

Anatomy

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Anatomy is the branch of biology that is the consideration of the structure of living things. It is a general term that can include human anatomy, animal anatomy and plant anatomy. In some of its facets anatomy is closely related to embryology, comparative anatomy and comparative embryology, through common roots in evolution. Anatomy is subdivided into gross anatomy and microscopic anatomy. Gross anatomy is the study of anatomical structures that can be seen by unaided vision. Microscopic anatomy is the study of minute anatomical structures assisted with microscopes, which includes histology, and cytology. The history of anatomy has been characterized, over time, by a continually developing understanding of the functions of organs and structures in the body. Methods have also advanced dramatically, advancing from examination of animals through dissection of cadavers to technologically complex techniques developed in the 20th century. Anatomy should not be confused with anatomical pathology, which is the study of the gross and microscopic appearances of diseased organs. ([From the Wikipedia article Anatomy.](#))

Recent Publications on Anatomy:



- [Experimentally generated footprints in sand: Analysis and consequences for the interpretation of fossil and forensic footprints.](#)
Fossilized footprints contain information about the dynamics of gait, but... 20th October, 2009
Department of Biology, University of Antwerp, Belgium.- *Am J Phys Anthropol.* 2009 Nov 19. ([DOI Direct Link](#))
- [Oval in males and triangular in females? A quantitative evaluation of sexual dimorphism in the human obturator foramen.](#)
Among the numerous pelvic traits presenting sex differences, the obturator... 20th October, 2009
Institute of Normal Anatomy, Faculty of Medicine, University of- *Am J Phys Anthropol.* 2009 Nov 19. ([DOI Direct Link](#))
- [Use of electronic anatomy practical examinations for remediating "at risk" students.](#)
Restrictive laboratory scheduling, an increasing number of human... 20th October, 2009
Department of Biological Sciences, University of New England, Biddeford,- *Anat Sci Educ.* 2009 Nov 19. ([DOI Direct Link](#))
- [Diet reconstruction in antebellum Baltimore: Insights from dental microwear analysis.](#)
Construction in the City of Baltimore during 1996 led to the recovery of... 20th October, 2009
Center for Functional Anatomy & Evolution, Johns Hopkins University School- *Am J Phys Anthropol.* 2009 Nov 19. ([DOI Direct Link](#))
- [C1 Lateral Mass-C2 Pedicle Screws and Crosslink Compression Fixation for Unstable Atlas Fracture.](#)
STUDY DESIGN.: Primary clinical trial of limited fixation for unstable... 20th October, 2009
From the *Orthopedic & Trauma-Surgery Department, East Hospital, Tongji- *Spine (Phila Pa 1976).* 2009 Nov 1;34(23):2505-2509. ([DOI Direct Link](#))

- [Cocultures of Rat Sensorimotor Cortex and Spinal Cord Slices to Investigate Corticospinal Tract Sprouting.](#)
*STUDY DESIGN.: Experimental study of corticospinal axonal sprouting in an...*20th October, 2009
From the *University Hospital for Orthopaedic Surgery Friedrichsheim,- Spine (Phila Pa 1976). 2009 Nov 1;34(23):2494-2499. ([DOI Direct Link](#))
- [Nutrition and exercise prevents excess weight gain in overweight pregnant women.](#)
*PURPOSE.: To determine the effect of a Nutrition and Exercise Lifestyle...*20th October, 2009
1R. Samuel McLaughlin Foundation- Exercise & Pregnancy Laboratory, School- Med Sci Sports Exerc. 2009 Nov 13. ([DOI Direct Link](#))
- [Immunohistochemical Localization of Steroidogenic Enzymes in the Testis of the Sika Deer \(Cervus nippon\) During Developmental and Seasonal Changes.](#)
*Testicular steroidogenesis and spermatogenesis during developmental and...*20th October, 2009
Laboratory of Veterinary Anatomy, Department of Basic Veterinary Medicine,- J Reprod Dev. 2009 Nov 19.
- [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...*20th October, 2009
Department of Radiation Oncology and Molecular Radiation Sciences, Johns- Phys Med Biol. 2009 Nov 20;54(24):7315-7327. ([DOI Direct Link](#))
- [Phylogenomic analyses reveal convergent patterns of adaptive evolution in elephant and human ancestries.](#)
*Specific sets of brain-expressed genes, such as aerobic energy metabolism...*20th October, 2009
Center for Molecular Medicine and Genetics, Department of Anatomy and Cell- Proc Natl Acad Sci U S A. 2009 Nov 19. ([DOI Direct Link](#))
- [Diurnal Variations in Natural and Drug Reward, Mesolimbic Tyrosine Hydroxylase, and Clock Gene Expression in the Male Rat.](#)
*The impact of the circadian timing system upon behavior and physiology is...*20th October, 2009
Department of Anatomy and Cell Biology, Schulich School of Medicine and- J Biol Rhythms. 2009 Dec;24(6):465-476. ([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...*20th October, 2009
Radiodiagnostic Section, Department of Clinical Physiopathology,- Radiographics. 2009 November-December;29(7):2101-2114. ([DOI Direct Link](#))
- [Added Value of Multiplanar Reformation in the Multidetector CT Evaluation of the Female Pelvis: A Pictorial Review.](#)
*Although computed tomography (CT) is generally not the first-line imaging...*20th October, 2009
Department of Radiology, New York University Medical Center, Women's- Radiographics. 2009 November-December;29(7):1987-2003. ([DOI Direct Link](#))
- [Hallux Valgus and the First Metatarsal Arch Segment: A Theoretical Biomechanical Perspective.](#)
*Hallux valgus is a progressive foot deformity characterized by a lateral...*20th October, 2009
Program in Physical Therapy, University of Minnesota, Medical School, Mayo- Phys Ther. 2009 Nov 19. ([DOI Direct Link](#))
- [Metabotropic Glutamate Receptor-Mediated Long-Term Depression: Molecular Mechanisms.](#)
*The ability to modify synaptic transmission between neurons is a...*20th October, 2009
Medical Research Council Centre for Synaptic Plasticity, Department of- Pharmacol Rev. 2009 Nov 19. ([DOI Direct Link](#))

BioNews Results for Anatomy

- [Arthrosonography: Joints of the back, pelvis and hind limb \(Proceedings\)](#)

- Thomson Veterinary Healthcare Communications: Nov 20 2009 12:03PM Matching: anatomy*
- [Life Sciences: Data from University of Bristol, Department of Anatomy provide new insights into life sciences](#)
NewsRX: Nov 17 2009 5:45AM Matching: anatomy
 - [Life Sciences: Reports summarize life sciences study results from Kobe University, Department of Otolaryngology](#)
NewsRX: Nov 15 2009 7:35AM Matching: anatomy
 - [Rebecca Gayheart Pregnant Rumors: True](#)
Plastic Surgery Channel: Nov 13 2009 11:55PM Matching: anatomy
 - [SIR Offers Resources on Stroke, Carotid Artery Disease](#)
Medicexchange.com: Nov 13 2009 3:56PM Matching: anatomy
 - [New and effective medicines underway for treating a wide range of diseases affecting women](#)
News-Medical.Net: Nov 13 2009 2:54PM Matching: anatomy
 - [Resources to help understand stroke and carotid artery disease](#)
News-Medical.Net: Nov 12 2009 9:18AM Matching: anatomy
 - [Life Sciences: New life sciences research has been reported by scientists at University of Veterinary Medicine, Department of Pathology](#)
NewsRX: Nov 12 2009 8:04AM Matching: anatomy
 - [Society of Interventional Radiology offers resources on stroke, carotid artery disease](#)
EurekAlert!: Nov 11 2009 4:02PM Matching: anatomy
 - [Society of Interventional Radiology offers resources on stroke, carotid artery disease](#)
Genetic Engineering News: Nov 11 2009 3:24PM Matching: anatomy
 - [Gastroenterology: New gastroenterology study findings have been reported by researchers at University of Bari](#)
NewsRX: Nov 11 2009 5:30AM Matching: anatomy
 - [Hearing Loss Study Focuses On AIDS Patients: 'people with HIV may be aging prematurely. May play a role in hea](#)
National AIDS Treatment Advocacy Project: Nov 9 2009 9:35AM Matching: anatomy
 - [A Holy Interruption](#)
Catholic Exchange: Nov 7 2009 11:41PM Matching: anatomy
 - [One of Canada's Leading Obesity Scientists Joins Sirona Biochem's Scientific Advisory Board](#)
Freshnews.com: Nov 5 2009 8:02PM Matching: anatomy
 - [Medical News: Hearing Study Focuses On AIDS Patients](#)
BioFind: Nov 5 2009 11:57AM Matching: anatomy

Anatomy Clinical Trials:



- [Determination of Anatomic Variations of the Internal Jugular and Femoral Veins Using Ultrasound in the Emergency Department](#)



Anatomy Patents:

- 7616997- [Devices and methods for cardiovascular reflex control via coupled electrodes](#)
- 7618387- [Foot orthosis support device method and apparatus](#)
- 7618390- [Equine bandage with ventral access opening](#)
- 7618391- [Waveform sensing and regulating fluid flow valve](#)
- 7618409- [Computer controlled drug delivery system with dynamic pressure sensing](#)
- 7618411- [Variable characteristic venous access catheter shaft](#)
- 7618418- [Plate system for minimally invasive support of the spine](#)
- 7618422- [Tibial augmentation guide](#)
- 7618432- [Valvuloplasty devices and methods](#)
- 7618443- [Occipito fixation system and method of use](#)
- 7618449- [Method and apparatus for tissue connection](#)
- 7618379- [Composite guidewire](#)
- 7618374- [Image plane sensing methods and systems for intra-patient probes](#)
- 7618367- [Three-prong retractor with elastomeric sheath](#)
- 7617001- [Systems and method for communicating with implantable devices](#)
- 7617003- [System for selective activation of a nerve trunk using a transvascular reshaping lead](#)
- 7617005- [Methods and apparatus for thermally-induced renal neuromodulation](#)
- 7617555- [Patient support surface](#)
- 7617730- [Ultrasonic inspection and repair mode selection](#)
- 7617821- [Acoustic respiratory therapy apparatus](#)
- 7618142- [Contact lenses](#)
- 7618257- [Auxiliary elements for the segmented distalisation of the posterior jawbone sector from canine to molar in orthodontic treatment](#)
- 7618313- [Electronic word puzzle](#)
- 7618365- [Method of implanting a medical device using a suture tab extender](#)
- 7618450- [Implantable hearing system](#)
- 7618451- [Patient selectable joint arthroplasty devices and surgical tools facilitating increased accuracy, speed and simplicity in performing total and partial joint arthroplasty](#)
- 7619618- [Identifying contacts on a touch surface](#)
- 7620144- [Parallel stereovision geometry in image-guided radiosurgery](#)
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- 7619081- [siRNA targeting coatomer protein complex, subunit beta 2 \(COPB2\)](#)
- 7619009- [Systems and methods for controlling and forming polymer gels](#)
- 7618958- [Stereospecific anxiolytic and anticonvulsant agents with reduced muscle-relaxant, sedative-hypnotic and ataxic effects](#)

- 7618453- [Facet joint replacement](#)
- 7618455- [Multiple facet joint replacement](#)
- 7618462- [System and method for joint resurface repair](#)
- 7618464- [Prosthetic foot with variable medial/lateral stiffness](#)
- 7618614- [Hydrocephalus treatment](#)
- 7618632- [Method of treating or ameliorating an immune cell associated pathology using GITR ligand antibodies](#)
- 7618778- [Producing, cataloging and classifying sequence tags](#)
- 7618781- [Nucleic acids for detecting B-cell malignancy](#)
- 7618814- [MicroRNA-related nucleic acids and uses thereof](#)
- 7618948- [Devices, systems and methods for improving and/or cognitive function through brain delivery of siRNA](#)
- 7620711- [Method of using configuration files for configuring technical devices](#)

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