

Resource Summary Report

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Embryo Images Normal and Abnormal Mammalian Development

RRID:SCR_006297

Type: Tool

Proper Citation

Embryo Images Normal and Abnormal Mammalian Development (RRID:SCR_006297)

Resource Information

URL: https://syllabus.med.unc.edu/courseware/embryo_images/

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Description: Tutorial that uses scanning electron micrographs (SEMs) as the primary resource to teach mammalian embryology. The 3-D like quality of the micrographs coupled with selected line drawings and minimal text allow relatively easy understanding of the complex morphological changes that occur in utero. Because early human embryos are not readily available and because embryogenesis is very similar across mammalian species, the majority of micrographs that are utilized in this tutorial are of mouse embryos. The remainder are human. This tutorial is divided into units that may be studied in any order. All of the images have a legend that indicates the age of the embryo. If it is a mouse embryo, the approximate equivalent human age is indicated. To minimize labeling, color-coding is widely used. To view the micrographs without color, the cursor may be placed on the image. The SEMs used in this tutorial are from the Kathleen K. Sulik collection. The line drawings have been used with permission from Lippincott Williams & Wilkins and are from the 6th and 7th editions of Langman's Medical Embryology by T.W. Sadler.

Abbreviations: Embryo Images

Synonyms: Embryo Images Normal & Abnormal Mammalian Development

Resource Type: curriculum material, data or information resource, training material, narrative resource, image collection

Keywords: scanning electron micrograph, embryology, morphology, mammal, embryonic mouse, embryonic human, micrograph, fetal development, body form, musculoskeletal, head, neck, ear, eye, nervous system, cardiovascular system, urogenital system, digestive system, respiratory system, development

Related Condition: Normal development, Abnormal development, Birth defect

Funding: Greenwood Genetic Center ;
University of North Carolina at Chapel Hill; North Carolina; USA

Availability: The line drawings may not be reproduced without the permission of the publisher.

Resource Name: Embryo Images Normal and Abnormal Mammalian Development

Resource ID: SCR_006297

Alternate IDs: nlx_151966

Record Creation Time: 20220129T080235+0000

Record Last Update: 20260807T042633+0000

Ratings and Alerts

No rating or validation information has been found for Embryo Images Normal and Abnormal Mammalian Development.

No alerts have been found for Embryo Images Normal and Abnormal Mammalian Development.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.