ÖZGEÇMİŞ

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6. **Yönetilen Yüksek Lisans ve Doktora Tezleri**

7. **Yayınlar**

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

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7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

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7.7. Diğer yayınlar

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2. Alpar, H.O., Cevher, E., Özsoy, Y., "Gen Taşıyıcı Sistemler", Nanofarmasötikler ve Uygulamaları (Editör: Ayla Zırh-Gürsoy), Kontrollü Salım Sistemleri Derneği Yayın No.3, Aktif Matbaa ve Reklam Hizm. San. Tic. Ltd. Şti., 261-275, İstanbul, 2014

Patentler

1. Alpar, H.O et.al Pharmaceutical composition for administration to mucosal surfaces EP1265598
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3. Alpar, H.O et.al Polycationic carbohydrates as immunostimulants in vaccines EP1163002
4. Alpar, H.O et.al Vaccine composition EP1163001
5. Alpar, H.O et.al Particle based vaccine composition EP1162945
6. Alpar, H.O et.al Pharmaceutical composition for administration to mucosal surfaces WO0170200
7. Alpar, H.O et.al Immunostimulants AU3443500
8. Alpar, H.O et.al Particle based vaccine composition AU3442700
9. Alpar, H.O et.al Vaccine composition AU3442400

7.8. Uluslararası Atıflar

MAKALELERDE YAPILAN ATIFLAR				
NO		**TOPLAM ATIF SAYISI**	**KENDİSİ TARAFINDAN**	**BAŞKALARI TARAFINDAN**
ULUSLARARASI DERGİLERDE YAYINLANMIŞ ARAŞTIRMA MAKALELERİ				
1.	Influence of Suspension Stabilisers on the Delivery of Protein-Loaded Porous Poly (DL-Lactide-co-Glycolide) (PLGA) Microparticles via Pressurised Metered Dose Inhaler (pMDI) Cocks, E., Somavarapu, S., Alpar, O., Greenleaf, D. 2014, Pharmaceutical Research 31(8),pp. 2000-2009	0	0	0
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6.	Biolistic transfection of human embryonic kidney (HEK) 293 cells, Li, X., Uchida, M., Alpar, H.O., Mertens, P. 2013, Methods in Molecular Biology 940, pp. 119-132	1	0	1
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116.	Mucosal delivery of herpes simplex virus vaccine, Bowen, J.C., Alpar, H.O., Phillpotts, R., Brown, M.R.W. 1992 Research in Virology 143 (4), pp. 269-278	6	0	6
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126.	Drug-delivery by ion-exchange. Part IV: Coated resinate complexes of ester pro-drugs of propranolol, Irwin, W.J., Belaid, K.A., Alpar, H.O. 1988 Drug Development and Industrial Pharmacy 14 (10), pp. 1307-1325	5	0	5
127.	The prolongation of the survival times of mice implanted with TLX5 cells by treatment with methotrexate encapsulated in erythrocytes, Alpar, H.O., Lewis, D.A. 1987 Biochemical Pharmacology 36 (18), pp. 3081-3083	4	0	4
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132.	Sustained-release characteristics of tablets of ethylcellulose microcapsules containing potassium phenethicillin, Alpar, O.H. 1981 Farmaco, Edizione Pratica 36 (8), pp. 366-373	2	0	2
133.	Effect of suspending agents on the bioavailability of suspensions of sulphathiazole, Alpar, H.O., Hersey, J.A. 1979 Farmaco, Edizione Pratica 34 (12), pp. 532-541	0	0	0
134.	The compression properties of lactose. Alpar, O., Hersey, J.A., Shotton, E. 1970 Journal of Pharmacy and Pharmacology pp. Suppl:1S-7S	4	0	4
135.	The possible use of polytetrafluoroethylene (Fluon) as a tablet lubricant. Alpar, O., Deer, J.J., Hersey, J.A., Shotton, E. 1969 Journal of Pharmacy and Pharmacology 21, pp. Suppl:6S-8S	3	0	3
TOPLAM		**2445**	**178**	**2277**
ULUSLARARASI DERLEME MAKALELERİ				
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2.	Particulate delivery systems for biodefense subunit vaccines, Bramwell, V.W., Eyles, J.E., Alpar, H.O. 2005 Advanced Drug Delivery Reviews 57 (9), pp. 1247-1265	33	0	33
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6.	Intranasal vaccination against plague, tetanus and diphtheria, Alpar, H.O., Eyles, J.E., Williamson, E.D., Somavarapu, S. 2001 Advanced Drug	59	9	50

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7.	Intranasal administration of influenza vaccines: Current status, Eyles, J.E., Williamson, E.D., Alpar, H.O. 2000 BioDrugs 13 (1), pp. 35-59	7	2	5
8.	New strategies in vaccine delivery, Alpar, H.O., Ward, K.R., Williamson, E.D. 2000 S.T.P. Pharma Sciences 10 (4), pp. 269-278	13	0	13
9.	Oral and nasal immunization with microencapsulated clinically relevant proteins, Alpar, H.O., Eyles, J.E., Williamson, E.D. 1998 S.T.P. Pharma Sciences 8 (1), pp. 31-39	31	6	25
10.	Nasal delivery of vaccines, Almeida, A.J., Alpar, H.O. 1996 Journal of Drug Targeting 3 (6), pp. 455-467	78	11	67
11.	Do interactions with phospholipids contribute to the prolonged retention of polypeptides within the lung? McAllister, S.M., Alpar, H.O., Teitelbaum, Z., Bennett, D.B. 1996 Advanced Drug Delivery Reviews 19 (1), pp. 89-110	22	3	19
12.	Therapeutic possibilities of drugs encapsulated in erythrocytes, Lewis, D.A., Alpar, H.O. 1984 International Journal of Pharmaceutics 22 (2-3), pp. 137-146	26	0	26
TOPLAM		**478**	**35**	**443**
GENEL TOPLAM		**2923**		

8. Projeler

1. Expression and formulation of Bluetongue virus genes and proteins for development of effective vaccination strategies
2. Exploring the enhancement of immune responses of the killed bacteria M.vaccae delivered orally.
3. Proof of concept studies: The tissue distribution of SiRNA following respiratory application.
4. Development of micro-nano particulate delivery systems for vaccines using SCF technology
5. Site-specific delivery of Biodefense antibodies
6. Development of novel particles for pulmonary delivery of antigen and gene vaccine delivery
7. Exploring biocomposite membrane incorporating microparticles as scaffolds and carriers for corneal transplantation of stem cells
8. Setting up Supercritical fluid technology for producing scalable/ solvent free particulate vaccine carriers
9. Scaleable continuous homogeniser to produce nanosized biopharmaceutical formulations
10. Development of a safe, efficacious BTV vaccination strategy for Europe
11. Single dose vaccine delivery using microparticulate carriers
12. Effect of freeze-drying on bioactive DNA/RNA delivery systems
13. Formulation of lipid enveloped gene vectors and vaccines
14. Formulation of novel particulate Metered Dose Inhaler preparations for effective pulmonary delivery of proteins
15. A mechanistic study of the fundamental aspects of mucosal immunization: Development of in vitro techniques and in vitro-in vivo correlations
16. Formulation of particulate delivery systems using supercritical fluids

9. İdari Görevler

- Galenik Farmasi (Farmasötik Teknoloji) Anabilim Dalı Başkanı, Hacettepe Üniversitesi, Ankara (1971-1975)
- Galenik Farmasi (Farmasötik Teknoloji), Endüstriyel ve Klinik Eczacılık Anabilim Dalı Başkan, Hacettepe Üniversitesi, Ankara (1975-1981)
- Senior Research Fellow, Department of Pharmaceutical & Biological Sciences, Aston University (1982-1989)
- Senior Lecturer/Lecturer, Department of Pharmaceutical and Biological Sciences, Aston University (1990-1999)
- Reader, Department of Pharmaceutical and Biological Sciences, Aston University (2000-2001)
- Professor, Head of Centre for Drug Delivery Research Group, The School of Pharmacy, University of London (May 2001-2009)
- Founding Professor at Department of Pharmaceutical Technology, School of Pharmacy, Istanbul Kemerburgaz University (2011- present)

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

- Temporary Adviser to the WHO Steering Committee on New Vaccine Delivery Systems
- Controlled Release Society
- Britsh Society of Immunology
- Federation International Pharmaceutique, FIP
- Kontrollü Salım Sistemleri Derneği

Hakemlik yapılan dergiler

1. Vaccine
2. Infection and Immunity
3. Journal of Pharmaceutical Sciences
4. Pharmaceutical Research
5. Journal of Lipid Research
6. The FABAD Journal of Pharmaceutical Sciences
7. Journal of Drug Delivery Science and Technology
8. Journal of Drug Targeting
9. Journal of Controlled Release
10. International Journal of Pharmaceutics
11. Pharmaceutical Development and Technology
12. Journal of Pharmacology and Experimental Therapeutics
13. Nanomedicine
14. Advanced Drug Delivery Research
15. Journal of Pharmacy and Pharmacology

Editör/Yardımcı Editör olunan dergiler

1. Editor – in Chief, Journal of Microencapsulation
2. Special Editor, Journal of Drug Targeting
3. Special Editor, Advanced Drug Delivery Research
4. Editorial Board member, Journal of Drug Targeting
5. Editorial Board member, Journal of Pharmacy and Pharmacology
6. Editorial Board member, International Journal of Pharmaceutical Science and Technology
7. Editorial Advisary Board Member, International Journal of Pharma Research

Diğer

Grant/Project Review Panels and Conference/Symposium Organisation

1. Nanobiotechnology Days 2015, Istanbul Kemerburgaz University, Conference chair
2. Special advisor to European Space Agency (ESA)
3. Temporary Advisor to Dünya Sağlık Örgütü (WHO)
4. Austrian Nano Initiative; Evaluation expert panel, 2006
5. European Framework Project Evaluation Panel
6. Medical Research Council Evaluater
7. British Biological and Scientific Research Council Evaluater
8. IPRS Project Evaluater
9. British Pharmaceutical Conference toplantısı için ‘‘New strategies for vaccine delivery’’ sempozyumun organizasyonu, başkanı ve konuşmacısı, 2003
10. International Meeting on Pharmacy and Pharmaceutical Science toplantısı için, ‘‘Aşı taşıyıcı sistemleri’’ sempozyumun organizasyonu, başkanı ve konuşmacısı, 1998

11. Ödüller

- **TÜBİTAK 50.yıl Özel Ödülü** – Türkiye Cumhurbaşkanı tarafından takdim edilmiştir, 2015
- British Council One Year Study Award for a PhD student, 2005
- Best Poster Award - DNA delivery, Biyomed, İstanbul, 1996
- British Council Fellowship, 1979-1980
- Turkish Government / British Council Scholarship for PhD Studies in London, 1968-1971

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2014-2015	**Güz**	Farmasötik Teknoloji I	2	3	
	İlkbahar	Farmasötik Teknoloji II	2	3	
2015 -2016	**Güz**	Modern ilaç formülasyonlarında karşılaşılan zorluklar	2		
	İlkbahar	Farmasötik Biyoteknoloji	2		