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Biographical sketch
(Academic Degrees –
Fellowships and
Associations)

Born in Taipei, Taiwan, Dr. Ming Ming Wen has obtained her B.S. in Pharmacy from Taipei Medical University in Taiwan. She continued a graduate study in Master Degree in Health Administration from Indiana University, Indiana, USA. Then she received her 2nd Master Degree in Clinical Pharmacy from St. Johns University, New York, USA. After coming to Egypt, Dr. Ming Ming Wen received a Ph.D. Degree in Pharmaceutics from University of Alexandria in Egypt. Her passion on the diversity of pharmacy profession lends her a position of post-doctor training in Bioinformatics in National Beijing Genomic Research Institute in Beijing, China. She is currently serving as a faculty member in the Dept. of Pharmaceutics, Faculty of Pharmacy at Pharos University in Alexandria, Egypt. She is also the manager of Clinical Pharmacy & Pharmacy Practice Unit and the director of pharmacy student summer field training.

Dr. Ming Ming Wen has published numerous research articles in peer-reviewed journals and given oral presentations in conferences since holding the academic post at PUA. She is also an instructor in Education Development Center, Pharos University since 2012. Besides participating in several researches in drug delivery systems, Dr. Wen is also engaging research in pharmacy practice projects. While active on duty teaching, she continues to participate in various workshops and conferences in the pharmacy practice and pharmaceutical sciences. She is also invited as a peer-reviewer for several professional journals.

Dr. Ming Ming Wen particularly enjoys teaching future pharmacists with various methodologies. She has devoted much of her time to improving various teaching methodologies to incorporate active learning and computer-based learning in the classroom and the lab. In the past, she was actively involved in several student activities and community services with pharmacy student organizations.

	<p>She is a member of American Association of Pharmaceutical Scientists (AAPS) and an alumini in College of Pharmacy, Taipei Medical University.</p>
<p>Publications</p>	<ul style="list-style-type: none"> • Rana Reda, Ming Ming Wen, Amal ElKamel. Electrospun ketoprofen buccal nanofiber for pain and inflammation management in oral mucositis. (In submission) • Noha Ismail, Ming Ming Wen, Maha Nasra, Amal H. El-Kamel. New potential to deliver ibuprofen for Alzheimer's disease - intranasal microemulsion formulation, critical assessment and in vivo evaluation. (In submission) • Ming Ming Wen, Noha S. El-Salamouni, Wessam M. El-Refaie, Heba A. Hazzah, Mai M. Ali, Giovanni Tosi, Ragwa M. Farid, Maria J. Blanco-Prieto, Nashiru Billa, Amira S. Hanafy. Nanotechnology-based drug delivery systems for Alzheimer's disease management: Technical, industrial, and clinical challenges. <i>Journal of Controlled Release</i>, 2016 November. (In press) • Ming Ming Wen. Getting miRNA Therapeutics into the Target Cells for Neurodegenerative Diseases: A Mini-Review. <i>Frontiers in Molecular Neuroscience</i>, November 22, 2016. (DOI:10.3389/fnmol.2016.00129) • Ming Ming Wen, Heba Aref, Ahmed Abozeid, Nahla Khandil, Yasmin ElSobky. Quality evaluation and survey of drug information centers in Alexandria, Egypt. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016; 8(11):137-143. • Ragwa M. Farid, Ming Ming Wen. Promote Recurrent Aphthous Ulcer Healing With Low Dose Prednisolone Bilayer Mucoadhesive Buccal Film. <i>Current Drug Delivery</i>, 2016; 13(8) (DOI: 10.2174/1567201813666160316122548). • Ming Ming Wen, Karim Khairy Hanna. Assessment of the role of community pharmacists on treatment and counseling of hypertension, asthma, diabetes and hyperlipidemia in Alexandria, Egypt (Poster). The 21st Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT). Dubai, UAE. March 15-17 2016. • Noha Ismail, Ming Ming Wen, Maha Nasra, Amal H. El-Kamel. Formulation, characterization and in-vivo evaluation of Ibuprofen microemulsion for brain targeting (Poster). First PUA International Conference on Advances in Pharmaceutical Sciences, Pharos University, Alexandria, 27-29 October 2015. • Ragwa M. Farid, Ming Ming Wen. In Vitro, In Vivo and Clinical Assessment of Mucoadhesive Bilayer Patches for the Treatment of Recurrent Aphthous Stomatitis (Poster). 3rd FUE International Conference of Pharmaceutical Sciences, Cairo, February 9-11 2015. • Ming Ming Wen, Heba Aref, Nahla Kandil, Ahmad Abozaid. A descriptive survey study assessing the current status of drug information centers in Alexandria, Egypt (Poster). 3rd FUE International Conference of Pharmaceutical Sciences, Cairo, February 9-11 2015.

- Rana Reda, **Ming Ming Wen**, Amal H.El-Kamel. Electrospun ketoprofen nanofibers: a promising buccal drug delivery (Poster). 3rd FUE International Conference of Pharmaceutical Sciences, Cairo, February 9-11 2015.
- Noha Ismaila, **Ming Ming Wen**, Maha Nasrab, Amal H. El-Kamel. Development of oil-in water Ibuprofen microemulsion for brain targeting (Poster). 3rd FUE International Conference of Pharmaceutical Sciences, Cairo, February 9-11 2015.
- **Ming Ming Wen**, Ragwa M. Farid, and Abeer A. Kassem. Nano-proniosomes enhancing the transdermal delivery of mefenamic acid. *J Liposome Res*, 2014; 24(4): 280–289.
- Salma E El-Habashy, Alaa M Nazie, Chris E Adkins, **Ming Ming Wen**, Amal H El-Kamel, Ahmed M Hamdan, Amira S Hanafy, Tori O Terrell, Afroz S Mohammad, Paul R Lockman, Mohamed Ismail Nounou. Novel treatment strategies for brain tumors and metastases, *Pharm, Pat. Anal.* 2014, 3(3), 279-296.
- **Ming Ming Wen**, Ragwa M. Farid, and Abeer A. Kassem. Proniosomes as Nano Vesicular Carriers to Enhance the Transdermal Delivery of Mefenamic Acid (Poster). The 19th Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT). Dubai, UAE. March 10-12, 2014.
- Ahmad M. Abozaid, Passent M. Gaafar, Mohamed E. Amin, **Ming Ming Wen**. Pharmacy students' attitudes to an adapted US-based pharmacy practice counseling framework (Poster). Ain Shams University Conference on the new trends in drug discovery, development and pharmacy practice. Cairo, Egypt. October 14-16 2014.
- **Ming Ming Wen**, Ragwa M. Farid, Abeer A. Kassem. In vitro and In vivo investigation of mefenamic acid proniosome gels for transdermal delivery (Poster). The 14th Arab International Conference of Materials Science- Materials for Biomedical Application. Alexandria, Egypt. December 1-3, 2013.
- **Wen MM**. Advances and challenges in the dosage form design for the treatment of Parkinson's disease. *Discov Med* 14(79):369-377, 2012.
- **Wen MM**, El-Kamel AH, Khalil SA. Systemic enhancement of papaverine transdermal gel for erectile dysfunction. *Drug Dev Ind Pharm* (1)1-11, 2011.
- **Wen MM**. Olfactory targeting through intranasal delivery of biopharmaceutical drugs to the brain: current development. *Discov Med* 11(61):497-503, 2011. •
- **MM Wen**, AH E-Kamel, SA Khalil. The effects of solvents and penetration enhancers on the Transdermal delivery of papaverine HCl (Poster). First International Conference on Recent Advances in Pharmaceutical Research and Technology. Beirut Arab University, Lebanon. May 6-7, 2010.
- **MM Wen**, AH E-Kamel, SA Khalil. Preparation and evaluation of papaverine Transdermal gel for erectile dysfunction (Poster). First International Conference on

	Recent Advances in Pharmaceutical Research and Technology. Beirut Arab University, Lebanon. May 6-7, 2010.
Academic Research Interests:	<ul style="list-style-type: none">• Targeted drug delivery• Nano-carriers in formulation development• Pharmacy practice in improving patient care