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(54) **AN ISOLATED MULTIPOTENT MESENCHYMAL STEM CELL FROM HUMAN ADULT GLOMERULI (HGL-MSC), A METHOD OF PREPARING THEREOF AND USES THEREOF IN THE REGENERATIVE MEDICINE OF THE KIDNEY**

ISOLIERTE MULTIPOTENTE MESENCHYMSTAMMZELLE AUS HUMANEN ADULTEN GLOMERULI (HGL-MSC), VERFAHREN ZU DEREN HERSTELLUNG UND DEREN ANWENDUNGEN IN DER MEDIZIN ZUR NIERENREGENERATION

CELLULE SOUCHE DE TYPE STROMALE MULTIPOTENTE ISOLÉE DE GLOMÉRULES HUMAINS ADULTES (HGL-MSC), SON PROCÉDÉ DE PRÉPARATION ET SES UTILISATIONS EN MÉDECINE RÉGÉNÉRATIVE DU REIN

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(56) References cited:  
**WO-A-2007/125088 WO-A-2008/045498**

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- **SCHWAB K E ET AL: "Co-expression of two perivascular cell markers isolates mesenchymal stem-like cells from human endometrium" HUMAN REPRODUCTION (OXFORD), vol. 22, no. 11, November 2007 (2007-11), pages 2903-2911, XP002512778 ISSN: 0268-1161**
- **LONDOLFO DA SILVA MEIRELLES ET AL: "Mesenchymal stem cells reside in virtually all post-natal organs and tissues" JOURNAL OF CELL SCIENCE, CAMBRIDGE UNIVERSITY PRESS, LONDON, GB, vol. 119, no. 11, 1 June 2006 (2006-06-01), pages 2204-2213, XP002488374 ISSN: 0021-9533**

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- **SAGRINATI C ET AL: "Isolation and characterization of multipotent progenitor cells from the Bowman's capsule of adult human kidneys" JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY, WILLIAMS AND WILKINS, BALTIMORE, MD, US, vol. 17, no. 9, 1 September 2006 (2006-09-01), pages 2443-2456, XP002454240 ISSN: 1046-6673**
- **BRUNO STEFANIA ET AL: "Isolation and characterization of resident mesenchymal stem cells in human glomeruli." STEM CELLS AND DEVELOPMENT 2009 JUL-AUG, vol. 18, no. 6, July 2009 (2009-07), pages 867-880, XP002567261 ISSN: 1557-8534**
- **PERRY JULIE ET AL: "Type IV collagen induces podocytic features in bone marrow stromal stem cells in vitro", JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY, vol. 17, no. 1, January 2006 (2006-01), pages 66-76, ISSN: 1046-6673**