

Genada SINANI

Istanbul Kemerburgaz University

School of Pharmacy, Department of Pharmaceutical Technology

Kartaltepe Mah. İncirli cad. No:11 Bakırköy/İstanbul, Turkey

Tel: +90 212 709 45 28

Email: genada.sinani@kemerburgaz.edu.tr

EDUCATION

2011 - 2016 Ph.D., Pharmaceutical Technology, Istanbul University, Istanbul, Turkey

Thesis: Development of Vaccine Carrier Systems for Nasal Delivery

2005 - 2010 M.Sc., Pharmacy, Gazi University, Ankara, Turkey

Research Project: Chemotherapeutic Drugs and Microorganisms

ACADEMIC EXPERIENCE

2016 – Assist. Prof. Istanbul Kemerburgaz University, School of Pharmacy, Turkey

2014 – 2016 Lecturer, Istanbul Kemerburgaz University, School of Pharmacy, Turkey

2011 – 2014 TÜBİTAK Research Fellow, Istanbul University, Turkey

RESEARCH INTERESTS

Biotechnology, Vaccines, Drug Delivery and Drug Targeting, Nanotechnology, Formulation of poorly soluble compounds

HONORS AND GRANTS

2016 Graduated with “High Honors” PhD, Istanbul University, Turkey

2011 – 2014 TÜBİTAK Graduate Scholarship

2011 – 2014 Republic of Turkey, Ministry of Education, Graduate Scholarship

2005 – 2010 Republic of Turkey, Ministry of Education, Undergraduate Scholarship

2010 Graduated with “Honors” in Pharmacy, Gazi University, Turkey

PROJECTS

- Development of nasal vaccine delivery systems (Nazal yol ile uygulanan aşı taşıyıcı sistemlerin geliştirilmesi), in collaboration with Istanbul University, Faculty of Engineering, Department of Chemical Engineering, Doctoral Thesis Project, Istanbul University Scientific Research Projects (BAP), Project No: 36160 (2013 – 2016).

PUBLICATIONS

- Cevher E, Açma A, Sinani G, Aksu B, Zloh M, Mülazımoğlu L. Bioadhesive tablets containing cyclodextrin complex of Itraconazole for the treatment of vaginal candidiasis. *International Journal of Biological Macromolecules* 69 (2014) 124–136.

CONFERENCE PROCEEDINGS

- Sinani G, Sarioğlu Y, Alpar HO. Critical Factors in the Design and Optimisation of Lyophilisation Processes. *Presented at IVEK 2nd International Convention of Pharmaceuticals and Pharmacies (IVEK)*. Istanbul, Turkey 27-29 November 2015.
- Sinani G, Gök MK, Özgümüş S, Alpar HO, Cevher E. In vivo evidence of nasal vaccination with novel poly (β -amino ester)-poly (lactic-co-glycolic acid) nanoparticles. *Presented at The 42nd Annual Meeting & Exposition of the Controlled Release Society*. Edinburgh, Scotland 26-29 July 2015.
- Sinani G, Gök MK, Özgümüş S, Alpar HO, Cevher E. Modified chitosan nanoparticles for enhanced vaccine delivery by nasal route. *Presented at 11th International Symposium on Pharmaceutical Sciences (ISOPS-11)*. Ankara, Turkey 9-12 June 2015.
- Sinani G, Petro E. Flu vaccination, assessment of the situation and people beliefs. *Presented at International Congress of Biomedical Sciences*. Tirana, Albania 1-3 May 2014.
- Petro E, Sinani G. Self-medication with antibiotics: questionnaire survey among students in Albania. *Presented at International Congress of Biomedical Sciences*. Tirana, Albania 1-3 May 2014.
- Sinani G, Duran M, Morina D, Gök MK, Özgümüş S, Alpar HO, Cevher E. Development of a new chitosan-based nanoparticulate system for nasal delivery of vaccines. *Presented at International Multidisciplinary Symposium on Drug Research and Development, Faculties of Pharmacy in Turkey and Society of Researchers in Pharmacy and Medicine*. Antalya, Turkey, 28-30 November 2013.
- Duran M, Sinani G, Morina D, Alpar HO, Cevher E. A new N-trimethyl chitosan-carboxymethyl curdlan nanoparticles as a vaccine carrier. *Presented at International Multidisciplinary Symposium on Drug Research and Development, Faculties of Pharmacy in Turkey and Society of Researchers in Pharmacy and Medicine*, Antalya, Turkey, 28-30 November 2013.
- Morina D, Duran M, Sinani G, Cevher E. Preparation, characterisation of cyclodextrin-cefdinir inclusion complexes and development of oral formulations. *Presented at International Multidisciplinary Symposium on Drug Research and Development, Faculties of Pharmacy in Turkey and Society of Researchers in Pharmacy and Medicine*, Antalya, Turkey, 28-30 November 2013.

- Sinani G, Duran M, Morina D, Gök MK, Özgümüő S, Alpar HO, Cevher E. Preparation and evaluation of nanoparticles of new chitosan derivative for nasal vaccination. *Presented at 3rd Conference on Innovation in Drug Delivery - Advances in Local Drug Delivery*. Pisa, Italy, 22-25 September 2013.
- Duran M, Sinani G, Morina D, Gök MK, Özgümüő S, Alpar HO, Cevher E. A new biopolymer-based nanovaccine carrier. *Presented at 3rd Conference on Innovation in Drug Delivery - Advances in Local Drug Delivery*. Pisa, Italy, 22-25 September 2013.

OTHER SCIENTIFIC ACTIVITIES AND TRAINING

- Attended “Communication Skills Education Certificate Course” Colorado University, Skaggs School of Pharmacy and Pharmaceutical Sciences and Istanbul Kemerburgaz University, School of Pharmacy, Spring 2015.
- Attended “R&D projects writing and project management” practical training (Uygulamalı Ar-Ge Proje Yazımı ve Yönetimi), The Scientific and Technological Research Council of Turkey (TÜBİTAK) and Istanbul Technical University, Turkey, Apr 4-6, 2014.
- Attended “Brookfield viscosimetry seminar”, Sem Endüstri cihazları and Brookfield Engineering Laboratories, Istanbul, Turkey, Mar 4, 2014.
- Attended “Experimental Animal Use Certification Training Course” (İÜ Deney Hayvanları Kullanım Sertifikası Eğitim Kursu), İstanbul Üniversitesi, Deneysel Tıp Araştırma Enstitüsü Deney Hayvanları Biyolojisi ve Biyomedikal Uygulama Teknikleri Anabilim Dalı, Turkey, Oct 8-19, 2012.
- Attended “First International Congress of the Molecular Biology Association of Turkey” Boğaziçi Üniversitesi, Turkey, Nov 22-23, 2012.
- Attended “4.DETAE Days” , İstanbul Üniversitesi, Deneysel Tıp Araştırma Enstitüsü, Turkey, Nov 14 – 15, 2012.
- Attended “Fundamentals and Applications of Fluorescence Microscopy in Modern Cell Biology” Course, The American Society for Cell Biology and Koç University, Istanbul, Turkey, Aug 11-17, 2012.
- Attended “Sample preparation techniques and applications” (Numune hazırlama teknikleri ve uygulamaları), Istanbul University, Istanbul, Turkey, May 26, 2012.

- Attended “8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology”, APV, Istanbul, Turkey, Mar 9-22, 2012.
- Attended “II. Stem Cell Symposium, Marmara University, Istanbul, Dec 23, 2011.
- Attended “Knowledge and Memory, Neurophilosophy Symposium IV” Gazi University, Ankara, Dec 11-12, 2009.
- Attended “Nanotechnology: Development and Application”, Gazi University, Ankara, Turkey, Nov 20, 2009.

CONFERENCE ORGANISATION

- Nanobiotechnology Days 2015, International, Istanbul Kemerburgaz University, Istanbul, Turkey, 14-15 May 2015.
- 19th National Biomedical Engineering Meeting (BIYOMUT 2015), Institute of Biomedical Engineering and Bahçeşehir University, Istanbul, Turkey, 5-6 November 2015.

PROFESSIONAL MEMBERSHIPS

- Molecular Biology Association, Turkey, 2012 – present

TEACHING EXPERIENCE

Istanbul Kemerburgaz University, School of Pharmacy:

Fall 2014	PHAR 361 Pharmaceutical Technology I, Instructor PHAR 361 Pharmaceutical Technology I, Practical, Coordinator and Instructor
Spring 2015	PHAR 362 Pharmaceutical Technology II, Instructor PHAR 362 Pharmaceutical Technology II, Practical, Coordinator and Instructor
Fall 2015	PHAR 361 Pharmaceutical Technology I, Instructor PHAR 361 Pharmaceutical Technology I, Practical, Coordinator and Instructor PHAR 473 Challenges in Formulating Modern Drugs: Biopharmaceuticals/Biologics, Instructor
Spring 2016	PHAR 362 Pharmaceutical Technology II, Instructor PHAR 362 Pharmaceutical Technology II, Practical, Coordinator and Instructor PHAR 442 Pharmaceutical Biotechnology, Instructor

COMMITTE MEMBERSHIPS

Istanbul Kemerburgaz University, School of Pharmacy, Member of:

- Community Pharmacy Apprenticeship Committee 2015 –
- Pharmaceutical Industry Apprenticeship Committee 2015 –
- Adaptation and Transfer Committee 2015 –
- Strategic Planning Committee 2016 –
- Accreditation Committee 2016 –

LANGUAGE SKILLS

- Albanian (Native)
- English (Advanced, full professional proficiency)
- Turkish (Advanced, full professional proficiency)
- Italian (Upper intermediate)
- German (Basic)

COMPUTER LITERACY

Microsoft Office Package (Word, Excel, PowerPoint), E-views, Others (GraphPad, Photoshop)

PERSONAL

Born on May 23, 1987 in Durres, Albania. Personal interests include water marbling art (Ebru), traveling and books.