

CURRICULUM VITAE

NAME

SUHEIL MISBAH ZMEILI

SEX

Male

NATIONALITY

Jordanian

DATE OF BIRTH

November 22nd, 1953

PLACE OF BIRTH

Amman - Jordan

MARITAL STATUS

Married with 6 children

MAILING ADDRESS

Pharmacology Department

Faculty of Medicine

University of Jordan

Queen Rania Street, Amman 11942, Jordan

Tel: Work, 5355000/23455; 23469 .

Home, 5627071

Mobile, 0777490834

Fax.: (962-6) 535-5500

Email : szmeili@ju.edu.jo

suheilzmeili@yahoo.com

EDUCATION

- * M.B., B.S. in General Medicine & Surgery, May 1979. Faculty of Medicine, University of Jordan.

- * Internship, June 1979-June 1980 Jordan
University Hospital
Amman - Jordan.

- * Lecturer, Sept. 1980-Sept. 1981, Department of Pharmacology, Faculty of Medicine, University of Jordan, Amman-Jordan.

- * Graduate student, Sept. 1981-Oct. 1985,
The University of Michigan, Pharmacology Department,
Medical School, Ann Arbor, MI 48109.
 - * Teaching Assistant, Pharmacology
Department, 1983-1984.
The University of Michigan.
Dental school, Ann Arbor, MI 48109.
 - * Ph.D., in Pharmacology, October 1985
The University of Michigan Pharmacology
Department, Medical School, Ann Arbor, MI 48109
Advisor: Dr. Thomas Landefeld, Ph.D.
- Thesis Title:** The Regulation of Luteinizing Hormone
Subunit Gene Expression in the Anterior Pituitary of the Rat.
- * Assistant Professor, 1986-1991 Department of
Pharmacology, Faculty of medicine, University of
Jordan, Amman-Jordan, Date of appointment: 9th. of Feb.
1986.
 - * Jordanian Board in Basic Medical Sciences(Pharmacology),
Jordan Medical council, Amman-Jordan, November 1996.
 - * Associate Professor, 1991- 1997 Department of
Pharmacology, Faculty of Medicine, University of Jordan,
Amman-Jordan.
 - * Associate Professor, 1993-1997 Department of Internal
Medicine, Joint Appointment, Jordan University Hospital
Amman - Jordan.
 - * Professor , 1998 – present Department of Internal Medicine,
Joint Appointment , Jordan University Hospital , Amman -
Jordan.

POSITIONS

- * Chairman of the Pharmacology Department, Feb.1992-Sept. 1993, Department of Pharmacology. Faculty of Medicine, University of Jordan, Amman-Jordan.

- * Chairman of the Pharmacology Department, Oct. 1998 - Oct. 1999, Department of Pharmacology. Faculty of Medicine, University of Jordan, Amman-Jordan.

PRESENT STATUS

- * Professor of Pharmacology , 1998 - present, Department of Pharmacology, Faculty of Medicine, University of Jordan, Amman-Jordan.

EXPERIENCE

- * Endocrine Pharmacology (Reproduction in rats).
- * DNA-RNA preparation
- * Molecular cloning
- * RNA-DNA hybridizations
- * Recombinant DNA techniques
- * Genetic engineering
- * Electrophoresis (nucleic acids & proteins).
- * Bioequivalence, Bioavailability and Drug Trial Studies.
- * Medicinal plants.
- * Toxicity studies

ACADEMIC ACTIVITIES

- * Teaching pharmacology courses to Medical, Dental, Pharmacy, Nursing and Medical technology students during academic years 1986 -present, University of Jordan, Faculty of Medicine, Amman-Jordan.

- * Teaching pharmacology courses to master students in pharmacology during academic years 2005 –present.

- * Conducting research in the fields of reproduction, basic pharmacology, bioequivalence studies, drug clinical trials, medicinal plants.....etc.
- * Publishing books in the field of Pharmacology.
- * Sabbatical leave, Feb. 1995-Feb. 1996 at the Applied Science University, Faculty of Pharmacy, Amman-Jordan.

Achievements:

- Member of the Faculty of Pharmacy Council.
- Member of the following committees:
 Special Accreditation
 Scientific and Research
 Students and Exam
 Social and Cultural
- Conducting the research "Acute Toxicity and Hypoglycemic Effect of Bauhinia variegata L. in rats"
- * Sabbatical leave, Sep. 1999-Sep. 2000 at the Jordan University of Science and Technology, Faculty of Medicine, Irbid-Jordan.

Achievements:

- Member of the library committee
- Member of the Faculty of the Medicine Staff and Students committee
- Writing a book "Endocrine Pharmacology" in Arabic
- * Sabbatical leave, Aug. 2007-Aug. 2008 at King Fahad Medical city, Ministry of Health, Faculty of Medicine, Riyadh-Saudi Arabia.

Achievements:

- Member of the Faculty of Medicine Council
- Teaching Pharmacology to 2nd, 3rd and 4th Medical Students
- Participation in PBL sessions (brainstorming and review) for most blocks given to 2nd, 3rd and 4th Medical Students
- Member of the committee interviewing new Medical Students
- Planner for the Urinary System Block.
- Co-planner for the Therapeutics II Block given to 4th year Medical Students
- Member of the planning committee for the Integrated Multi System Block given to 4th year Medical Students
- Writing a book "Pharmacology of the CNS" in Arabic

COMMITTEES

- * Member of the Jordan Medical Association, The Hashemite Kingdom of Jordan, 1979-present
- * Member of the Faculty of Medicine council, 1987- 1988, 1990-1991, 1992-1993 , 1998-1999, 2001-2002, 2006-2007 and 2009-2010
- * Member of the Scientific Research Committee of the Faculty of Medicine, Univ. of Jordan, 1989-1990, and 2000-2002
- * Member of the staff and student committee of the Faculty of Medicine, University of Jordan, 1987-1988; 1988-1989 and 1991-1993.
- * Member of the Faculty of Medicine staff subcommittee 1991.

- * Member of the University of Jordan Club, 1992-present.
- * Member of the drug committee, Ministry of Health, 1993-1997, Amman-Jordan.
- * Member of the drug committee, Jordan University Hospital, 1996-1998, 2003-2004.
- * Member of the antibiotics committee, Jordan University Hospital , 1996-1998.
- * Member of the University and Community committee, University of Jordan, 1996-1997.
- * Member of the Scientific Research Committee of the Faculty of Medicine, Univ. of Jordan,2000- 2002 .
- * Member of the Drug Studies Committee, Ministry of Health , 2003- 2004 , Amman- Jordan .
- * Chairman, genitourinary system curriculum committee, Faculty of Medicine, University of Jordan, 2003-2004.
- * Member of the University of Jordan graduates, staff and community committee, Faculty of Medicine, University of Jordan, 2003-2004.
- * Member of the Pharm. D accreditation committee, University of Jordan, 2004.
- * Member of the higher committee, JFDA, Jordan Food and Drug Administration, 2004-2006.
- * Member of the Faculty of Medicine Library Committee, 1908-2013
- * Member of the Pharmacology Department Graduate Students committee, Faculty of Medicine, University of Jordan 2004-present.
- * Member of the Student interrogation committee, Faculty of
of

Medicine, University of Jordan, 2016-2017

WORKSHOPS

- * Workshop on Design and Use of Transparencies and Slides. (1986) Center for Educational Development for Health Personnel, The University of Jordan, Amman-Jordan. 18th. - 25th. of March 1986.
- * Workshop on Examination Item analysis. (1987). Center for Educational Development for Health Personnel. the University of Jordan, Amman-Jordan. 23rd - 25th. of May 1987.
- * Workshop on Educational planning (1990). Center for Educational Development for Health Personnel. The University of Jordan, Amman-Jordan 3rd - 23rd. of Feb.1990.
- * Sub-regional Workshop on the Introduction of Essential Drugs into University Curricula. (1992). Sponsored by WHO. Beirut-Lebanon, 18th. - 20th. of October 1992.
- * Workshop on Problem-Solving for Better Health. (1993). Sponsored by the Health Foundation. Amman-Jordan, Center for Educational Development for Health Personnel, 18th.-20th. of September 1993.
- * Workshop on transforming grading system at the University of Jordan from numbers to letters. Center for Educational Development for Health Personnel, 2nd. of March 1996.
- * Workshop on problem-Based Learning (PBL) from design to practice, Faculty of Medicine, University of Jordan, Amman-Jordan. Center for Educational Development for Health Personnel, 26th to 27th of April 2011.

PUBLICATIONS

I. Abstracts:

1. **Zmeili, S.M.**, Keba, G., and Landefeld, T. (1983) Molecular Cloning of cDNA of Rat LH and FSH mRNA. The 11th Annual Pharmacology Research Colloquium, Ann Arbor, MI, June 1983, p.IV-6.
2. **Zmeili, S.**, Papavasiliou, S., and Landefeld, T. (1984) A comparison of two Methods for mRNA Quantitation in the Anterior Pituitary. The 12th Annual Pharmacology Research Colloquim, East Lansing, MI, June 1984, p. 17.
3. Papavasiliou, S.S., **Zmeili, S.**, Khoury, S., Hebron, L., Landefeld, T., Chin, W.W., and Marshall, J.C. (1985) GnRH Modulation of Alpha and Beta LH Gene Expression in male Rats. Clinical Research 33(2): 536A.
4. **Zmeili, S.**, Papavasiliou, S., Marshall, J., and Landefeld, T. (1985) An Improved Method for mRNA Quantitation Using the Dot Blot Assay. Symposium on Regulatory Factors in Development and Reproduction, Ann Arbor, MI, May 1985, p.6.
5. **Zmeili, S.** (1985) The Alpha and LH Beta subunit mRNAs are differentially Regulated by GnRH in the Rat. The 13th Annual Pharmacology Research Colloquium, Detroit, MI, June 1985, p. 24.
6. **Zmeili, S.**, Papavasiliou, S., Marshall J., and Landefeld, T. (1985) An Improved Method for mRNA Quantitation Using the Dot Blot Assay: Application to the Gonadectomized Rat Model. Proceedings of the 67th Annual Meeting of the Endocrine Society, Baltimore, MD, June 1985, P. 282.
7. **Zmeili, S.**, Papavasiliou, S., Marshall, J., and Landefeld, T. (1986) Alpha and LH-beta mRNAs are differentially regulated during the Proestrus LH Surge

of the Rat Estrous Cycle. Proceedings of the 68th Annual Meeting of the Endocrine Society, Anaheim, CA, June 1986, P. 39.

8. Haisenleder, D.J., Barkan, A.L., **Zmeili, S.M.**, Papavasiliou, S., Dee, C., Duncan, J.A., and Marshall, J.C. (1986) Alpha and LH Beta mRNAs During the LH Surge in Ovariectomized Estradiol Replaced Rats. Proceedings of the 68th Annual Meeting of the Endocrine Society, Anaheim, CA, June 1986, P. 149.
9. **Zmeili, S.M.** (1986) GnRH differentially regulates Alpha and LH Beta Subunit mRNAs in the Anterior Pituitary of the Rat. The Scientific Research Faculty of Medicine Day (6). The University of Jordan, Amman, Jordan. April 1986.
10. Haisenleder, D.J., Khoury, S., **Zmeili, S.M.**, Papavasiliou, S., Ortolani, G.A., Dee, C., Duncan, J.A., and Marshall, J.C. (1987) Regulation of Alpha and LH Beta subunit mRNA Concentrations by GnRH Pulse Frequency in male rats. *Clinical Research* 35(3): 584A.
11. **Zmeili, S.M.**, Salhab, A.S., and Daoud, Z.F. (1988) The Correlation between Cigarette Smoking and Diseases in Jordan. Proceedings of the National Jordanian Antismoking Society, Amman-Jordan. April 11-13.
12. **Zmeili, S.M.** (1992) Effects of aflatoxin B1 on serum and pituitary prolactin levels in male rats. The Scientific Research Faculty of Medicine Day (12). the University of Jordan, Amman-Jordan. April 1992.
13. Sallam, E., Deleq, S., Shubair, M., Arafat, T, Saket, M., **Zmeili, S.**, and Gharaibeh, M. (1992) Bioequivalency of Balkapofen SR tablets after

single and multiple dosing. The First European Congress of Pharmaceutical Sciences. October 7-9, Amsterdam, the Netherlands.

14. Sallam, E., Shubair, M., **Zmeili, S.**, Najib, N., and Hassan, M. (1993) A critical view on commercially available diclofenac sodium (DS) 50 mg tablets in Jordan. First International Middle East Conference on Pharmaceutical Sciences. The University of science and Technology, Faculty of Pharmacy, Irbid-Jordan, may 3-5, abstract No. 33.
15. Sallam, E., Deleq, S., Shubair, M., Najib., N., Hassan, M., Arafat, T., and **Zmeili, S.** (1993) Design of Diclofenac Sodium sustained release tablets: In vitro and vivo studies. First International Middle East Conference on Pharmaceutical Sciences. The Jordan University of Science and Technology, Faculty of Pharmacy, Irbid-Jordan, May 3-5, Abstract no. 51.
16. Al-Shami, M., Arafat, T., Badwan, A., **Zmeili, S.**, and Kaddoumi, A. (1993) Pharmacokinetics of the H₂-antagonist ranitidine HCl in a number of commercially available forms in the Jordanian market. First International Middle East Conference on Pharmaceutical Sciences. The Jordan University of Science and Technology, Faculty of Pharmacy, Irbid-Jordan, May 3-5, abstract No. 106.
17. Doud, Z.F., **Zmeili, S.M.**, and Salhab, A.S. (1993) Cigarette Smoking and Diseases in Jordanian Patients. The First Panarab Conference of Thoracic Medicine and Surgery. The University of Jordan Faculty of Medicine, Amman-Jordan, September 7-9, Abstract No. 42.
18. Saket, M., **Zmeili, S.**, and Gharaibeh, M. (1994) Design and Developemnt of Ibuprofen Sustained

release Tablets. The 13th. Pharmaceutical Technology Conference, April 12th.-13th. 1994, Strasbourg, France.

19. Gharaibeh, M., **Zmeili, S.**, Sallam, E., and Al-Deleq, S. Colonic absorption of sustained release Ibuprofen tablets. American College of Clinical Pharmacology. 23rd. Annual Meeting and 25th. Anniversary Celebration. October 6-8, 1994, Marriott Orlando World Center, Orlando, Florida U.S.A.
20. Sallam, E., Al-Deleq, S., Shubair, M., **Zmeili, S.**, Hassan, M., Najib, N., and Arafat, T. (1995) Design of diclofenac sodium 100mg sustained release tablets, in vitro and in vivo studies. First World Meeting on Pharmaceutics and Pharmaceutical Technology. Proc. 1st World Meeting APGI/APV, May 9- 11, 1995, Budapest.
21. Sallam, E., Al-Deleq, S., Shubair, M., **Zmeili, S.**, Hassan, M., and Najib, N. (1995) Dose strength bioavailability relationship of enteric coated SR diclofenac sodium tablets. Proceedings of the 22nd International Symposium on Controlled Release of Bioactive Materials. Symposium: July 30- August 2, 1995. Controlled Release Society, INC. Sheraton Towers, Seattle, Washington, U.S.

II. Papers:

1. Elayan, H.H., Salhab, A.S., and **Zmeili, S.M.** (1982) A study on Caffeine Consumption in Jordan. **Jordan Medical Journal** 16(2): 127-137.
2. Salhab, A., Elayan, H., and **Zmeili, S.** (1982) A Study on Smoking in Jordan. **Dirasat** IX(2): 257-268.
3. Papavasiliou, S.S., **Zmeili, S.**, Khoury, S., Landefeld,

T.D., Chin, W.W., and Marshall, J.C. (1986)
Gonadotropin Releasing Hormone Differentially
Regulates Expression of the Genes for Luteinizing
Hormone Alpha and Beta Subunits in Male Rats.
Proc. Nat. Acad. Sci. USA 83: 4026-4029.

4. Papavasiliou, S.S., **Zmeili, S.**, Herbon, L., Marshall,
J.C., and Landefeld, T.D. (1986) Alpha and
Luteinizing Hormone Beta Messenger
Ribonucleic Acid (RNA) of Male and Female Rats
After Castration: Quantitation Using an Optimized
RNA Dot Blot Hybridization
Assay. Endocrinology 119: 691-698.

Assay. Endocrinology

119: 691-698.

5. **Zmeili, S.M.** Papavasiliou, S.S., Thorner, M.O.,
Evans, W.S., Marshall, J.C., and Landefeld, T.D.
(1986) Alpha and Luteinizing Hormone Beta
Subunit Messenger Ribonucleic Acids During
the Rat Estrous Cycle. **Endocrinology** 119: 1867-

1869.

6. Haisenleder, D.J., Khoury, S., **Zmeili, S.M.**,
Papavasiliou, S., Ortolano, G.A., Dee, C.,
Duncan, J.A., and Marshall, J.C. (1987) The
Frequency of Gonadotropin-Releasing
Hormone Secretion Regulates Expression of
Alpha and LH Beta Subunit mRNAs in Male Rats.

Hormone

Alpha and LH Beta

Molecular

Endocrinology 1: 834-838.

7. Haisenleder, D.J., Barkan, A.L., Papavasiliou, S.,
Zmeili, S.M., Dee, C., Jammel, M.L., Ortolano, G.A.,
El-Gewely, MR., and Marshall, J.C. (1988) LH
Subunit mRNA Concentrations During LH surge in
Ovariectomized Estradiol-Replaced Rats.

**American
and**

**Journal of Physiology: Endocrinology
Metabolism** 254: E99-E103.

8. Elayan, H.H., Gharaibeh, M.N., **Zmeili, S.M.** and

- 234.
- Salhab, A.S. (1989) Effects of *Ecballium elatrium* Juice on Serum Bilirubin Concentration in Male Rats. **Int. J. of Crude Drug Res.** 27: 227-
9. Haisenleder, D.J., Ortolano, G.A., Landefeld, T.D., **Zmeili, S.M.**, and Marshall, J.C. (1989) Prolactin mRNA Concentration in 4 Day Cycling Rats and During the Prolactin Surge. **Endocrinology** 124: 2023-2028.
10. **Zmeili, S.M.**, and El-Khateeb, M.S. (1989) Effects of aflatoxin B1 on Serum and Pituitary Prolactin Levels in Male Rats. **Jordan Medical Journal** 23: 87-94.
11. Saket, M., Arafat, T., Awad, R., Ibrahim, H., Saleh, M., Sallam, E., Shubair, M., **Zmeili, S.**, and Gharaibeh, M. (1989) A Bioequivalence Study of Two Brands of Ranitidine Tablets. **Current Therapeutic Research** 46: 924-931.
12. Arafat, T., **Zmeili, S.**, Al-Qussuis, Y., Mouti, H., Judeh, S., and Shaheen, O. (1990) High Performance Liquid Chromatographic (HPLC) Determination of Nifedipine in Human Serum. **Dirasat** 17(3): 111-
- 121.
13. **Zmeili, S.M.**, and Khalili, F.I. (1990) Acute Toxicity of Dichloroglyoxime. **Dirasat** 17(4): 200-205.
14. Shaheen, O., **Zmeili, S.**, Al-Qussuis, Y., Arafat, T., and Mouti, H. (1991) Pharmacokinetics and Pharmacodynamics of two Commercial Oral Nifedipine Products. **International Journal of Clinical Pharmacology, Therapy and Toxicology** 29(9): 337-341.
15. Awad, R., Arafat, T., Saket, M., Saleh, M., Gharaibeh,

- M., Zmeili, S., Sallam, E., Shubair, M., and Qobrosi, S. (1992) A Bioequivalence Study of Two Products of Furosemide Tablets. *International Journal of Clinical Pharmacology, Therapy and Toxicology* 30(1): 18-23.**
16. **Zmeili, S.M., Daoud, Z.F., and Salhab, A.S., (1992) Cigarette Smoking and Diseases in Some Jordanian Patients. *Dirasat* 19B(3): 253-260.**
 17. Shaheen, O., Al-Athmeh, N., and **Zmeili, S.** (1992) *Pharmacology (A book in Arabic). Part one, First ed., Dar El-Feker Publishing Co., Amman-Jordan.*
 18. Saket, M., Qaisi, A., Abdel Razzak, M., Amro, B., Tutunji, M., Gharaibeh, M., **Zmeili, S.,** and Muti, H. (1993) A Bioequivalence Study of two Brands of Doxycycline capsules. ***Current Therapeutic Research* 54(1): 15-22.**
 19. **Zmeili, S.,** Saket, M., Qaisi, A., Gharaibeh, M., Amro, B., Tutunji, M., Abdel-Razak, M., and Muti, H. A Comparative Single Dose Bioequivalence Study of Two Brands of Glipizide. ***Current Therapeutic Research* 56(1): 38-46.**
 20. Gharaibeh, M., **Zmeili, S.,** Saket, M., Arafat, T., Saleh, M., Sallam, E., Shubair, M., and Al-Deleq, S. (1996) Ibuprofen Sustained-Release Dosage Forms: Single and Multiple-Dose Studies of Tablets and Spansules in Normal Male Volunteers. ***Clinical Drug Investigation* 11(3): 174-183.**
 21. Shakhathreh, F.M., and **Zmeili, S.M.** (1995) Cigarette Smoking and Myocardial Infarction: A Case - Control Study. ***Mu'tah Journal for Research and Studies, Natural and Applied Sciences Series* 10 (4): 125-139.**

22. Amer, N., and **Zmeili, S.** (1996) Effects of Aflatoxin B1 on Rat Intestinal Disaccharidases Specific Activities. **Dirasat** 23 (1): 1-5
23. Salhab, A.S., Gharaibeh, M. N., **Zmeili, S.M.**, Al-Tamimi, S., and Issa, A.S., (1996) Detection of Nicotine and Cotinine in Maternal and Cord Blood and Induction of 7-Ethoxycoumarin O-Deethylase in Placenta. **Dirasat** 23 (2): 88-94
24. **Zmeili, S.**, Hasan, M., Najib, N., Sallam, E., Deleq, S. and Shubair, M. (1996) Bioavailability and pharmacokinetic properties of two sustained-release formulations of diclofenac sodium, Voltaren (Vs Inflanban: Effects of food on Inflanban bioavailability). **International Journal of Clinical Pharmacology and Therapeutics** 34(12): 564-570.
25. Al-Tamimi, S., **Zmeili, S.M.**, Gharaibeh, M., Shubair, M. and Salhab, A.S. (1997) Toxicity of a new antismoking mouth wash 881010 in rats and rabbits **Journal of Toxicology and Environmental Health** 53: 47-60.
26. Gharaibeh, M., **Zmeili, S.**, Abu-Rajab, A. and Daoud, Z. (1997) Drug-induced admissions to medical wards at Jordan University Hospital. **International Journal of Clinical Pharmacology and Therapeutics** 36: 478-482.
27. **Zmeili, S.**, Salhab, S., Shubair, K., Gharaibeh, M., Suliman, N., Al-Kayed, A., Shubair, M., Abu Hijleh, N. and Abu Jbara, M. (1999) Clinical evaluation of a new A.S. mouth wash 881010 as an antismoking agent: a placebo-controlled double-blind trial. **International Journal of Pharmacology and Therapeutics** 37: 41-50.
28. Salhab, A.S., **Zmeili, S.M.**, Gharaibeh, M.N., Elayan,

H.H., Sallam, E. and Al Deleq, S. (1999) The bioequivalence study of Folifer-Z: a new formulation of sustained-release iron and zinc. **International Journal of Pharmaceutics** 137: 172-181.

29. **Zmeili, S.** (2002) Endocrine Pharmacology (A book in Arabic). First ed., Dar El-Nafa'es Publishing Co. Amman-Jordan.
30. Essam Al-Drabah, Yacoub Irshaid, Nada Yasein, **Suheil Zmeili.** (2013) Prescription pattern of antihypertensive drugs in Family Practice Clinics at Jordan University Hospital. **Medicine Science/International Medical Journal** 2(1): 469-488.
31. **Zmeili, S.** (2013) CNS Pharmacology (A book in Arabic). Dar Wael Publisher, First ed., Amman-Jordan.
32. Yacoub M. Irshaid, Malek A. Zihlef, **Suheil M. Zmeili,** Eman T. Al-Antary' Mais G. Zmaily, Somya N. Al-Embideen and Abdallah O. Amireh. (2013) The effect of Pomelo mix ethyl acetate extract on CYP3A6 and P-Glycoprotein gene transcripts in rabbits. **Drug Metabolism Letters** 7: 137-140.
33. Rawia A. Al-Balawnih, **Suheil M. Zmeili,** Yacoub M. Irshaid and Malek A. Zihlif. (2017) The Effect of Licorice Drink on Cytochrome P3A6 and P-glycoprotein Gene Transcription in Rabbits. **Medicine Science/International Medical Journal** 6 (1): 35-40.