

SciVerse Scopus 2012年3月リリースのご案内

SciVerse Scopus（サイバース・スコパス）が2012年3月18日にバージョンアップされ、以下の変更がありました。

1. ウェブ検索と特許検索の対象が Scirus から SciVerse Hub に変更されました。
2. 抄録＋参考文献のページが整理され、見やすくなりました。
3. 検索結果画面の一部機能の名称に変更がありました。
4. 検索画面の一部操作方法に変更がありました。
5. 著者プロフィール中の被引用情報（Citations）の表記がわかりやすくなりました。
6. ジャーナルのブラウザ画面にジャーナル評価指標 SJR と SNIP の説明ページへのリンクが追加されました。

1. ウェブ検索と特許検索の対象が Scirus から SciVerse Hub に変更されました。

SciVerse Scopus では、収録ジャーナルの他、ウェブ情報と特許情報を検索しますが、検索対象が Scirus (<http://www.scirus.com>) から SciVerse Hub (<http://www.hub.sciverse.com>) に変更されました。

バージョンアップ前

バージョンアップ後

- ① ウェブ情報と特許情報の検索対象が Scirus から SciVerse Hub に変更され、表示方法もタブからリンクに変更されました。
[Web] タブ → [XXX Web] リンク
[Patents] タブ → [XXX Patent] リンク
- ② SciVerse Scopus の収録ジャーナルの対象外で、参考文献にのみ収録されている文献の表示方法が変更されました。
[More...] タブ → [View secondary documents] リンク

ウェブ検索の画面

特許検索の画面

参考文献にのみ収録されている文献の画面

2. 抄録+参考文献のページが整理され、見やすくなりました。

全体的なデザインが整理され、SciVerse ScienceDirect の論文ページと統一感のあるものになりました。また、フルテキストリンクや各種操作ボタンが画面上部に一列にわかりやすく配置されました。

バージョンアップ前

Search | Sources | Analytics | My alerts | My list | My settings | Live Chat | Help

Quick Search [] Search

View search history | Back to results 1 of 1

Download PDF | Export | Print | E-mail | Create bibliography | Add to My List

Cell
Volume 131, Issue 5, 30 November 2007, Pages 661-672

ISSN: 0959374
CODEN: CELLS
DOI: 10.1016/j.cell.2007.11.019
Publ. ID: 1003468
Document Type: Article
Source Type: Journal

View at publisher | **DPAC**

Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors

Takahashi, K.¹, Tanabe, K.², Ohnuki, M.³, Narita, M.³, Tomoda, K.¹, Yamana, S.^{1,4,5}

¹ Department of Stem Cell Biology, Institute for Frontier Medical Sciences, Kyoto University, Kyoto, 606-8507, Japan
² CREST, Japan Science and Technology Agency, Kawaguchi, 332-0012, Japan
³ Gladstone Institute of Cardiovascular Disease, San Francisco, CA 94168, United States
⁴ Institute for Integrated Cell-Material Sciences, Kyoto University, Kyoto, 606-8507, Japan

Abstract

Successful reprogramming of differentiated human somatic cells into a pluripotent state would allow creation of patient- and disease-specific stem cells. We previously reported generation of induced pluripotent stem (iPS) cells, capable of germline transmission, from mouse somatic cells by transduction of four defined transcription factors. Here, we demonstrate the generation of iPS cells from adult human dermal fibroblasts with the same four factors: Oct3/4, Sox2, Klf4, and c-Myc. Human iPS cells were similar to human embryonic stem (ES) cells in morphology, proliferation, surface antigens, gene expression, epigenetic status of pluripotent cell-specific genes, and telomerase activity. Furthermore, these cells could differentiate into cell types of the three germ layers in vitro and in teratomas. These findings demonstrate that iPS cells can be generated from adult human fibroblasts. © 2007 Elsevier Inc. All rights reserved.

Language of original document
English

Index Keywords

EMTREE drug terms: kruppel like factor 4; membrane antigen; octamer transcription factor 4; telomerase; transcription factor Sox2
EMTREE medical terms: adult; aged; article; cell line; cell proliferation; cell structure; controlled study; embryonic stem cell; enzyme activity; epigenetics; female; fibroblast; gene expression; human; human cell; male; oncogene c myc; pluripotent stem cell; priority journal; skin fibroblast
MeSH: Adult; Aged; Animals; Biological Markers; Cell Differentiation; Cells, Cultured; DNA-Binding Proteins; Embryo; Mammalian Female; Fibroblasts; Genes; myc; HMG2 Proteins; Humans; Kruppel-Like Transcription Factors; Male; Mice; Mice, Inbred ICR; Myocytes, Cardiac; Neurons; Nuclear Reprogramming; Octamer Transcription Factor-3; Pluripotent Stem Cells; Telomerase; Teratoma; Transcription Factors; Transduction, Genetic
Medline is the source for the MeSH terms of this document.
Species Index: ips

Chemicals and CAS Registry Numbers
Biological Markers; DNA-Binding Proteins; GSKF Protein; HMG2 Proteins; Kruppel-Like Transcription Factors; Octamer Transcription Factor-3; SOX2 transcription factor; Telomerase; EC 2.7.7.49; Transcription Factors

References (30) View in table layout

Export | Print | E-mail | Create bibliography

Select: Page

1 | Adewumi, O., Altobelli, B., Ahrlund-Richter, L., Amit, M., Andrews, P.W., Beighton, G., Bello, P.A., Li, J., Zhang, W.

Cited by since 1996
This article has been cited 2927 times in Scopus: (Showing the 2 most recent)

Cheng, F., Ke, Q., Chen, F.
Protecting against wayward human induced pluripotent stem cells with a suicide gene (2012) *Biomaterials*

Astakhina, A., Mann, B., Granger, D.W.
A critical evaluation of in vitro cell culture models for high-throughput drug screening and toxicity (2012) *Pharmacology and Therapeutics*

View details of all 2927 citations

Inform me when this document is cited in Scopus:
Set alert | Set feed

Other citing sources
Web: 135 times
Patents: 323 times

Related documents
Showing the 2 most relevant related documents by all shared references.

Yu, J., Thomson, J.A.
Pluripotent stem cell lines (2009) *Gene and Development*

Han, J.W., Yoon, Y.-S.
Induced pluripotent stem cells: Emerging techniques for nuclear reprogramming (2011) *Anticancer and Resor. Signaling*

View all related documents based on all shared references or select the shared references to use

Find more related documents in Scopus based on:
Q Authors | Q Keywords

Share
cite like | Tweet

More by These Authors
The authors of this article have a total of 149 records in Scopus: (Showing 5 most recent)

Ampa, K., Andrews, P.W., Anyfantis, G., Armstrong, L., Avery, S., Beharav, H., Beter, J., Beter, D., Hantz, W.B., Bell, S., Benvenisty, N., Ben-Yaakov, D., Ben-Zeev, J., C. Brennan, A., Bren, R.M., Brisson, D., Casander, G., Camarasa, M.V., Chen, J., Chae, E., Choi, Y.M., Cho, A.B.H., Collins, D., Collins, A., Cronin, J.M., Daley, G.Q., Dalton, A., De Souza, P.A., Deming, C., Downie, J., Dvorak, P., Montgomery, K.D., Fei, A., Ford, A., Fox, C.V., Fraga, M.F., Fumole, T., Gu, L., Goshima, P.J., Golan-Lep, T., Gough,

バージョンアップ後

Search | Sources | Analytics | Alerts | My list | Settings | Live Chat | Help | Library catalogue

Quick Search [] Search

Back to results | 1 of 0

View at publisher | **DPAC** | Download | Export | Print | E-mail | Create bibliography | Add to My List

Cell
Volume 131, Issue 5, 30 November 2007, Pages 661-672

Induction of Pluripotent Stem Cells from Adult Human Fibroblasts by Defined Factors

Takahashi, K.¹, Tanabe, K.², Ohnuki, M.³, Narita, M.³, Tomoda, K.¹, Yamana, S.^{1,4,5}

¹ Department of Stem Cell Biology, Institute for Frontier Medical Sciences, Kyoto University, Kyoto, 606-8507, Japan
² CREST, Japan Science and Technology Agency, Kawaguchi, 332-0012, Japan
³ Gladstone Institute of Cardiovascular Disease, San Francisco, CA 94168, United States
⁴ Institute for Integrated Cell-Material Sciences, Kyoto University, Kyoto, 606-8507, Japan

Abstract

Successful reprogramming of differentiated human somatic cells into a pluripotent state would allow creation of patient- and disease-specific stem cells. We previously reported generation of induced pluripotent stem (iPS) cells, capable of germline transmission, from mouse somatic cells by transduction of four defined transcription factors. Here, we demonstrate the generation of iPS cells from adult human dermal fibroblasts with the same four factors: Oct3/4, Sox2, Klf4, and c-Myc. Human iPS cells were similar to human embryonic stem (ES) cells in morphology, proliferation, surface antigens, gene expression, epigenetic status of pluripotent cell-specific genes, and telomerase activity. Furthermore, these cells could differentiate into cell types of the three germ layers in vitro and in teratomas. These findings demonstrate that iPS cells can be generated from adult human fibroblasts. © 2007 Elsevier Inc. All rights reserved.

Indexed Keywords

EMTREE drug terms: kruppel like factor 4; membrane antigen; octamer transcription factor 4; telomerase; transcription factor Sox2
EMTREE medical terms: adult; aged; article; cell line; cell proliferation; cell structure; controlled study; embryonic stem cell; enzyme activity; epigenetics; female; fibroblast; gene expression; human; human cell; male; oncogene c myc; pluripotent stem cell; priority journal; skin fibroblast
MeSH: Adult; Aged; Animals; Biological Markers; Cell Differentiation; Cells, Cultured; DNA-Binding Proteins; Embryo; Mammalian Female; Fibroblasts; Genes; myc; HMG2 Proteins; Humans; Kruppel-Like Transcription Factors; Male; Mice; Mice, Inbred ICR; Myocytes, Cardiac; Neurons; Nuclear Reprogramming; Octamer Transcription Factor-3; Pluripotent Stem Cells; Telomerase; Teratoma; Transcription Factors; Transduction, Genetic
Medline is the source for the MeSH terms of this document.
Species Index: ips

Chemicals and CAS Registry Numbers
Biological Markers; DNA-Binding Proteins; GSKF protein; HMG2 Proteins; Kruppel-Like Transcription Factors; Octamer Transcription Factor-3; SOX2 transcription factor; Telomerase; EC 2.7.7.49; Transcription Factors

ISSN: 0959374 | CODEN: CELLS | Source Type: Journal | Original language: English
DOI: 10.1016/j.cell.2007.11.019 | **PubMed ID: 1003468** | Document Type: Article

References (30) View in table layout

Cited by since 1996
This article has been cited 2930 times in Scopus: (Showing the 2 most recent)

Cheng, F., Ke, Q., Chen, F.
Protecting against wayward human induced pluripotent stem cells with a suicide gene (2012) *Biomaterials*

Astakhina, A., Mann, B., Granger, D.W.
A critical evaluation of in vitro cell culture models for high-throughput drug screening and toxicity (2012) *Pharmacology and Therapeutics*

View details of all 2930 citations

Inform me when this document is cited in Scopus:
Set alert | Set feed

Other citing sources
Web: 135 times
Patents: 323 times

Related documents
Showing the 2 most relevant related documents by all shared references.

Yu, J., Thomson, J.A.
Pluripotent stem cell lines (2009) *Gene and Development*

Han, J.W., Yoon, Y.-S.
Induced pluripotent stem cells: Emerging techniques for nuclear reprogramming (2011) *Anticancer and Resor. Signaling*

View all related documents based on all shared references or select the shared references to use

Find more related documents in Scopus based on:
Q Authors | Q Keywords

More by These Authors
The authors of this article have a total of 149 records in Scopus: (Showing 5 most recent)

Ampa, K., Andrews, P.W., Anyfantis, G., Armstrong, L., Avery, S., Beharav, H., Beter, J., Beter, D., Hantz, W.B., Bell, S., Benvenisty, N., Ben-Yaakov, D., Ben-Zeev, J., C. Brennan, A., Bren, R.M., Brisson, D., Casander, G., Camarasa, M.V., Chen, J., Chae, E., Choi, Y.M., Cho, A.B.H., Collins, D., Collins, A., Cronin, J.M., Daley, G.Q., Dalton, A., De Souza, P.A., Deming, C., Downie, J., Dvorak, P., Montgomery, K.D., Fei, A., Ford, A., Fox, C.V., Fraga, M.F., Fumole, T., Gu, L., Goshima, P.J., Golan-Lep, T., Gough,

- ① SciVerse ScienceDirect の論文ページと統一感のあるものに変更され、読みやすくなりました。
- ② フルテキストリンクや各種操作ボタンが画面上部に一列にわかりやすく配置されました。
- ③ PubMed も収録されている論文では、PubMed ID がリンクになり、PubMed のレコードにリンクできるようになりました。

3. 検索結果画面の一部機能の名称に変更がありました。

バージョンアップ前

バージョンアップ後

- ① PDF フルテキストまたは抄録の一括ダウンロード機能
[Download PDF] → [Download]
- ② 被引用回数
[Citations] → [Cited by]
- ③ 選択した複数の論文が引用している文献
[View citations] → [View Cited by]

4. 検索画面の一部操作方法に変更がありました。

バージョンアップ前

バージョンアップ後

- ① 検索画面のフォームを初期状態に戻すための [Reset form] リンクが追加されました。
- ② 検索履歴の削除方法が、チェックを入れてから[Delete]をクリックする方法 (2ステップ) から、Xをクリックする方法 (1ステップ) に変更されました。
- ③ 検索履歴のその他の操作の表示方法も変更されています。

5. 著者プロフィール中の被引用情報 (Citations) の表記がわかりやすくなりました。

バージョンアップ前

Tonegawa, Susumu	
▼ Find potential author matches	
Personal	
Name	Tonegawa, Susumu
Other formats	Tonegawa, S.
Author ID	7102571856
Affiliation	Riken-MIT Neuroscience Research Center, Department of Biology, Cambridge (ex Galt) United States
Research	
Documents	253 View Author Evaluator Add to my list Set alert Set feed
References	3462
Citations	19477 View citation overview Set alert
h Index	52 View h-Graph The h Index considers Scopus articles published after 1995.
Co-authors	150 (maximum 150 co-authors can be displayed)
Web search	3980
Subject area	Biochemistry, Genetics and Molecular Biology

バージョンアップ後

Tonegawa, Susumu	
▼ Find potential author matches	
Personal	
Name	Tonegawa, Susumu
Other formats	Tonegawa, S.
Author ID	7102571856
Affiliation	Riken-MIT Neuroscience Research Center, Department of Biology, Cambridge (ex Galt) United States
Research	
Documents	253 View Author Evaluator Add to my list Set alert Set feed
References	3432
Citations	28018 total citations by 19476 documents View citation overview Set alert
h Index	52 View h-Graph The h Index considers Scopus articles published after 1995.
Co-authors	150 (maximum 150 co-authors can be displayed)
Web search	3976
Subject area	Biochemistry, Genetics and Molecular Biology Multidisciplinary Immunology and Microbiology More...

- ① 被引用回数 (Citations) の表記方法が、「XXX total citations by YYY documents」に変更され、被引用回数と、引用している文献数が明確になりました。この数の違いは、1つの文献から複数回引用されている場合があるために生じます。

6. ジャーナルのブラウザ画面にジャーナル評価指標 SJR と SNIP の説明ページへのリンクが追加されました。

バージョンアップ前

Cell Stem Cell	
Subject Area:	Biochemistry, Genetics and Molecular Biology; Cell Biology Biochemistry, Genetics and Molecular Biology; Genetics Biochemistry, Genetics and Molecular Biology; Molecular Medicine
Publisher:	Cell Press
ISSN:	1934-5909
Scopus Coverage Years:	from 2007 to 2011
SJR (2011):	7.212 View journal analyzer
SNIP (2011):	4.910 View journal analyzer
Journal homepage OPAC	
Documents available from	View
Articles in press ?	
Latest issue: Volume 10, Issue 2 (February 2012)	View citation overview
• 2012 (33 Documents)	View citation overview
• 2011 (184 Documents)	View citation overview
• 2010 (193 Documents)	View citation overview
• 2009 (196 Documents)	View citation overview
• 2008 (181 Documents)	View citation overview

バージョンアップ後

Cell Stem Cell	
Subject Area:	Biochemistry, Genetics and Molecular Biology; Cell Biology Biochemistry, Genetics and Molecular Biology; Genetics Biochemistry, Genetics and Molecular Biology; Molecular Medicine
Publisher:	Cell Press
ISSN:	1934-5909
Scopus Coverage Years:	from 2007 to 2011
Journal Metrics	
Scopus Journal Metrics offer the value of context with their citation measuring tools. The metrics below allow for direct comparison of journals, independent of their subject classification. To learn more, visit: www.journalmetrics.com .	
SJR (SCImago Journal Rankings)	2011: 7.212 View journal analyzer
SNIP (Source Normalized Impact per Paper)	2011: 4.910 View journal analyzer
Journal homepage OPAC	
Documents available from	View
Articles in press ?	
Latest issue: Volume 10, Issue 2 (February 2012)	View citation overview
• 2012 (33 Documents)	View citation overview
• 2011 (184 Documents)	View citation overview

- ① SciVerse Scopus は以下の 2 つのジャーナル評価指標を収録しています。

SJR (SCImago Journal Rank) : Google PageRank に類似したアルゴリズムを用いて、引用元のジャーナルの質によって引用に重み付けし、分野間の比較を可能とした指標
→ <http://www.scimagojr.com/>

SNIP (Source Normalized Impact per Paper) : 分野による引用のされやすさを考慮し、被引用率を補正することにより、分野間のジャーナルの比較を可能とした指標
→ <http://www.journalindicators.com/>