

Histology

[View the current Histology InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Histology.html) ([PDF](#))

(<http://www.bioportfolio.com/indepth/Histology.html>) - Regularly Updated.

tissue stained with hematoxylin and eosin. This individual suffers from emphysema. Histology is the study of tissue sectioned as a thin slice, using a microtome. It can be described as microscopic anatomy. The photographing of stained cells is called histography. Histology is an essential tool of biology. Histopathology, the microscopic study of diseased tissue, is an important tool of anatomical pathology since accurate diagnosis of cancer and other diseases usually requires histopathological examination of samples. The trained scientists who perform the preparation of histological sections are Histotechnicians, Histology Technicians, Histology Technologists, Medical Scientists, Medical Laboratory Technicians or Biomedical scientists. Their field of study is called histotechnology. ([From the Wikipedia article Histology](#).)



Recent Publications on Histology:

- [\[A case of metachronous testicular tumor developing seven years after complete remission of retroperitoneal extragonadal germ cell tumor.\]](#)
A 26-year-old man was admitted to our hospital with a chief complaint of... 21st November, 2009
The Department of Urology, Osaka University Graduate School of Medicine.- *Hinyokika Kyo*. 2009 Oct;55(10):635-638.
- [\[A case of hepatoid adenocarcinoma of the urinary bladder.\]](#)
A 79-year-old man was admitted to our hospital with a chief complaint of... 21st November, 2009
The Department of Urology, Ikeda Municipal Hospital.- *Hinyokika Kyo*. 2009 Oct;55(10):619-622.
- [A histology-based atlas of the C57BL/6J mouse brain deformably registered to in vivo MRI for localized radiation and surgical targeting.](#)
The C57BL/6J laboratory mouse is commonly used in neurobiological... 21st November, 2009
Department of Radiation Oncology and Molecular Radiation Sciences, Johns- *Phys Med Biol*. 2009 Nov 20;54(24):7315-7327. ([DOI Direct Link](#))
- [Scenes from the Past: The Medici Project: Radiographic Survey.](#)
The remains of 12 members of the grand ducal (junior) branch of the... 21st November, 2009
Radiodiagnostic Section, Department of Clinical Physiopathology,- *Radiographics*. 2009 November-December;29(7):2101-2114. ([DOI Direct Link](#))
- [Prognostic significance of DAPK and RASSF1A promoter hypermethylation in Non-Small Cell Lung Cancer \(NSCLC\).](#)
The epigenetic inactivation of tumor suppressor genes may play an... 21st November, 2009
Department of Histology and Embriology, Medical University of Bialystok,- *Folia Histochem Cytobiol*. 2009 Jan 1;47(2):275-280. ([DOI Direct Link](#))
- [Biomarkers of response to angiogenesis inhibitors: An open and unsolved question.](#)
The epigenetic inactivation of tumor suppressor genes may play an... 21st November, 2009
Department of Human Anatomy and Histology, University of Bari Medical- *Eur J Cancer*. 2009 Nov 16.

- ([DOI Direct Link](#))
- [Therapeutic effects of adenovirus-mediated growth and differentiation factor-5 in a mice disc degeneration model induced by annulus needle puncture.](#)
*BACKGROUND CONTEXT: The therapeutic strategies that have thus far been...*21st November, 2009
Department of Orthopaedic Surgery, School of Medicine, University of- Spine J. 2009 Nov 17. ([DOI Direct Link](#))
- [Kinematic analysis of the braking and propulsion phases during the support time in sprint running.](#)
*The contact time (CT) and the ratio between the duration of braking (BP)...*21st November, 2009
Dept. of Histology, Embryology and Applied Biology, University of Bologna,- Gait Posture. 2009 Nov 17. ([DOI Direct Link](#))
- [A combined method of laser capture microdissection and X-Gal histology to analyze gene expression in c-Fos-specific neurons.](#)
*c-Fos is a member of the activator protein 1 family that regulates...*21st November, 2009
Department of Biological Science and Program in Neuroscience, Florida- J Neurosci Methods. 2009 Nov 16. ([DOI Direct Link](#))
- [\[Recurrence of varicocele caused by renal tumour.\]](#)
*A 31-year-old man referred with six to seven years' history of a left-side...*21st November, 2009
Urologisk Afdeling- Ugeskr Laeger. 2009 Nov 16;171(47):3429-3430.
- [Gene expression profiles of mouse spermatogenesis during recovery from irradiation.](#)
*ABSTRACT: BACKGROUND: Irradiation or chemotherapy that suspend normal...*21st November, 2009
- Reprod Biol Endocrinol. 2009 Nov 19;7(1):130. ([DOI Direct Link](#))
- [Evaluation of tacrolimus abbreviated area-under-the-curve monitoring in renal transplant patients who are potentially at risk for adverse events.](#)
*In a cohort of 32 renal transplant patients who are potentially at risk...*21st November, 2009
Pharmacy Department, Clinical Center, National Institute of Diabetes and- Clin Transplant. 2009 Nov 18. ([DOI Direct Link](#))
- [Multimodality bronchoscopic imaging of recurrent respiratory papillomatosis.](#)
*OBJECTIVES/HYPOTHESIS.: Recurrent respiratory papillomatosis (RRP) of the...*20th November, 2009
Pulmonary and Critical Care Medicine, Department of Medicine, University- Laryngoscope. 2009 Nov 18. ([DOI Direct Link](#))
- [Distribution of components of basal lamina and dystrophin-dystroglycan complex in the rat pineal gland: differences from the brain tissue and between the subdivisions of the gland.](#)
*The pineal gland is an evagination of the brain tissue, a...*20th November, 2009
Department of Anatomy, Histology and Embryology, Semmelweis University,- Histol Histopathol. 2010 Jan;25(1):1-14.
- [Reprogramming of melanoma cells by embryonic microenvironments.](#)
*In recent years, the reversion of the cancer phenotype of human melanoma...*20th November, 2009
Laboratory of Stem Cells, Development and Cancer. Department of Cell- Int J Dev Biol. 2009;53(8-9-10):1563-1568. ([DOI Direct Link](#))

BioNews Results for Histology

- [Phase II Study of Erlotinib in Patients With Locally Advanced or Metastatic Papillary Histology Renal Cell Cancer: SWOG S0317](#)
MDLinx: Nov 12 2009 1:49PM Matching: histology
- [LDL cholesterol and adiponectin levels linked to necrotic core-rich coronary plaque](#)
MedWire News: Nov 11 2009 6:55PM Matching: histology
- [Case Management of Cervical Cytology and Histology in the Adolescent Patient](#)
MDLinx: Nov 11 2009 9:12AM Matching: histology

- [Phase II Study of Erlotinib in Patients With Locally Advanced or Metastatic Papillary Histology Renal Cell Can](#)
Journal of Clinical Oncology: Nov 4 2009 11:45AM Matching: histology
- [Electricity sparks better HIV vaccine response](#)
SciDev.net: Oct 23 2009 5:35PM Matching: histology
- [Histology and imaging of soft tissue sarcomas](#)
MDLinx: Oct 23 2009 11:16AM Matching: histology
- [KYTHERA Biopharmaceuticals Announces Two Data Presentations on Its Novel Fat Reduction Drug at ASPS Meeting](#)
Pharmacy Choice: Oct 23 2009 5:11AM Matching: histology
- [KYTHERA Biopharmaceuticals Announces Two Data Presentations on Its Novel Fat Reduction Drug at ASPS Meeting](#)
CNBC: Oct 23 2009 2:33AM Matching: histology
- [KYTHERA Biopharmaceuticals Announces Two Data Presentations on Its Novel Fat Reduction Drug at ASPS Meeting](#)
EuroInvestor.co.uk: Oct 23 2009 12:46AM Matching: histology
- [KYTHERA Biopharmaceuticals Announces Two Data Presentations on Its Novel Fat Reduction Drug at ASPS Meeting](#)
Earthtimes.org: Oct 22 2009 11:31PM Matching: histology
- [KYTHERA Biopharmaceuticals Announces Two Data Presentations on Its Novel Fat Reduction Drug at ASPS Meeting](#)
Individual.com: Oct 22 2009 11:21PM Matching: histology
- [Prognostic and predictive factors in a randomized phase III trial comparing cisplatin-pemetrexed versus cisplatin-gemcitabine in advanced non-small-cell lung cancer](#)
MDLinx: Oct 19 2009 11:28AM Matching: histology
- [Diabetes Duration Is Associated With Increased Thin-Cap Fibroatheroma Detected by Intravascular Ultrasound With Virtual Histology](#)
MDLinx: Oct 19 2009 10:42AM Matching: histology

Histology Patents:



- 7608049- [Biopsy needle](#)
- 7609808- [Application specific emission and transmission tomography](#)
- 7611653- [Manufacturing and material processing for prosthetic devices](#)
- 7611699- [Methods of using cytokine zalpha11 ligand](#)
- 7611702- [TNF-alpha blocker treatment for enterocolitis associated with immunostimulatory therapeutic antibody therapy](#)
- 7611704- [Compositions and methods for treating viral infections using antibodies and immunoconjugates to aminophospholipids](#)
- 7611847- [Method for identifying an intestinal phenotype](#)
- 7611857- [IL-receptor like molecules and uses thereof](#)
- 7611869- [Multiplexed methylation detection methods](#)
- 7611907- [Nano-sized optical fluorescence labels and uses thereof](#)
- 7612035- [Inhibition of mitogen-activated protein kinase \(MAPK\) pathway: a selective therapeutic](#)

[strategy against melanoma](#)

- 7608701- [Corticotropin releasing factor 2 receptor agonists](#)
- 7608698- [Hypoxia inducible factors and uses thereof for inducing angiogenesis and improving muscular functions](#)
- 7608267- [Multifunctional cytokines](#)
- 7608274- [Therapeutic processes and useful compositions therefor](#)
- 7608284- [Enamel matrix protein composition for treatment of systemic inflammatory response syndrome](#)
- 7608427- [Polynucleotide encoding an IL-28B polypeptide](#)
- 7608428- [Polynucleotide encoding an IL-28B polypeptide](#)
- 7608580- [Injectable carrier formulations of hyaluronic acid derivatives for delivery of osteogenic proteins](#)
- 7608591- [Targeted delivery to legumain-expressing cells](#)
- 7608683- [Stress proteins and peptides and methods of use thereof](#)
- 7608686- [Human tumor necrosis factor receptor](#)
- 7608690- [IL-B30 antibodies](#)
- 7612043- [Method of reducing or inhibiting ObR signaling using a leptin antagonist consisting of SEQ id No: 2](#)
- 7612050- [Drug for the treatment of osteonecrosis and for the management of patients at risk of developing osteonecrosis](#)
- 7612107- [Treatment and inhibition of disease conditions using flexible heteroarotinoids](#)
- 7616986- [Optical fiber scanner for performing multimodal optical imaging](#)
- 7618614- [Hydrocephalus treatment](#)
- 7618622- [Treatment of Parkinson's disease and related disorders using postpartum derived cells](#)
- 7618630- [Methods of treating multiple myeloma and myeloma-induced bone resorption using integrin antagonists](#)
- 7618633- [Antibodies that bind CD40 and methods of treating cancer and enhancing immune responses](#)
- 7618646- [Matrix, cell implant and method for their production and use](#)
- 7618828- [Method for histoprocessing](#)
- 7618943- [Fusion polypeptides, and use thereof in antivasular tumor therapy](#)
- 7619069- [Antibodies to TGF-beta 1](#)
- 7619146- [Method for modifying plant morphology, biochemistry and physiology](#)
- 7615625- [In vitro amplification of nucleic acid molecules via circular replicons](#)
- 7615540- [Formulations comprising antisense nucleotides to connexins](#)
- 7612111- [Esterified fatty acid composition](#)
- 7612250- [Nuclear transfer embryo formation method](#)
- 7612880- [Advanced polarization imaging method, apparatus, and computer program product for retinal imaging, liquid crystal testing, active remote sensing, and other applications](#)
- 7615013- [Methods and devices for cutting and collecting soft tissue](#)
- 7615208- [Metal ion-labeled bis-aminoethanethiol-targeting ligand conjugates, compositions, and methods for tissue-specific disease imaging](#)
- 7615209- [Compositions of NDV and methods of use thereof for treatment of cancer](#)
- 7615223- [Selected immunoconjugates for binding to aminophospholipids](#)
- 7615353- [Tivozanib response prediction](#)
- 7615355- [Peripheral-type benzodiazepine receptor expression level as an index of organ damage and regeneration](#)
- 7615373- [Electroprocessed collagen and tissue engineering](#)
- 7620451- [Methods and apparatus for pulsed electric field neuromodulation via an intra-to-extravascular approach](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

