

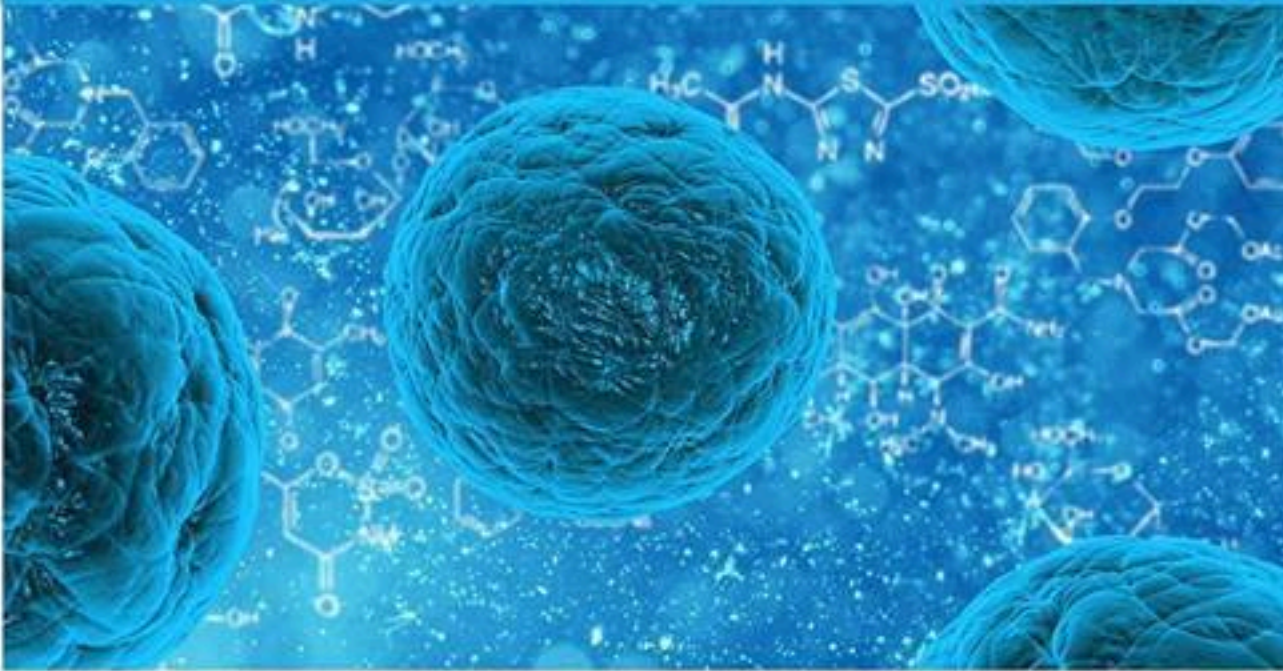


# 10<sup>th</sup> Stem Cell Training Course

Place: MERC, Mansoura Faculty of Medicine

Include: 9 hours Theoretical & 15 hours Practical Course

## Stem Cells: Plenty of Hope, but Halting progress



4,5,6  
October  
2015



### The Practical course Contains:

- Isolation of Bone Marrow derived Mesenchymal Stem Cells.
- Isolation of Hematopoietic Stem Cells CD34(+), CD45(+) from peripheral blood & cord blood.
- Methods of Characterizing Stem Cells:
  - 1- Adhesion to plastic Surfaces.
  - 2- Colony Forming Unit (CFU).
  - 3- Differentiation Potential.
  - 4- Flowcytometry analysis.
  - 5- Molecular Level.
  - 6- Immunohistochemistry.
- Isolation of Adipose Tissue derived Stem Cells.
- Cryopreservation, Trypsinization, count and contamination.
- How to inject your cells (IV, IM, IP)



SC Specialist /  
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Course Coordinator

Prof/  
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- شهادة معتمدة من كلية الطب جامعة المنصورة  
- تدريب وادوات خاصة بكل متدرب  
- الحجز باسبقية الدفع

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