

Curriculum Vitae



Name - Surname: Ismail Tuncer DEGİM

Date of birth: 17 Şubat 1963

Marital status: Married

Education:

Degree	Division/Program	University	Year
Graduate	Faculty of Pharmacy	Ankara University	1985
Master	Faculty of Pharmacy / Pharmaceutical Technology	Gazi University	1988
PHD	The School of Pharmacy	University of Wales, Cardiff, UK	1996

Title of Master Degree Thesis:

Sıfır Derece Kinetikle Salan Yarı Küresel Sürekli Etkili İlaç Şekilleri Tasarımı Üzerine Çalışmalar, (An investigation on hemispherical, sustained release dosage forms)

Supervisor: Prof. Dr. Tanver DOĞANAY

Title of PHD Thesis:

Physicochemical Determinants of Skin Penetration, Supervisor: Prof. Dr. Jonathan

HADGRAFT

Title	Address	Year
Research Assistant	Gazi University, Faculty of Pharmacy, Ankara - Turkey	1985-1996
Dr. Research Assistant	Gazi University, Faculty of Pharmacy, Ankara - Turkey	1996-1996
Dr. Second Lieutenant	M.S.B. Army Drug Factory, Ankara, Turkey	1996-1998
Assistant Prof. Dr.	Gazi University, Faculty of Pharmacy, Ankara - Turkey	1998- 2004
Assoc. Prof. Dr.	Gazi University, Faculty of Pharmacy, Ankara - Turkey	2004-2009
Prof. Dr.	Gazi University, Faculty of Pharmacy, Ankara - Turkey	2009-
Vice Dean	Gazi University, Faculty of Pharmacy, Ankara - Turkey	2010-2012
Dean	Gazi University, Faculty of Pharmacy, Ankara - Turkey	2012-
Consultant	Health of Ministry, Drug Licensing office (for New, Generic drugs and ANDA)	1999-

Patents:

- 1-** I.T. Degim, S. Ilbasimis, Z. Degim, R. Dundaroz, M. Denli, Method for measuring blood urea level by reverse iontophoresis, (US7231242, EP1526891, AT480296, CN100431641).
- 2-** I.T. Degim, R. Dundaroz, M. Denli, S. Ilbasimis, T.A. Ozcelikay, Z. Degim, Hemodialysis cartridge, (US8057680, RU2323015, TR200401118, CN100518837).
- 3-** Prof.Dr. Nevin Çelebi, Prof.Dr. Füsün Acartürk, Prof.Dr. İlbeyi Ağabeyoğlu, Prof.Dr. Sevgi Takka, Prof.Dr. Zelihagül Değim, Prof.Dr. Tuncer Değim, Doç. Dr. Figen Tırnaksız, Uzatılmış Salım Sağlayan Fluvastatin Tablet, Yayınlanma numarası: WO200909608 A3

Journal Experiences - Editorial Board Memberships:

Hacettepe University Journal of the Faculty of Pharmacy (http://www.eczfakder.hacettepe.edu.tr/danismakurulu_eng.htm)	2006-2014
Journal of Biophysical Chemistry (http://www.scirp.org/journal/jbc/)	2010-
Asian Chemistry Letters (http://www.asianchemistryletters.in)	2011-
Türkiye klinikleri, Eczacılık Bilimleri (www.turkiyeklinikleri.com)	2011-
Austin Chromatography (http://austinpublishinggroup.com/chromatography/editorialBoard.php)	2014-

Projects:

1- EĞLEN-BALABAN, B., Tuncer DEĞİM "An investigation on a new buccal drug delivery formulations" Gazi University, Faculty of Pharmacy, SBE-11/2000-02, (2000). **Completed.**

2- Tuncer DEĞİM, "An investigation of penetration properties of Nimesulide through human skin", Gazi University, Faculty of Pharmacy. 02/2000-03, (2000). **Completed.**

3- Füsün ACARTÜRK, Özlem SARAÇOĞLU, Tuncer DEĞİM "An investigation of absorption of bromocriptine from oral mucosa" Gazi University, Faculty of Pharmacy. SBE 11/97-7 (1997). **Deputy manager of the project, Completed.**

4- Füsün ACARTÜRK, Zelihagül DEĞİM, Tuncer DEĞİM, "An investigation of İnsulin absorption from rectal and vaginal mucosa", Gazi University, Faculty of Pharmacy. EF-02/99-11, (1999). **Deputy manager of the project, Completed.**

5- Nur MOLLAOĞLU, Tuncer DEĞİM, "An investigation on the effect of topical amoxycilline application on the bacterimia after tooth removal", The Scientific And Technological Research Council Of Turkey (TÜBİTAK). SBAYG-AYD-380, (2003). **Deputy manager of the project, Completed.**

6- Emel ÖZCAN, Gökhan ALPASLAN. Tuncer DEĞİM, "An experimental investigation on the evaluation of in-vivo and in-vitro efficacy parameters of various doxycyline dosage forms", Gazi University, Faculty of Dentistry, SBE 11/2001-05, (2001). **Deputy manager of the project, Completed.**

7- Tuncer DEĞİM, Füsün ACARTÜRK, Fatmanur TUĞCU-DEMİRÖZ, Sibel İLBASMIŞ-TAMER, "An investigation on the development of orally and vaginally applicable formulations containing sildenafil for the treatment of infertility", Gazi University, Faculty of Pharmacy. 02/2004-26, (2004). **Completed.**

8- Tuncer DEĞİM, "Sedef hastalığı tedavisinde kullanılmak üzere deriye uygulanabilecek Rosiglitazon içeren topical formülasyonların geliştirilmesi", (Development of topical formulations containing rosiglitason for the treatment of psoriasis), Gazi University, Faculty of Pharmacy. 02/2006-16, (2006). **Completed.**

9- Nevin ÇELEBİ, İlbeyi AĞABEYOĞLU, Füsün ACARTÜRK, Figen TIRNAKSIZ, Tuncer DEĞİM; Sevgi TAKKA, "Development of tablet formulation of cholesterol lowering statin type drug", Government Planning Organisatiopn (DPT) project, Project number: K 120470-03 (2003). **Deputy manager of the project, Completed.**

10- İ. Tuncer DEĞİM, Sibel İLBASMIŞ, "Preparation and determination of drug release properties of paclitaxel and oxaliplatin carbon nanotubes drug delivery systems", Gazi University, Faculty of Pharmacy. 02/2007-13, (2007). **Completed.**

11- İ. Tuncer DEĞİM, Sibel İLBASMIŞ, Erden BANOĞLU, Şükran Yılmaz, "An investigation of nanotubes containing drug delivery systems". Gazi University, Faculty of Pharmacy. 02/2007-23, (2007). **Completed.**

12- Ilbasmis Tamer S., Tugcu Demiroz F., Degim İ.T., "Development of synthetic membrane to predict skin permeability", The Scientific And Technological Research Council Of Turkey (TÜBİTAK). Project number:114S133-2014, **Consultant, Completed.**

Supervised Thesis:

1- B. EĞLEN-BALABAN, "An investigation on a new buccal drug delivery formulations", Gazi University, Faculty of Pharmacy, Department of Pharmaceutical Technology, 2001 (Master degree).

2- S. İLBASMIŞ "An investigation on the applications of iontophoresis", Gazi University, Faculty of Pharmacy, Department of Pharmaceutical Technology, 2003, (Master degree).

3- C. TAN "Antitrombotik bir etkin madde içeren tablet formülasyonunun geliştirilmesi üzerine çalışmalar" (An investigation on the development of tablet formulation containing an antithrombotic active substance", Gazi University, Faculty of Pharmacy, Department of Pharmaceutical Technology, 2010, (Master degree).

4- C. YILDIRIM, "Nanogel ilaç taşıyıcı sistemler üzerinde çalışmalar", (Studies on nanogel drug delivery systems), (Yardımcı tez danışmanı), Gazi University, Faculty of Pharmacy, Department of Pharmaceutical Technology, 2010, (Master degree).

5- S. İLBASMIŞ TAMER, "Nanotüp içeren ilaç taşıyıcı sistemler üzerine çalışmalar", (Studies on nanotubes containing drug delivery systems), Gazi University, Faculty of Pharmacy, Department of Pharmaceutical Technology, 2011, (PhD).

6- Mustafa Taksır, "Deriden geçişin tahmin edilmesinde kullanılacak karbon nanotüp yapılı membran sistemi geliştirme üzerine çalışmalar", Gazi University, Faculty of Pharmacy,

Department of Pharmaceutical Technology, 2012, (Master degree).

7- Demet Kadioglu, "Studies on quantum dots for drug delivery system", Gazi University, Faculty of Pharmacy, Department of Pharmaceutical Technology, 2014, (Master degree).

8- Özlem Saracoglu, "Development of orally applicable controlled release Dexketoprofen formulations", Gazi University, Faculty of Pharmacy, Department of Pharmaceutical Technology, 2015, (PhD).

9- Serkan Suna, "Pat (Process Analytical Technology) Applications", Gazi University, Faculty of Pharmacy, Department of Pharmaceutical Technology, 2015, (Master degree).

Memberships:

1- Association of Turkish Pharmaceutical Sciences of Ankara

2- TÜFTAD (Association of Turkish Scientist in the area of Pharmaceutical Sciences)

3- Turkish Controlled Release Society

4- AAPS (American Association of Pharmaceutical Sciences)

5- FIP (Federation of International Pharmacists)

6- CRS (Controlled Release Society)

Invited Seminars:

1- 8-August 2000, Enhancement of transdermal drug delivery, Potchestroom University, Faculty of Pharmacy, Potchefstroom, South Africa.

2- 26-27- May 2006, "Deriden etkin maddelerin geçişi ve bu konudaki yenilikler", University of Ege, Faculty of Pharmacy, Department of Pharmaceutical Technology, "Eczacılık Teknolojisi Seminer Günleri-II (Seminar days of Pharmacy Technology-II)", İzmir, Turkey.

3- İsmail Tuncer Değim, Skin penetration of nanoparticles, International Symposium on Drug Research and Development "From Chemistry to Medicine", ay 4-7, 2009, Hacettepe University, Ankara, Turkey.

4- İsmail Tuncer Değim, Carbon nanotubes as drug delivery systems, The 4rd BBBB Conference on Pharmaceutical Sciences, October 26-28, 2009, Antalya, Turkey.

5- İ. Tuncer DEĞİM, Sibel İLBASMIŞ – TAMER, Emerging Nanotechnology tools for drug delivery: Carbon nanotubes, 3rd International Meeting on Pharmacy and Pharmaceutical Sciences, 9-12 June, 2010, Marmara, University, Faculty of Pharmacy, İstanbul, Turkey

6- I. Tuncer DEGİM, Cheap, Suitable, Predictable and Manageable Nanoparticles for Drug Delivery: Quantum Dots 10th, International Symposium on Pharmaceutical Sciences, June 26-29, 2012, Ankara University Faculty of Pharmacy, Ankara, Turkey.

7- I. Tuncer DEGİM, Latest developments on nanotherapeutics and potential use of quantum dots and cochleates, Advanced Technologies on Health Sciences, September 15-16, 2014, HUNİTEK, Hacettepe, Ankara, Turkey

8- I. Tuncer DEGİM, Recent developments on nanotherapeutics: Nanotubes, quantum dots, lipid based carriers, 10th. Central European symposium on Pharmaceutical Technology (CESPT), September, 18-20, 2014, Portoroz, Slovenia.

9- I. Tuncer DEGİM, Türkiye’de Eczacılık Eğitimi (Pharmacy Education in Turkey), Hastane Eczacılığı Hizmetler, 1. Eğitim Sempozyumu (1st. Education Symposium on Hospital Pharmacy Service), 14-19 September, 2015, Antalya, Turkey.

10- I. Tuncer DEGİM, Eczacılık Eğitimindeki Sorunlar (Problems in Pharmacy Education in Turkey) Eczacılık Eğitimi ve Akreditasyon Kongresi (Pharmacy Education and Accreditation Congress), 9-10 May, 2016, Hacettepe, Ankara, Turkey.

Awards:

1-Gazi University, Paper award 1999.

2- Gazi University, Paper award 2002.

3- Novartis publication award (Third prize, "T. DEĞİM, J. HADGRAFT, S. ILBASMIS, Y. OZKAN, "Prediction of skin penetration using artificial neural network (ANN) modelling", *J. Pharm. Sci.*, **92**: 656-664 (2003)") 2005.

4- Gazi University, Paper award 2006.

5- Gazi University, Paper award 2007

6- Gazi University, Paper award 2008

7- Gazi University, Paper award 2007

8- Gazi University, Paper award 2008

9- Gazi University, Paper award 2009

10- Gazi University, Paper award 2011

11- 13. Mustafa Nevzat Drug Company, Pharmacy Award "An investigation on nanotube containing drug delivery systems" Dr. Ecz. Sibel İlbasmış Tamer – Prof.Dr. Tuncer Degim 2012.

12- 16th. IPTS 2012 (International Pharmaceutical Technology Symposium) best poster award, Dr. Sibel İlbasmış Tamer, Erhan Süleymanoğlu ve Prof.Dr. Tuncer "Investigating Possible Interactions Between Skin Lipids and Carbon Nanotubes Using Langmuir-Blodgett Techniques" 2012

13- Gazi University, Paper award 2013

Publications

A. International publications:

A1-N.ÇELEBİ, M.İŞCANOĞLU, T.DEĞİM,"The release of naproxen in fatty suppository bases by b-cyclodextrin complexations", Die Pharmazie, 46:863-865 (1991).

A2-S.AKKAYA, O. ÜNER, A. ALAÇAM and T. DEĞİM, Enamel fluoride levels after orthodontic band cementation with glass ionomer cement, Europ. J. Orthodontics, 18: 81-87 (1996).

A3-T.DEĞİM, W. J. PUGH and J. HADGRAFT, Effect of ion complexants on the iontophoresis of salbutamol, Int. J. Pharmaceutics, 167: 229-231 (1998).

A4-T.DEĞİM, W. J. PUGH and J. HADGRAFT, Skin permeability data: anomalous results, Int. J. Pharmaceutics, 170: 129-133 (1998).

A5-C. AKAY, Ş. CEVHEROĞLU, T. DEĞİM, Ş. TARTILMIŞ, B. GÜMÜŞEL, T. ATAY, F. TÜLEMİŞ, K. KÜÇÜKOĞLU, O. RUHOĞLU, "Simultaneous determination of acetaminophen, acetylacetic acid and ascorbic acid in tablet form using HPLC" *Drug Metabolism and Drug Interactions*, 15: 197-205 (1999).

A6-T. DEĞİM, A. USLU, J. HADGRAFT, T. ATAY, C. AKAY, Ş. CEVHEROĞLU, "The effects of Azone and capsaicin on the permeation of naproxen through human skin", *Int. J. Pharm.*, 179: 21-25 (1999).

A7-T. DEĞİM, J. HADGARFT, E.HOUGHTON, P. TEALE, "IN VITRO percutaneous absorption of fusidic acid and betmethasone 17-valerate across canine skin", *J.Small Animal Practice*, 40: 515-518 (1999).

A8-W.J. PUGH, T. DEĞİM, J. HADGRAFT, "Epidermal permeability-penetrant structure relationships: 4. QSAR of permeant diffusion across human stratum corneum in terms of molecular weight, H-bonding and electronic charge", *Int. J. Pharm.*, 197: 203-211 (2000).

A9-T. DEĞİM, C. AKAY, K. BÜYÜKAFSAR, S: CEVHEROĞLU, "Simultaneous determination of codeine and ethyl morphine HCL in tablet formulation using HPLC", *J. Pharmaceutical and Biomedical Analysis*, 26: 15-21 (2001).

A10-T. DEĞİM, V. ZAIMOĞLU, C. AKAY, Z. DEĞİM, "pH-Metric log K calculations of famotidine, naproxen, nizatidine, ranitidine and salicylic acid", *Il Farmaco*, 56: 659-663 (2001).

A11-Z. DEĞİM, T. DEĞİM, L. BAS, M. ELMAS, "The use of liposomal enrofloxacin for intracellular infections in Kangal dogs and visualisation of phagocytosis of liposomes", *Journal of Biomedical Materials Research*, 61: 246-251 (2002).

A12-T. DEĞİM, R. DUNDARUZ, A. SIZLAN, M. YASAR, M. DENLİ, E. GOKCAY, "The use of

the corpus cavernosum for the administration of phenobarbital: an experimental study in dogs", *Int. J. Pharm.*, 246: 105-109 (2002).

A13-R.DUNDARÖZ, T.DEĐİM, A. SIZLAN, M. YAĐAR, M. DENLİ, E. GÖKÇAY, "Intracavernous application of diazepam: An alternative route of the seizure treatment- an experimental study in rabbits", *Pediatrics International*, 44: 163-167 (2002).

A14-T. DEĐİM, J. HADGRAFT, S. ILBASMIS, Y. OZKAN, "Prediction of skin penetration using artificial neural network (ANN) modelling", *J. Pharm. Sci.*, 92: 656-664 (2003).

A15-I.T. DEĐİM, F. ACARTÖRK, D. ERDOĐAN and NeĐe DEMİREZ LORTLAR, "Transdermal Administration of Bromocriptine", *Biol. Pharm. Bull.* 26: 501-505 (2003).

A16-I.T DEĐİM, S. ILBASMIS, R. DUNDARÖZ, Y. OGUZ, "Reverse iontophoresis-I: a non-invasive technique for measuring blood urea level", *Pediatric Nephrology*, 18:1032-1037 (2003).

A17-G. YENER, Ü. GÖNÖLLÜ, M. ÜNER, T. DEĐİM, A. ARAMAN, "Effects of vehicles and penetration enhancers on the in vitro percutaneous absorption of celecoxib through human skin", *Pharmazie*, 58: 330-333 (2003).

A18- I. ISLEK , T. DEĐİM, C. AKAY, A. TURKAY, T. AKPOLAT, "Charcoal haemoperfusion in a child with amitriptyline poisoning", *Nephrol Dial Transplant*, 19: 3190 -3191, (2004).

A19-I. T. DEĐİM, *Understanding Skin Penetration: Computer Aided Modeling and Data Interpretation*, *Current Computer-Aided Drug Design*, 1: 11-19, (2005).

A20-Z. DEĐİM, T. DEĐİM, F. ACARTURK, D. ERDOĐAN, C. OZOGUL, M. KOKSAL "Rectal and vaginal administration of insulin-chitosan formulations: An experimental study in rabbits", *Journal of Drug Targeting*, 13: 563-572, (2005).

A21-T. DEGİM, B. EĞLEN, O. OCAK, "A sustained release dosage for m of acyclovir for buccal application: An experimental study in dogs", *Journal of Drug Targeting*, 14: 35-44, (2006).

A22-I. T. DEGİM, "New tools and approaches for predicting skin permeability", *Drug Discovery Today*, 11: 517-521 (2006).

A23-K. HARMANCI, A. BAKIRTAS, I. TURKTAS, T. DEGİM, "Oral montelukast treatment of preschool-aged children with acute asthma", *Annals of Allergy, Asthma and Immunology*, 96: 731-735 (2006).

A24-T. DEGİM, B. GUMUSEL, Z. DEGİM, T. OZCELIKAY, A. TAY, S. GUNER, "Oral administration of liposomal insulin" *Journal of Nanoscience and Nanotechnology*, 6: 2945-2949 (2006).

A25-E. SARIFAKIOĞLU, I.T. DEGİM, C. GORPELİOĞLU, "Determination of the sildenafil effect on alopecia areata in childhood: An open-pilot comparison study", *Journal of Dermatological Treatment*, 17: 235-237 (2006).

A26-I. T. DEGİM, N. CELEBI, "Controlled Delivery of Peptides and Proteins", *Current Pharmaceutical Design*, 13: 99-117 (2007).

A27-S. Uthayathas, S. S. Karuppagounder, S. Ilbasmis Tamer, K. Parameshwaran, T. Degim, V. Suppiramaniam and M. Dhanasekaran, "Evaluation of neuroprotective and anti-fatigue effects of sildenafil", *Life Sciences*, 81: 988-992 (2007).

A28- S. Ilbasmis Tamer, T. Degim, Passive and Iontophoretic Delivery of Sildenafil Through the Skin, *FABAD J. Pharm. Sci.*, 32, 109-119 (2007).

A29- I. T. Degim, F. Tugcu-Demiroz, S. Tamer-Ilbasmis and F. Acarturk, Development of Controlled Release Sildenafil Formulations for Vaginal Administration, *Drug Delivery*,

15:259–265 (2008).

A30-C. Akay, I.T. Degim , A. Sayal , A. Aydın, Y Özkan, H. Gul, Rapid and simultaneous determination of acetylsalicylic acid, paracetamol, and their degradation and toxic impurity products by HPLC in pharmaceutical dosage forms, *Turkish J. Med. Sci.*, 38:167-173 (2008).

A31-F. Kaynak Onurdag, T. Degim, Z. Degim, I. Kutlu, O. Kaynar, G. Gunes, U. Abbasoglu, The humoral immun response of mice to liposomes containing *Brucella melitensis* outer membrane fragments, *J. Anim. Vet. Advan.* 78: 991-995 (2008).

A32- S. Ilbasmiş-Tamer, S. Yilmaz, E. Banoğlu, I.T. Degim, Carbon nanotubes to deliver drug molecules, *J Biomed Nanotechnol.*, 6(1):20-7 (2010).

A33- I.T. Degim, D.J. Burgess, F. Papadimitrakopoulos, Carbon nanotubes for transdermal drug delivery, *J Microencapsul.* 27(8): 669-681 (2010).

A34- I.T. Degim, S. Ilbasmiş-Tamer, Transdermal delivery of active compounds for the treatment of erectile dysfunction, *Asian Chemistry Letters*, 16(1): 9-22 (2011).

A35- C. Tan, I.T. Degim, Development of sustained release formulation of an antithrombotic drug, *Pharm. Dev. Technol.* 17(2): 242-250 (2012).

A36- Sibel Ilbasmiş – Tamer, Ismail Tuncer Degim, A feasible way to use carbon nanotubes to deliver drug molecules: transdermal application, *Expert Opinion on Drug Delivery*, 9(8): 991-999,2012.

A37- Ismail Tuncer Degim and Demet Kadioglu, Cheap, Suitable, Predictable and Manageable Nanoparticles for Drug Delivery: Quantum Dots Current Drug Delivery, 10, 32-38, 2013.

A38- Alina J. Andersen, Barbara Windschiegl, Sibel Ilbasmiş-Tamer, Ismail T. Degim, Alan Christy Hunter, Thomas L. Andresen, Seyed Moein Moghimi, Complement activation by PEG-

functionalized multi-walled carbon nanotubes is independent of PEG molecular mass and surface density, *Nanomedicine: Nanotechnology, Biology, and Medicine*, 9, 469–473, 2013.

A39- Sibel Ilbasmis-Tamer, Hande Unsal, Fatmanur Tugcu-Demiroz, Gokce Dicle Kalaycioglu, Ismail Tuncer Degim, Nihal Aydogan, Stimuli Responsive Lipid Nanotubes In Gel Formulations For The Delivery Of Doxorubicin, *Colloids and Surfaces B: Biointerfaces* 143 (2016) 406–414.

A40- Emerce, Esra; Cok, Ismet; Degim, I. Tuncer, "Determination of the impurities in drug products containing montelukast and in silico/in vitro genotoxicological assessments of sulfoxide impurity", *Toxicology Letters*, (2015), 238,90-99.

A41- Duzlu, AU, Gunaydin, B, Sukuroglu, MK, Degim, IT, Release Pattern of Liposomal Bupivacaine in Artificial Cerebrospinal Fluid, *Turkish Journal of Anaesthesiology and Reanimation*, (2016) 44, 1-6.

A42- Sibel Ilbasmis – Tamer, Ismail Tuncer Degim, Füsün Acartürk, Usama Alshana, "Quantification and penetration properties of p-hydroxy benzoic acid derivatives", *Current Pharmaceutical Analysis*, (2017), 13(1), 18-25. (DOI:10.2174/1573412912666160422121215).

A43- Sibel Ilbasmis – Tamer, Fatmanur Tugcu – Demiröz, Ismail Tuncer Degim, "Carbon nanotube membranes to predict skin permeability of compounds", *Pharmaceutical Development and Technology*, In press. (DOI:10.1080/10837450.2016.1221430).

A44- Sibel İLBASMIŞ TAMER, İsmail Tuncer DEĞİM, "Biyoteknolojik İlaçlar, Genel Bakış", *Turkiye Klinikleri J Pharm Sci*, (2016) 5(2):77-92.

A45- Incecayir T., Ilbasmis-Tamer S., Tirnaksiz F., Degim T., "Assessment of the potential drug-drug interaction between carvedilol and clopidogrel mediated through intestinal P-glycoprotein", *Pharmazie*, (2016) 71 (8): 472-477. (10.1691/ph.2016.6059).

A46- DEMİR Gulen Melike, DEGİM Ismail Tuncer, "Preparation of Chitosan Nanoparticles by Nano Spray Drying Technology", *Fabad J. Pharm. Sci.*, Volume 38, Issue 3, Pages 127– 133 (2016 da basıldı ama 2013 yayını).

A47- Aslan C, Celebi N, Degim IT, Atak A, Ozer C, "Development of Interleukin-2 Loaded Chitosan-Based Nanogels Using Artificial Neural Networks and Investigating the Effects on Wound Healing in Rats", AAPS Pharm. Sci. Tech., Topical Collections: Theme: Recent Trends in the Development of Chitosan-Based Drug Delivery Systems (2016), 1-12 (10.1208/s12249-016-0662-4)

A48- Ilbasmis-Tamer S, Çiftçi H, Türk M, Degim T and Tamer U, Multiwalled Carbon nanotube-Chitosan Scaffold: Cytotoxic, apoptotic, and necrotic effects on chondrocyte cell lines, Current Pharmaceutical Biotechnology, Volume 18, (DOI: 10.2174/1389201018666170127105555).

B. Poster publications in proceeding books:

B1- T. DEĞİM, W. J. PUGH AND J. HADGRAFT An automated determination of partition coefficients in various solvents of relevance to skin permeability In Proceeding of the 3rd Ukaps Annual Conference , (eds. Hadgraft, J., Kellaway, I. W., Parr, G. D.), STS Publishing, Cardiff, 85 (1994).

B2- T. DEĞİM, J. HADGRAFT, W.J. PUGH, Modelling the transdermal delivery of non-steroidal anti-inflammatory agents, Proceeding of the Controlled Release Society, 22: 652-653 (1995).

B3- T. DEĞİM, W. J. PUGH, J., HADGRAFT, M. S. ROBERTS, Prediction of skin permeability using partial charge calculations, In Proceeding of the 4th Ukaps Annual Conference , (eds. Hadgraft, J., Kellaway, I. W.), STS Publishing, Cardiff, 49 (1995).

B4- T. DEĞİM, W. J. PUGH, J., HADGRAFT, M. S. ROBERTS, A small Iontophoresis device applicable to human arm, In Proceeding of the 4th Ukaps Annual Conference , (eds. Hadgraft, J., Kellaway, I. W.), STS Publishing, Cardiff, 48 (1995).

B5- T. DEĞİM, W. J. PUGH, J., HADGRAFT, M. S. ROBERTS, A film balance study of NSAID's In Proceeding of the 4th Ukaps Annual Conference , (eds. Hadgraft, J., Kellaway, I. W.), STS Publishing, Cardiff, 50 (1995).

B6- M. S. ROBERTS, W. J. PUGH, J. HADGRAFT AND T. DEĞİM, Relationship between H-bonding of penetrants to stratum corneum lipids and diffusion within the stratum corneum, In Prediction of Percutaneous Penetration, STS Publishing, Cardiff, UK, 4b: 48-51 ,(1996).

B7- T.DEĞİM, B. GÜMÜŞEL, T. ATAY, C. AKAY, A. USLU, Z. DEĞİM, G.AKSOY, Ş. CEVHEOĞLU, Oral application of liposome encapsulated Insulin, 9th. International Pharmaceutical Technology Symposium, Hacettepe University, 7-9 September, 79,(1998).

B8-Z. DEĞİM, T. DEĞİM, L. BAŞ, M. ELMAS, An investigation of phagocytosis of liposomes by monocytes, 9th. International Pharmaceutical Technology Stmposium, Hacettepe University, 7-9 September, 77,(1998).

B9-Değim,İ.T., Acartürk,F., "Enhancement of Bromocriptine Mesylate Penetration Through Skin Using Penetration Enhancers in Rabbit", 10th International Pharmaceutical Technology Symposium,İstanbul, Turkey, September 11-13, 2000, Proceed. 10th Inter.Pharm.Technol.Symp.(IPTS-2000): 185-186.

B10-Değim,İ.T., Acartürk,F., "Penetration Properties of Bromocriptine Mesylate From Gel Formulations Across Rabbit Skin", 6th European Congress of Pharmaceutical Sciences, EUFEPS 2000, September 16-19, Budapest, Hungary, Eur.J.Pharm.Sci., 2000, 11, (Suppl.1)., s 41.

B11- T. DEĞİM, Prediction of skin penetration using artificial neural network modelling, Proceeding of 10th. APGI International Conference on Pharmaceutical Technology, 8-11 April-Florence, Italy, 1147-1148, (2002).

B12- Ü. GÖNÜLLÜ, G. YENER, T. DEĞİM, A. ARAMAN, Enhancement of celecoxib permeation through human skin, Proceeding of 10th. APGI International Conference on Pharmaceutical Technology, 8-11 April Florence, Italy, 1203-1204, (2002).

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