

Short CV

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| Name: | Ayat Salaheldin Mohamed Hassan | Photo |
| Date of Birth: | 30/11/1979 | |
| Last University Degree – Faculty - University – Country - Graduation Date | M. D. in clinical pathology, Kasralaini school of medicine, 2016 | |
| Affiliation: | Department of Electron Microscopy Research, Theodor Bilharz Research Institute | |
| Current Position: | Researcher of clinical pathology (Hematology) | |
| Contact information: | E-mail: dravatsalah@yahoo.com a.salah@tbri.gov.eg Tel.: +201005164954 | |
| Experience and Research interest: | <p>* Participating and supervising of routine laboratory work in the Electron Microscopy Department at Theodor Bilharz Research Institute, The researches in electron microscopy department include pathological, hematological, immunological, microbiological researches.</p> <p>* Have been a quality assurance representative for electron microscopy department from 2007 until 2016.</p> <p>*Experience in blood banking and transfusion medicine and other hematology lab work.</p> <p>* Experience in research work on stem cells (Isolation and flow-cytometric analysis, culture techniques, Nanoparticle labeling of MSCs).</p> <p>* Mastering immunohistochemistry, molecular techniques (PCR) on tissue and blood samples.</p> <p>* Had an experience in experimental animal work.</p> <p>* participated and worked as co- principal investigator in six research projects funded by TBRI.</p> | |
| Best Five Relevant Publications | | |
| <ul style="list-style-type: none"> • Ghanem LY, Mansour IM, Abulata N, Akl MM, Demerdash ZA, El Baz HG, Mahmoud SS, Mohamed SH, Mahmoud FS, Hassan ASM (2019). Liver Macrophage Depletion Ameliorates The Effect of Mesenchymal Stem Cell Transplantation in a Murine Model of Injured Liver. Sci Rep. 10; 9(1):35. doi: 10.1038/s41598-018-37184-4. • Lobna Y Ghanem 1, Mona Mf Nosseir, Abeya A Lotfi, Ayat S Mohamed, Refaat A Ibrahim, Moutaz H Hassanein, Eman Mansour, Manal M Makhlof, Yasser M | | |

Fouad, Hisham R El-Khayat (2012). Hematopoietic stem cell mobilization into the peripheral circulation in patients with chronic liver diseases. *Journal of Digestive Diseases*. 13, 571–578.

Other information:

- Certified from the Egyptian fellowship for transfusion medicine and blood banking (2019).
- A member of the following scientific societies:
 - **Egyptian Society of Haematology(ESH)* .
 - **Egyptian society of laboratory medicine ESLM*.
 - * *Egyptian Society of transfusion medicine*.
 - * *Egyptian Society of Electron Microscopy*.
- Supervision on master and MD thesis ()