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4 Macrophage populations and self-renewal: Changing the paradigm

5 Short title: macrophage self-renewal

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8 Rym Belhareth, Jean-Louis Mège

10 **Abstract**

11 The origin of macrophages has been considered since several decades to be a

12 continuum from bone marrow to tissue via monocytes as precursors. The

13 development of new tools such as genetic lineage tracing, parabiosis and bone

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The heterogeneity of lung macrophages in the susceptibility ...

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作者: L Morales-Nebreda - 2015

Recently, several investigative teams have challenged this **paradigm**. ... maintained via self-renewal, without replenishment from circulation bone marrow as a homogeneous cell