

Resource Summary Report

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Human Developmental Biology Resource

RRID:SCR_006326

Type: Tool

Proper Citation

Human Developmental Biology Resource (RRID:SCR_006326)

Resource Information

URL: <http://www.hdbr.org/>

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Description: Collection of human embryonic and fetal material (Tissue and RNA) ranging from 3 to 20 weeks of development available to the international scientific community. Material can either be sent to registered users or our In House Gene Expression Service (IHGES) can carry out projects on user's behalf, providing high quality images and interpretation of gene expression patterns. Gene expression data emerging from HD BR material is added to our gene expression database which is accessible via our HUDSEN (Human Developmental Studies Network) website. A significant proportion of the material has been cytogenetically karyotyped, and normal karyotyped material is provided for research.

Abbreviations: HDBR

Synonyms: MRC-Wellcome Trust Human Developmental Biology Resource

Resource Type: biomaterial supply resource, material resource

Keywords: development, fetal material, fetus, embryonic human, fetus human, karyotype, gene expression, image, imaging, FASEB list

Related Condition: Normal

Funding: MRC ;
Wellcome Trust

Availability: Public: Intended for use primarily by academic researchers. Every effort is made to ensure that optimal use is made of donated tissue, Both in terms of the aims and quality of the research for which it is used and avoidance of duplication/wastage. Applications by pharmaceutical or biotechnology companies for access to the Resource are considered, Provided that the tissue itself is not used directly for financial gain.

Resource Name: Human Developmental Biology Resource

Resource ID: SCR_006326

Alternate IDs: nlx_152030

Record Creation Time: 20220129T080235+0000

Record Last Update: 20260919T195753+0000

Ratings and Alerts

No rating or validation information has been found for Human Developmental Biology Resource.

No alerts have been found for Human Developmental Biology Resource.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 316 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Huang TC, et al. (2026) Global reorganization of genome architecture at the transition to gametogenesis. Nature structural & molecular biology, 33(3), 433.

Lim BY, et al. (2026) Retinoic acid drives cell fate specification, maturation and retinal regionality in human retinal organoids. Nature communications, 17(1).

Lattke M, et al. (2026) Single-cell atlas of the developing Down syndrome brain cortex. Nature medicine, 32(3), 1061.

Ren H, et al. (2026) Off-the-shelf dual CAR-iNKT cell immunotherapy eradicates medullary and leptomeningeal high-risk KMT2A-rearranged leukemia. Blood, 147(2), 180.

Budinger D, et al. (2026) An in vivo and in vitro spatiotemporal profile of human midbrain development. Nature communications, 17(1), 1354.

Capecki JA, et al. (2026) Evidence that disruption of Discoidin domain receptor 2 contributes to palate malformations through effects on the extracellular matrix. Human molecular genetics, 35(12).

Sanou I, et al. (2026) Temporal dynamics of Sertoli and germ cell development in human foetal and prepubertal testis. Biology open, 15(2).

Dell'Amico C, et al. (2026) A Human Neural Tube Model Using 4D Self-Folding Smart Scaffolds. Advanced healthcare materials, 15(5), e01405.

Lorenzi V, et al. (2026) Spatiotemporal cellular map of the developing human reproductive tract. *Nature*, 650(8101), 428.

Ogmen K, et al. (2026) Insights into KIF11 pathogenesis in microcephaly-lymphedema-chorioretinopathy syndrome from a lymphatic perspective. *JCI insight*, 11(3).

Bains KK, et al. (2026) The Structural Order of Crystallin Proteins During Early Human Lens Development. *Investigative ophthalmology & visual science*, 67(1), 50.

Trinh MK, et al. (2026) Single cell transcriptional evolution of myeloid leukemia of Down syndrome. *Nature communications*, 17(1).

Peron A, et al. (2025) BCL11A intellectual developmental disorder: defining the clinical spectrum and genotype-phenotype correlations. *European journal of human genetics : EJHG*, 33(3), 312.

Kearney E, et al. (2025) Germ cell quantification in human fetal and prepubertal testis tissues: a comparison of current methodologies. *Reproduction & fertility*, 6(1).

Christensen JB, et al. (2025) A conserved differentiation programme facilitates inhibitory neuron production in the developing mouse and human cerebellum. *Development (Cambridge, England)*, 152(24).

Kim NJ, et al. (2025) Tissue-specific lncRNA GATA6-AS1 and its ortholog Moshe as essential regulators of aortic valve development. *BMB reports*, 58(4), 175.

Ruiz-Morales ER, et al. (2025) Protocol for a human placental explant model to study acute responses to pathogens. *STAR protocols*, 6(4), 104097.

Kolvenbach CM, et al. (2025) Haploinsufficiency of ABL1 is associated with dominant isolated omphalocele. *Frontiers in cell and developmental biology*, 13, 1630894.

Erickson AW, et al. (2025) Mapping the developmental profile of ventricular zone-derived neurons in the human cerebellum. *Proceedings of the National Academy of Sciences of the United States of America*, 122(17), e2415425122.

Ranganathan R, et al. (2025) Targets of the transcription factor Six1 identify previously unreported candidate deafness genes. *Development (Cambridge, England)*, 152(7).