Curriculum Vitae

Name:	Lara F. Tutunji
Date of Birth:	1974
Education:	• **Ph.D.** Pharmaceutics, Temple University, Philadelphia, PA, 2005 Thesis: Development of Gastroretentive Controlled Release Metformin Delivery System, advisor: Reza Fassihi • **B.Sc.** Pharmacy, University of Jordan, Amman, Jordan, 1997
Academic rank:	Assistant Professor, Amman Arab University
Address:	Faculty of Pharmacy Amman Arab University Amman, Jordan

- **Employment**

1. Assistant Professor of pharmaceutics, Amman Arab University, Jordan (2019 – present)
2. Assistant Professor of Pharmaceutics, Amman Ahliyya University, Jordan (2018 –2019)
3. Assistant Professor of Pharmaceutics, University of Jordan, Jordan (2006 –2017)
4. Teaching Assistant, Temple University, Philadelphia, PA (2001-2005)
5. Researcher, Pharmaceutical Research Unit / Royal Scientific Society, Jordan (October 1997 August 2000)
6. Pharmacokineticist, PharmaquestJo drug evaluation and research, (January 2007-July 2010)
7. Pharmacokineticist / Medical Writer, Clinicalquest Clinical Research Services (August 2010 – present)
8. Pharmacokineticist, Pharmaquestjo drug evaluation and research (October 2014 – present)

- **Membership**

1. American Association of Pharmaceutical Scientists (AAPS)

- **Professional Training**

1. Atomic Absorption and Inductively Coupled Plasma, August 24-27, 1997, Amman, Jordan.
2. Stability of Pharmaceuticals, August, 2006, Amman, Jordan.
3. Intermediate Course on Pharmacokinetic/Pharmacodynamic Modeling: A Hands-on Course Using WinNonlin, September 10-14, 2006 Cologne, Germany.
4. The Tenth Advanced Level Workshop on Pharmacokinetic – Pharmacodynamic Data Analysis: A Hands-on Course Using WinNonlin, May 18-22, 2008, Madingley Hall, Cambridge, London
5. Dissolution Testing, Bioequivalence, and Bioavailability, a course led by Professor Henning Blume, SocraRec R&D GmbH, prepared for Pharmaquestjo October 12-13, 2008, Hisham Hotel, Amman, Jordan
6. Dissolution Testing: Critical Steps to accurately measure the performance of your drug product, November 24-25, 2009, Regus Victoria, London, England
7. Clinical Data Management Course, a course led by Dr. Barry Burnstead and prepared for Clinquestjo, December 8-9, 2009, Clinquestjo, Amman, Jordan
8. Clinical Research in Project Management Best Practices Workshop, a workshop led by Eric Morfin and funded by the USAID Jordan Competitiveness Program, May 29 to June 1, 2016, Amman, Jordan
9. 1st MENA Regulatory Conference on Bioequivalence, Biowaivers, Bioanalysis, and Dissolution September 23-24, 2013, Amman, Jordan

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- **Fields of Professional Experience:**

1. Teaching of undergraduate laboratories: Pharmacy 1, Pharmacy 2, and Pharmacy 3, Temple University, Philadephia, PA
2. Teaching of undergraduate courses: Pharmaceutical Physicochemical Principles, Physical Pharmacy, University of Jordan, Amman, Jordan
3. Participation in preparing protocols, conducting clinical trials, monitoring clinical trials, preparing final study report, sample preparation and analysis, Pharmaceutical Research Unit, Amman, Jordan

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- **List of Publications**

1. S.Jamzad, L.Tutunji, and R.Fassihi. ***Macromolecular Changes and Drug Release from Hydrophilic Matrix Tablets***, International Journal of Pharmaceutics, 292 (1-2) (2005) 75-85.
2. A.M.Qaisi, M.Tutunji, and L.Tutunji ***Acid Decomposition of Omeprazole in the Absence of Thiol: A Differential Pulse Polarographic Study at the Static Mercury Drop Electrode (SMDE***) Journal of Pharmaceutical Sciences 95(2) (2006) 384-391.
3. M.Tutunji, A.Qaisi, B.El-Eswed, and L.Tutunji.. ***Reactions of Sulfenic Acid with 2-Mercaptoethanol: A Mechanism for the Inhibition of Gastric (H^+-K^+)-Adenosine Triphosphate by Omeprazole.*** Journal of Pharmaceutical Sciences 96(1) (2006) 196-208.
4. M.F.Tutunji, A.M.Qaisi, B.El-Eswed, and L.Tutunji ***An in vitro investigation on acid catalyzed reactions of proton pump inhibitors in the absence of an electrophile.*** International Journal of Pharmaceutics 323 (2006) 110-116.
5. Maha F. Tutunji, Husam M. Ibrahim, Manal H. Khabbas, Lara F. Tutunji. **Simultaneous determination of Bisoprolol and hydrochlorothiazide in human plasma by HPLC coupled with tandem mass spectrometry.** Journal of Chromatography B 877 (2009) 1689 – 1697
6. L.F.Tutunji, M.F.Tutunji, M.I.Alzoubi, M.H.Khabbas, and A.I.Arida. Simultaneous **Determination of irbesartan and hydrochlorothiazide in Human Plasma using HPLC coupled with Tandem Mass Spectrometry: Application to Bioequivalence Studies.** Journal of Pharmaceutical and Biomedical Analysis, 51 (2010) 985-990
7. Mohammad Al Bayyari, Lara F. Tutunji, Nahla Al Bayyari, and Maha F. Tutunji. **Liquid Chromatography Tandem Mass Spectrometry for Determination of Domperidone in Human Plasma**. Journal of Chemical and Pharmaceutical Research 7 (1) (2015) 680 - 685
8. A.M.Qaisi, L.Tutunji, M.Tutunji, and M.A.Mohsen. **The Role of Metabolite in Bioequivalence Decision Making. Journal of Bioequivalence & Bioavailability**, 7 (2015) 158 – 163
9. Lara Tutunji. Harmonizing Best Practices in Bioanalytical Methods. **MOJ Bioeqivalence & Bioavailability** 1(1) (2015) 1-2 (Editorial)
10. L.F.Tutunji, M. Al-Bayyari, S.Shilbayeh, and M.F.Tutunji. Determination of Cefdinir in Human Plasma using HPLC coupled with Tandem Mass Spectrometry: Application to Bioequivalence Studies. **Jordan Journal of Pharmaceutical Sciences**, 8(2) (2015) 123 – 139
11. Lara Tutunji. Wide Spread Use of LC-MS in Bioequivalence Studies. **MOJ Bioeqivalence & Bioavailability** 2(1) (2016) 17-18 (Editorial)
12. Lara Tutunji. The Interchangeability of Innovator and Generic Drugs. **MOJ Bioeqivalence & Bioavailability** 3(1) (2017) 22-23 (Commentary)
13. Lara Tutunji. Evaluation of Drug Release and Performance Parameters for Metformin Extended Release Tablets**. Journal of Pharmacy and Pharmaceutical Research** (2019) JPPR: 104.
14. Lara F. Tutunji. The Use of Liposomes in Clinical Applications submitted to African Journal of Pharmaceutical Sciences

- **Conference papers**

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1. **American Association of Pharmaceutical Scientists 2003 annual meeting**, Salt Lake City, UT, USA, October 26 – October 30, 2003

   Philadelphia Pharmaceutical Forum, Student Poster Night, Talamore, PA, March 2004

   Effect of Non-ionizable Soluble and Insoluble Excipients on Release Kinetics from HPMC based Tablets. Shahla Jamzad, Lara Tutunji, and Reza Fassihi

2. **American Association of Pharmaceutical Scientists 2004 annual meeting**, Baltimore, MD, USA, November 7 – November 11, 2004

   Philadelphia Pharmaceutical Forum, Student Poster Night, Ambler, PA, March 2005

   Evaluation of Drug Release and Performance Parameters for Metformin Commerical Tablets, Lara Tutunji and Reza Fassihi

3. **American Association of Pharmaceutical Scientists 2006 annual meeting**, San Antonio, TX, USA, October 29-November 3, 2006

   Acid Degradation of Proton Pump Inhibitors in the Presence of Thiol by Maha Tutunji, Ali Qaisi, Ali Al-Matar, Bassam El-Eswed, and Lara F. Tutunji

4. **American Association of Pharmaceutical Scientists 2007 annual meeting**, San Diego, CA, USA, November 11 – November 15, 2007

   Determination of Doxazocin in Human Plasma using HPLC coupled with Fluorecence detection by Maha Tutunji, Charl A. Sahouri and Lara F. Tutunji

5. **EPS Montreal International Diabetes Conference**, Montreal, Canada, November 19-20, 2011

   Determination of Irbesartan and Hydrochlorothiazide in Human Plasma using HPLC coupled with tandem mass spectrometry: Application to bioequivalence studies by L.F.Tutunji, M.F.Tutunji, M.I.Zoubi, M.H.Khabbas, and A.I.Arida

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