Curriculum Vitae Highlights

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Education

- Ph.D. in Pharmacology (1995). Alexandria University, Egypt & Florida A&M University, **USA** (Joint Supervision).
- MSc. in Pharmacology (1990). Alexandria University, **Egypt**.
- B. Pharm. Sci. (1983), Distinction Honor, Faculty of Pharmacy, Alexandria University, **Egypt**.

Academic Employment (Teaching & Research)

- 04/25-present: Emeritus Prof. of Pharmacology, Faculty of Pharmacy, Alexandria University, **Egypt**
- 08/03-04/25: Lecturer of Pharmacology & Toxicology, Oman College of Health Sciences, Muscat, **Oman**.
- 07/02-06/03: Research Scholar, Emory University School of Medicine, Atlanta, GA, **USA**
- 12/01-6/02: Research Fellow, Faculty of Pharmacy, University of Texas at Austin, TX **USA**.
- 06/01-10/01: Visiting Scientist, National Institute of Neuroscience, Tokyo, **Japan**.
- 10/00-06/01: Assoc. Prof. of Pharmacology, Faculty of Pharmacy, Alexandria University, **Egypt**
- 07/00-09/00: Visiting Scientist, National Institute of Neuroscience, Tokyo, **Japan**.
- 01/00- 07/00: Assistant Prof. of Pharmacology, Faculty of Pharmacy, Alexandria University, **Egypt**.
- 10/99-12/99: Science and Technology Agency (STA) Awardee, National Institute of Neuroscience, Tokyo, **Japan**.
- 04/97-04/99: Post-doctoral research fellow, National Institute of Neuroscience, Tokyo, **Japan**.
- 10/95-03/97: Lecturer of Pharmacology, Faculty of Pharmacy, Alexandria University, **Egypt**.
- 05/93-05/95: Ph.D. Student, College of Pharmacy, Florida A&M University, Florida, **USA**.
- 01/90-05/93: Assistant lecturer of Pharmacology, Faculty of Pharmacy, Alexandria University, **Egypt**.
- 01/85-01/90: Instructor of Pharmacology, Faculty of Pharmacy, Alexandria University, **Egypt**.

Awards and Honors

- University of Alexandria award for Scientific Encouragement (1999).
- Japanese Science and Technology Agency (STA) Fellowship award (1999).
- University of Alexandria Students Union's award for Scientific Distinction (1983).
- Egyptian Pharmaceutical Companies' Award for top rank graduates in Pharmaceutical Sciences (1983).

Scientific Meetings Attended

- Oman International Pharmacy Congress & Exhibition (OIPCEX), January, 2024, Muscat, **Oman**.
- Pharmaceutical Care Conference, 2014-2018, Muscat, **Oman**.
- Experimental Biology Meeting, April 11-15, 2003, San Diego, CA, **USA**
- Society for Neuroscience 32nd Annual Meeting, November 2-7, 2002, Orlando, FL, **USA**.
- Japanese Society for Neurochemistry 44th Meeting, September 26-28, 2001, Kyoto, **Japan**.
- Japanese Society for Neurochemistry 41st Meeting, September 21-23, 1998, Tokyo, **Japan**.
- Japanese Pharmacological Society 71st Meeting, March 23-26, 1998, Kyoto, **Japan**.
- Japanese Society for Neurochemistry 40th Meeting, October 22-24, 1997, Matsuyama, **Japan**.
- Experimental Biology Meeting (FASEB), April 13-17, 1996, Washington D.C., **USA**.
- Experimental Biology Meeting (FASEB), April 9-13, 1995, Atlanta, GA, **USA**.
- Experimental Biology Meeting (FASEB), April 24-28, 1994, Anaheim, CA, **USA**.

Publications

- **Elwan MA** & Sakuragawa N: Uptake and decarboxylation of L-3,4-dihydroxyphenylalanine in cultured monkey placenta amniotic epithelial cells. *Placenta*, 28(2-3):245-248 (2007).
- **Elwan MA**, Richardson JR, Guillot TS, Caudle WM & Miller GW: Pyrethroid pesticide-induced alterations in dopamine transporter function. *Toxicol Appl Pharmacol*, 211(3):188-197 (2005).
- **Elwan MA**, Ishii T & Sakuragawa N: Evidence of dopamine D1 receptor mRNA and binding sites in cultured human amniotic epithelial cells. *Neurosci. Lett* 344:157-160 (2003).
- **Elwan MA**, Ishii T & Sakuragawa N: Characterization of dopamine D2 receptor gene expression and binding sites in human placenta amniotic epithelial cells. *Placenta* 24:658-663 (2003).
- **Elwan MA**, Ishii T & Sakuragawa N: Characterization of the dopamine transporter gene expression and binding sites in cultured human amniotic epithelial cells. *Neurosci Lett* 342:61-64 (2003).
- Metzger RR, Brown JM, Sandoval V, Rau KS, **Elwan MA**, Miller GW, Hanson GR & Fleckenstein AE: Inhibitory effect of reserpine on dopamine transporter function. *Eur J Pharmacol* 456:39-43 (2002).
- **Elwan MA** & Sakuragawa N: Uptake of dopamine by cultured monkey amniotic epithelial cells. *Eur J Pharmacol* 435:205-208 (2002).

- Sakuragawa N, **Elwan MA**, Uchida S, Fujii T & Kawashima K: Non-neuronal neurotransmitters and neurotrophic factors in amniotic epithelial cells: expression and function in humans and monkey. *Jpn J Pharmacol* 85:20-23 (2001).
- Kakishita K, **Elwan MA**, Nakao N, Itakura T & Sakuragawa N: Human amniotic epithelial cells produce dopamine an survive after implantation into the striatum of a rat model of Parkinson's disease: A potential source of donor for transplantation therapy. *Exp Neurol* 165:27-34 (2000).
- **Elwan MA** & Sakuragawa N: Characterization of [3H]mazindol binding sites in cultured monkey amniotic epithelial cells. *Neurosci Lett* 279:37-40 (2000).
- Sakuragawa N, **Elwan MA**, Fujii T & Kawashima K: Possible dynamic neurotransmitter metabolism surrounding the fetus. *J Child Neurol* 14:265-266 (1999).
- **Elwan MA**, Ishii T & Sakuragawa N: detection of dopamine D2 receptor mRNA and binding sites in monkey amniotic epithelial cells. *J Neurosci Res* 56:316-322 (1999).
- **Elwan MA**, Ishii T, Ono F & Sakuragawa N: Evidence for the presence of dopamine D1 receptor mRNA and binding sites in monkey amniotic epithelial cells. Neurosci Lett 262:9-12 (1999).
- **Elwan MA**: Synthesis of dopamine from L-3,4-dihydroxyphenylalanine by human amniotic epithelial cells. *Eur J Pharmacol* 254: R1-R2 (1998).
- **Elwan MA**, Thangavel R, Ono F & Sakuragawa N: Synthesis and release of catecholamines by cultured monkey amniotic epithelial cells. J Neurosci Res 53:107-113 (1998).
- **Elwan MA** & Sakuragawa N: Evidence for synthesis and release of catecholamines by human amniotic epithelial cells. *NeuroReport* 8:3435-3438 (1997).
- Sakuragawa N, Misawa H, Ohsugi K, Kakishita K, Ishii T, Thangavel R, Tohyama J, **Elwan MA**, Yokoyama Y, Okuda O, Arai H, Ogino I & Sato K: Evidence for active acetylcholine metabolism in human amniotic epithelial cells: applicable to intracerebral allografting for neurologic disease. *Neurosci Lett* 232:53-56 (1997).
- **Elwan MA**, Soliman MRI, Ghazal AM & Sharabi FM: Modulation of parasympathetic transmission by dopaminergic agents in the field-stimulated guinea pig isolated ileum. *Alex J Pharm Sci* 10:196-173 (1996).
- **Elwan MA** & Soliman MRI: Changes in methionine-enkephalin levels in specific rat brain regions following repeated treatment with selective dopaminergic agonists and antagonists. *Life Sci* 58:37-45 (1996).
- **Elwan MA** & Soliman MRI: Alteration of D1 and D2 dopaminergic receptor kinetics in specific rat brain regions following repeated administration of opiates. *Pharmacology* 51:73-83 (1995).

References: Available upon request.