

## Department of Clinical Pharmacy

### **Supervisors**

Prof. Dr. Fikret Vehbi İzzettin

Assoc. Prof. Mesut Sancar

Assoc. Prof. Şule Rabuş

Assist. Prof. Betül Okuyan

### **Research Areas:**

Pharmaceutical care in chronic and acute diseases

Patient education and monitoring

Polypharmacy

Rational drug use in specific patient population

Quality of life

Oncology pharmacy

Drug related problems

Clinical pharmacy services

Medication adherence

### **Recent Publications (2013- 2016)**

- Dinleyici EC, Dalgic N, Guven S, Ozen M, Kara A, Arica V, Metin-Timur O, Sancar M, Kurugol Z, Tanir G, Ozturk D, Aydogdu S, Tutanc M, Eren M, Vandenplas Y. The effect of a multispecies synbiotic mixture on the duration of diarrhea and length of hospital stay in children with acute diarrhea in Turkey: single blinded randomized study. *Eur J Pediatr*. 2013;172(4):459-64. doi: 10.1007/s00431-012-1903-5. PMID: 23239048
- Okuyan B, Sancar M, İzzettin FV. Assessment of medication knowledge and adherence among patients under oral chronic medication treatment in community pharmacy settings. *Pharmacoepidemiol Drug Saf*. 2013;22(2):209-14. doi: 10.1002/pds.3275. PMID: 22514147
- Dalgic N, Karadag CA, Bayraktar B, Sancar M, Kara O, Pelit S, Celebi S, Kafadar I, Dokucu AI. Ertapenem versus standard triple antibiotic therapy for the treatment of perforated appendicitis in pediatric patients: a prospective randomized trial. *Eur J Pediatr Surg*. 2014;24(5):410-8. doi: 10.1055/s-0033-1352524. PMID: 23982816
- Dinleyici EC, Dalgic N, Guven S, Metin O, Yasa O, Kurugol Z, Turel O, Tanir

G, Yazar AS, Arica V, Sancar M, Karbuz A, Eren M, Ozen M, Kara A, Vandenplas Y. Lactobacillus reuteri DSM 17938 shortens acute infectious diarrhea in a pediatric outpatient setting. J Pediatr (Rio J). 2015;91(4):392-6. doi: 10.1016/j.jped.2014.10.009. PMID: 25986615

- Abunahlah N, Sancar M, Dane F, Özyavuz MK. Impact of adherence to antiemetic guidelines on the incidence of chemotherapy-induced nausea and vomiting and quality of life. Int J Clin Pharm. 2016;38(6):1464-1476. Epub 2016 Oct 28. PMID: 27796777
- Yucel E, Sancar M, Yucel A, Okuyan B. Adverse drug reactions due to drug-drug interactions with proton pump inhibitors: assessment of systematic reviews with AMSTAR method. Expert Opin Drug Saf. 2016;15(2):223-36. doi: 10.1517/14740338.2016.1128413. Review. PMID: 26635063
- Apikoglu-Rabus S, Yesilyaprak G, Izzettin FV. Drug-related problems and pharmacist interventions in a cohort of patients with asthma and chronic obstructive pulmonary disease. Respir Med. 2016;120:109-115. doi: 10.1016/j.rmed.2016.10.006. PMID: 27817807
- Aksoy H, Sen A, Sancar M, Sekerler T, Akakin D, Bitis L, Uras F, Kultur S, Izzettin FV. Ethanol extract of Cotinus coggygria leaves accelerates wound healing process in diabetic rats. Pharm Biol. 2016;54(11):2732-2736. PMID: 27180800
- Okuyan B, Babi B, Sancar M, Ay P, Yücel E, Yücel A, Izzettin FV. Validation of the Turkish version of medication regimen complexity index among elderly patients. J Eval Clin Pract. 2016;22(5):732-6. doi: 10.1111/jep.12526. PMID: 26987572
- Aksoy H, Sancar M, Sen A, Okuyan B, Bitis L, Uras F, Akakin D, Cevik O, Kultur S, İzzettin FV. The effect of topical ethanol extract of Cotinus coggygria Scop. on cutaneous wound healing in rats. Nat Prod Res. 2016;30(4):452-5. doi: 10.1080/14786419.2015.1019349. PMID: 2577