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Cell Culture Development for Human Pluripotent Stem Cells



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## Human pluripotent stem cells: an emerging model in ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) › Journal List › Development

Feb 15, 2013 · The derivation of hESCs and hiPSCs. (A) Human embryonic stem cells (hESCs) are derived from the inner cell mass of cultured preimplantation human blastocysts. When grown on mouse embryonic fibroblast feeders, human pluripotent stem cells (hPSCs) can self-renew ...

Cited by: 101

Author: Zengrong Zhu, Danwei Huangfu

Publish Year: 2013

## Development of Simplified and Defined Cell Culture for ...

<https://www.stemcell.com/development-of-simplified-and-defined...> ▼

Development of Simplified and Defined Cell Culture for Human Pluripotent Stem Cells Human pluripotent stem cells (hPSCs) have the ability to generate all cell types in the human body and can be used in many applications in basic research and translational medicine, including disease modeling, drug screening and cell therapy.

## Human Pluripotent Stem Cell Culture: Considerations for ...

[https://www.cell.com/cell-stem-cell/fulltext/S1934-5909\(13\)00554-7](https://www.cell.com/cell-stem-cell/fulltext/S1934-5909(13)00554-7) ▼

Human pluripotent stem cells (hPSCs) provide powerful resources for application in regenerative medicine and pharmaceutical development. In the past decade, various methods have been developed for large-scale hPSC culture that rely on combined use of multiple growth components, including media containing various growth factors, extracellular matrices, 3D environmental cues, and modes of ...

Cited by: 196

Author: Kevin G. Chen, Barbara S. Mallon, Ronal...

Publish Year: 2014

## Human Pluripotent Stem Cell Culture: Considerations for ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) › Journal List › HHS Author Manuscripts

Jan 02, 2014 · Human pluripotent stem cells (hPSCs) provide powerful resources for application in regenerative medicine and pharmaceutical development.

Cited by: 196

Author: Kevin G. Chen, Barbara S. Mallon, Ronal...

Publish Year: 2014

## Organoid-Induced Differentiation of Conventional T Cells ...

[https://www.cell.com/cell-stem-cell/fulltext/S1934-5909\(18\)30601-5](https://www.cell.com/cell-stem-cell/fulltext/S1934-5909(18)30601-5) ▼

The ability to generate T cells from pluripotent stem cells (PSCs) has the potential to transform autologous T cell immunotherapy by facilitating universal, off-the-shelf cell products. However, differentiation of human PSCs into mature, conventional T cells ...

Author: Amélie Montel-Hagen, Christopher S. ...

Publish Year: 2019

**1** Name of Journal: *World Journal of Stem Cells*

Manuscript NO: 47662

Manuscript Type: REVIEW

Cell culture development for human pluripotent stem cells

Liu WW *et al.* Cell culture for hPSCs

Wei-Wei Liu, Chun-Hao Deng, Carlos Godoy-Parejo, Yu-Meng Zhang, Guo-Kai Chen

## Match Overview

**1** Internet 28 words  
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## Cell culture development for human pluripotent stem cells에 대한 학술자료

Induction of **pluripotent stem cells** from adult **human** ... - **Takahashi** - 16628회 인용

**Induced pluripotent stem cell** lines derived from **human** ... - **Yu** - 10049회 인용

... **growth** of undifferentiated **human** embryonic **stem cells** - **Xu** - 2286회 인용

## Human Pluripotent Stem Cell Culture: Considerations for Maintenance ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3915741/> ▼ 이 페이지 번역하기

KG Chen 저술 - 2014 - 200회 인용 - 관련 학술자료

Suspension **Cultures** Enable Expansion of Differentiated **Cells** 링크로 이동 - Occasionally, these **cells** are expanded ... To optimize **growth** conditions, ... This study offers strategies to expand primary **cell culture** ex vivo and also ...

Human PSCs Require ... · Suspension Cultures ... · Cell Culture Platforms for ...

## Human Pluripotent Stem Cell Culture: Current Status, Challenges, and ...

<https://www.hindawi.com/journals/sci/2018/7396905/> ▼ 이 페이지 번역하기

S Dakhore 저술 - 2018 - 7회 인용 - 관련 학술자료

2018. 10. 24. - Discovery of human-induced **pluripotent stem cells** (hiPSCs) further ... early embryonic **development** and the differentiation into mature **cell** ...

## Human pluripotent stem cells - Development - The Company of ...

<https://dev.biologists.org/content/140/4/705> - 이 페이지 번역하기

Z Zhu 저술 - 2013 - 115회 인용 - 관련 학술자료

(A) **Human embryonic stem cells** (hESCs) are derived from the inner **cell** mass of ... **human pluripotent stem cells** (hPSCs) can self-renew indefinitely in **culture** ...