from a UKAS accredited laboratory in the UK. Cellular pathology provides routine and urgent diagnostic, prognostic, screening and monitoring reports, clinical advice, information and education on the use of the laboratory and services provided. Cellular pathology is a consultant led diagnostic service which includes histopathological and neuropathological diagnosis using paraffin embedded tissue. It has full CPA accreditation.

Cellular pathology department comprises the laboratories listed below across our four hospital sites. The cellular pathology department is a UKAS accredited department.

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