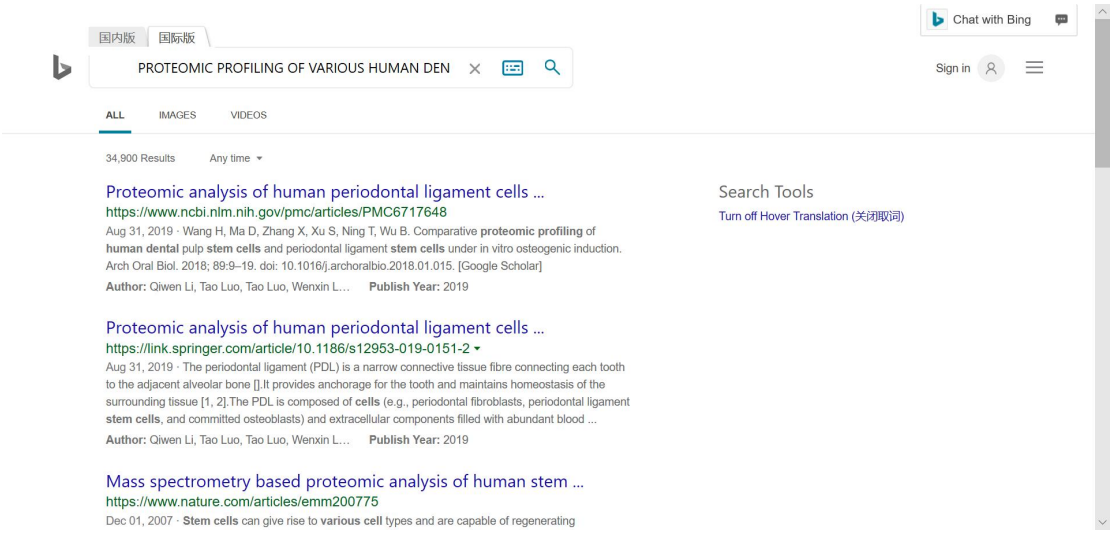
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Author: Qiwen Li, Tao Luo, Tao Luo, Wenxin L... Publish Year: 2019
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https://link.springer.com/article/10.1186/s12953-019-0151-2
Aug 31, 2019 · The periodontal ligament (PDL) is a narrow connective tissue fibre connecting each tooth to the adjacent alveolar bone [].It provides anchorage for the tooth and maintains homeostasis of the surrounding tissue [1, 2].The PDL is composed of cells (e.g., periodontal fibroblasts, periodontal ligament stem cells, and committed osteoblasts) and extracellular components filled with abundant blood ...
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Dec 01, 2007 · Stem cells can give rise to various cell types and are capable of regenerating
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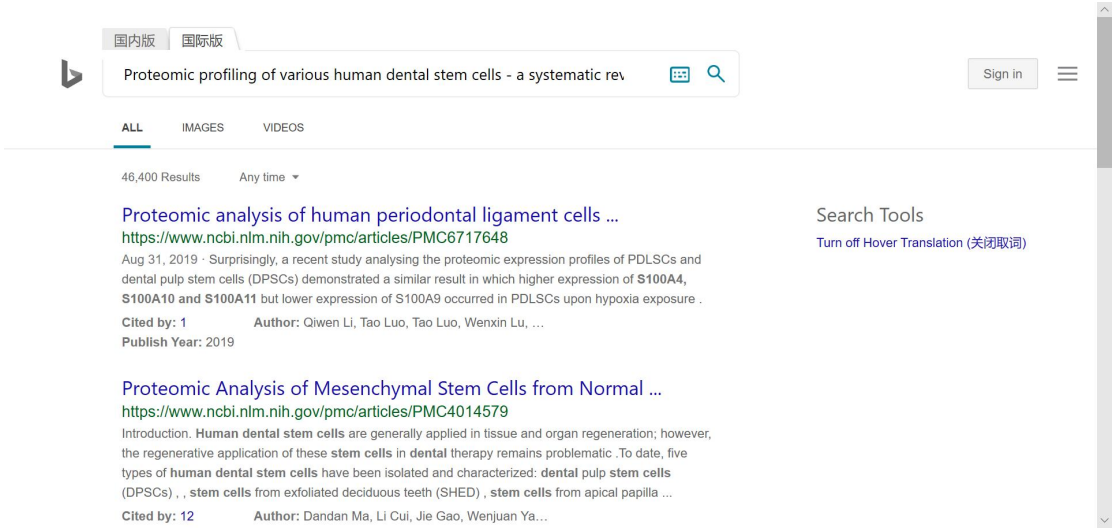
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Cited by: 1
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Proteomic Analysis of Mesenchymal Stem Cells from Normal ...
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Introduction. Human dental stem cells are generally applied in tissue and organ regeneration; however, the regenerative application of these stem cells in dental therapy remains problematic .To date, five types of human dental stem cells have been isolated and characterized: dental pulp stem cells (DPSCs) , , stem cells from exfoliated deciduous teeth (SHED) , stem cells from apical papilla ...
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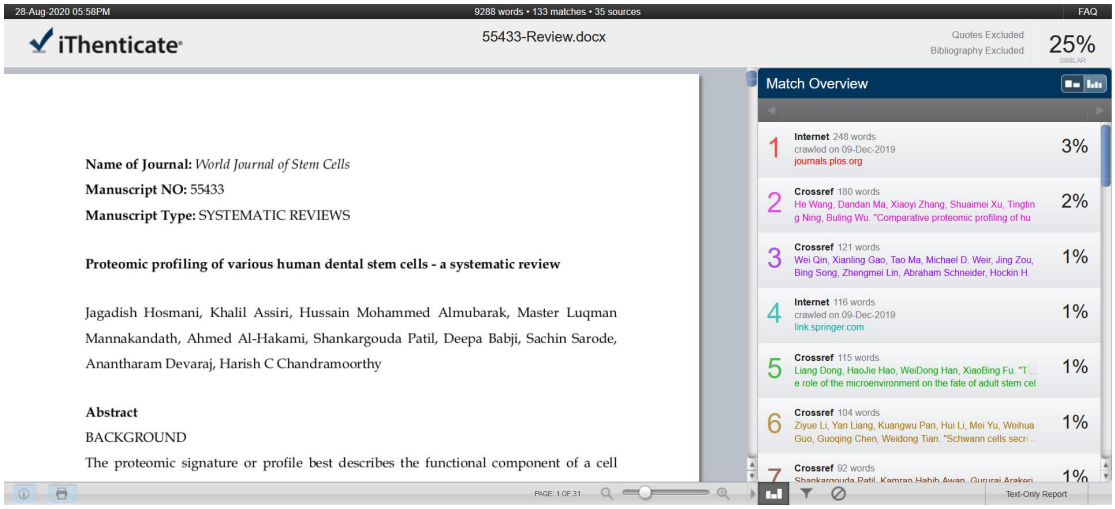

Name of Journal: *World Journal of Stem Cells*
Manuscript NO: 55433
Manuscript Type: SYSTEMATIC REVIEWS

Proteomic profiling of various human dental stem cells - a systematic review

Jagadish Hosmani, Khalil Assiri, Hussain Mohammed Almubarak, Master Luqman Mannakandath, Ahmed Al-Hakami, Shankargouda Patil, Deepa Babji, Sachin Sarode, Anantharam Devaraj, Harish C Chandramoorthy

Abstract
BACKGROUND
The proteomic signature or profile best describes the functional component of a cell

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Aug 31, 2019 · Surprisingly, a recent study analysing the proteomic expression profiles of PDLSCs and dental pulp stem cells (DPSCs) demonstrated a similar result in which higher expression of **S100A4, S100A10 and S100A11** but lower expression of S100A9 occurred in PDLSCs upon hypoxia exposure .

Cited by: 1 **Author:** Qiwen Li, Tao Luo, Tao Luo, Wenxin Lu, ...
Publish Year: 2019

Proteomic Analysis of Stromal Cells Derived from the ...

https://doi.org/10.1089/scd.2009.0315

In this study, for the first time, a **proteomic** map of abundantly expressed proteins in stromal **cells** derived from the **dental** pulp of **human** exfoliated deciduous teeth (SHED) was established. We also analyzed **proteomic** signatures of 2 clonal strains derived from SHEDs by single-**cell** cloning.

Comprehensive transcriptomic and proteomic ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4746666

Comprehensive transcriptomic and **proteomic characterization of human mesenchymal stem cells reveals** source specific **cellular markers** Anja M. Billing , 1 Hisham Ben **Hamidane** , 1 **Shaima** S. Dib , 1 Richard J. Cotton , 1 Aditya M. Bhagwat , 1 Pankaj Kumar , 1 Shahina Hayat , 1 Noha A. Yousri , 1 Neha Goswami , 1 Karsten Suhre , 1 Arash Rafii , 1 and Johannes Graumann a, 1

Cited by: 63 **Author:** Anja M. Billing, Hisham Ben Hamidane, ...
Publish Year: 2016

Unveiling diversity of stem cells in dental pulp and ...

https://link.springer.com/10.1007/s00441-020-03271-0

Aug 17, 2020 · The **dental** pulp, a non-mineralized connective tissue uniquely encased within the cavity of the tooth, provides a niche for diverse arrays of **dental** mesenchymal **stem cells**. **Stem cells** in the **dental** pulp, including **dental** pulp **stem cells** (DPSCs), **stem cells** from **human**