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ACCEPTED ABSTRACTS

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## Visualizing distinguished stem cell researches on a visual landscape during past five years

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**Introduction:** Nowadays the evaluation, assessment and analysis of scientific outputs of universities, scientific centers and scientific publications are considered necessary through bibliometrics and scientometrics. In this regards the evaluation of scientific documents in the field of stem cells in national and international journals indexed in the web of science (ISI) database is no exception. Therefore, publishing articles in high-quality journals with more collaboration with the other

scientists all around the world are highly recommended to authors due to more turnovers and maximizing the effectiveness of scientific production. This paper studied journal of “Cell” outputs as a sample of high-quality and efficiency scientific journal in the field of stem cells during 2013 till the end of 2017 to show the trends of stem cell researches, to investigate some network and links of “academic communications”. This study is expected to give insights of how distinguished researchers in the field of stem cells thought during past five years and may unearth some absorbing features and landscape by constructing and displaying large bibliometric maps and graphical representation.

**Methods:** In this research, data and outputs of the Journal of Cell were collected from the WoS

database using the scientometric methods. Data visualization was done by using VOS viewer software which is a computer program for creating maps based directly on the network, bibliographic data and data text which can be visualizing and exploring these maps. The present evaluation method is called scientometrics which is used by researchers in the field of future studies or information sciences. A total of 3102 documents was extracted from the web of science database and analyzed. Original articles, review papers and editorial materials were considered for analyzing. This publication was identified with the keywords: “Cell” in publication name item and we chose 2013 till 2017 for analyzing.

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