Marwa Mohamed El Sayed, PhD.
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Profile

Experienced lecturer with a demonstrated history of working in the higher education. Skilled in Pharmaceutics, Clinical Research, Life Sciences, Science, nanotechnology and polymeric nanocapsules. Strong education professional graduated from faculty of pharmacy , Minia University. Researcher at institute of health biomedical science, Tokushima University, Tokushima, Japan.

Education

Ph.D. degree in Pharmaceutical sciences, Pharmaceutics (2020)
Master's degree in Pharmaceutical sciences, Pharmaceutics (2016)
Bachelor's degree in Pharmacy, Pharmaceutics (2010)

Work Experience

Current position Faculty of Pharmacy, Minia, Japan 2022-Present

Previous Positions

- **Researcher**, Faculty of pharmaceutical sciences, Tokushima University, Japan 2018-2020
- **Lecturer Assistant**, Faculty of pharmacy, Minia University, Egypt 2016-2018
- **Demonstrator**, Faculty of pharmacy, Minia University, Egypt 2010-2016

Teaching and Education Experience

- Participating in teaching of pharmaceutics, clinical pharmacy, pharmacokinetics, OTC and physical pharmacy for undergraduate students.

Research and laboratory Skills

- Preparation of nanoparticles, nanocapsules, liposomes and Niosomes.
- Effective use of UV-Vis. spectrophotometer, nanoassembler, flowcytometry, Zetasizer, plate readers, tissue slices and imaging, fluorescence microscopy, ELISA techniques, Immunohistochemistry analysis, and other laboratory equipment.
- Animal handling, IV injection via tail vein, IP injection, PO, IVC blood collection, all tissues collection, blood perfusion, bone marrow collection, peritoneal lavage separation, immunization, and splenectomy.
- Cell culture, single cell suspension preparation, and cell collection.

Publications

- "Hepatosplenic phagocytic cells indirectly contribute to anti-PEG IgM production in the accelerated blood clearance (ABC) phenomenon against PEGylated liposomes:

Appearance of an unexplained mechanism in the ABC phenomenon." Journal of Controlled Release 323 (2020): 102-109. (cited)

- "A mouse model for studying the effect of blood anti-PEG IgMs levels on the in vivo fate of PEGylated liposomes." International Journal of Pharmaceutics 615 (2022): 121539.
- "PEGylated liposomes: immunological responses." Science and Technology of Advanced Materials 20.1 (2019): 710-724. (cited)
- "Liposomes and PEGylated liposomes as drug delivery system." Journal of advanced Biomedical and Pharmaceutical Sciences 3.2 (2020): 80-88.

Language and Computer Skills

- **Languages**: Arabic (Mother tongue)
  English (very good)

- **Computer skills:**
  Excellent command in Microsoft windows.
  Microsoft office applications (Word, PowerPoint, Excel).
  Endnote (X9)
  Other software and tools (under windows).

References

1. **Prof. Dr.: Hatem A. Sarhan, PhD.**
   Professor, Pharmaceutics department, Faculty of pharmacy, Minia University, Egypt.
   Tel.: 002 086 2347759
   E-mail: ha_sarhan@yahoo.com

2. **Prof. Dr.: Fatma M. Mady, Ph.D.**
   Professor, Pharmaceutics department, Faculty of pharmacy, Minia University, Egypt.
   Tel.: 002 086 2347759
   E-mail: Fatmamady@hotmail