



First and Last name: **Abdel Naser Zaid**

Academic degree and position: **Associate Professor, Ph.D**

Specialty: **Pharmaceutical Chemistry and Technology**

Institution: **An-Najah National University-School of Medicine-Public Health Department**

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Biography:

Abdel Naser Zaid is an Associated Professor of Pharmaceutics, and head of the division of Pharmaceutics and Pharmacokinetics, he faculty of Medicine and Health Sciences, An-Najah National University, where he teaches graduate and undergraduate courses in pharmaceutical chemistry and technology, he spent four years at the University of Al-Quds, as instructor from 1998-2002 and was the Supervisor of the Pharmaceutical formulation team at Pharmacare Ltd. Ramallah, West Bank - Palestine. A native of Palestine, Dr. Zaid attended the department of pharmaceutical sciences at Ferrara University where he received his B.A. and Ph.D. with a specialization in Pharmaceutical Chemistry and technology from 1988-1998. He then returned to Palestine in 1998 as Assistant Professor of pharmaceutical chemistry and technology at the Department of Applied Chemistry, College of sciences, Al-Quds University. Dr. Zaid has published more than fifty articles and was co-authored of the pharmaceutics Lab manual. Currently cooperates with the group of professor Baraldi (Ferrara University, Italy) on the synthesis and development of novel drugs in the field of Cancer, Adenosine receptor (antagonists & agonists) and Neuropathic pain. Also he cooperates with professor Cortesi (Ferrara University, Italy) on the liposome and ethosomes. He also collaborates with Dr. Baldelli Francesca (UEA, UK) on the synthesis and biological evaluation of gold- drug loaded nanoparticles.

Teaching courses:

1998- 2002. Al - Quds University:

- Pharmaceutical Technology,
- Organic chemistry,

- Laboratory of pharmaceutical Technology,
- Cosmetics,
- Laboratory of cosmetics,
- Pharmacology,
- Anatomy & Physiology,
- Biology.

2002 – 2008 An-NaJah National University:

- Pharmaceutics; (I, II, & III),
- Pharmaceutics I lab.
- Dispensing and compounding Lab
- Medicinal chemistry II,
- Cosmetics,
- Pharmaceutical Excipients,
- Pharmaceutical sterilization.
- Pharmaceutical Calculation (Pharm D)
- Pharmaceutical Calculations (Master clinical pharmacy).

Research interests:

- Formulation and evaluation of the stability of semisolid dosage forms..
- Formulation and evaluation of the stability of solid dosage forms.
- Formulation and stability evaluation of liquid dosage forms.
- Cosmetic formulations.
- Formulation and evaluation of the stability of liposomes.
- Formulation of Gold- Drug loaded nanoparticles.
- Pharmaceutical analysis and Validation.
- Biopharmaceutics.
- Drug Design and Medicinal chemistry.

Publications:

- **Abdel NaserZaid** et al. Interchangeability between multisource Paracetamol tablets marketed in Palestine. Is there a quality reason for a higher price? Eastern Mediterranean Health Journal. (in press).
- **Zaid AN.**, Qaddumi A. Development and stability evaluation of enteric coated Diclofenac sodium tablets using Sureteric. Pak J Pharm Sci. 2012 Jan;25(1):59-64.
- Baraldi PG, Baraldi S, Saponaro G, Preti D, Romagnoli R, Piccagli L, Cavalli A, Recanatini M, Moorman AR, **Zaid AN**, Varani K, Borea PA, AghazadehTabrizi Novel 1,3-Dipropyl-8-(3-benzimidazol-2-yl-methoxy-1-methylpyrazol-5-yl) xanthines as

Potent and Selective A2B Adenosine Receptor Antagonists. *M. J Med Chem. J Med Chem.* 2012 Jan 26;55(2):797-811.

- **Abdel NaserZaid**, Rowa' J. Al-Ramahi, Abeer Abu Ghoush, AimanQaddumi, Yara Abu Zaaror. Weight and content uniformity of Lorazepam half-tablets: A study of correlation of a low drug content product. *SPJ* (Available online 5 January 2012).
- **Zaid AN.**, Abu Ghoush A., Al-Ramahi R., Ara'r M. Evaluation of the discrepancy between the European Pharmacopoeia test and the adopted United States Pharmacopoeia test with regard to weight uniformity of scored tablet halves: Harmonization is required. *PDA Journal of Pharmaceutical Science and technology* 2012 Jan 1;66(1):20-7.
- **Zaid AN**, Qaddomi A, Khammash S. Formulation and comparative bioavailability of 2 ciprofloxacin sustained release tablets. *Arzneimittelforschung.* 2012 Jul;62(7):319-23.
- **Zaid Abdel Naser**, MalkiehNuman, Kharoaf Maher, GhoushAbeer Abu, Al-RamahiRowa'. Formulation and Stability Evaluation of Extemporaneously Prepared Atenolol Capsules from Crushed Atenolol Tablets. Issue; 2012 - Volume 16, Number 4.
- Abdel NaserZaid, Rowa' Al-Ramahi, Abeer Abu Ghoush, NumanMalkieh, Maher Kharoaf. Influence of physical factors on tablet splitting, weight and content uniformity of atenolol tablets. Journal of Pharmaceutical Investigation (Available online August 2012).
- Maher Kharoaf, NumanMalkieh, MuradAbualhasan, RaqiShubitah, NidalJaradat, **Abdel NaserZaid**. Tablet formulation and development of a validated stability indicating HPLC method for quantification of valsartan and hydrochlorothiazide combination. *International Journal of Pharmacy and Pharmaceutical Sciences.* 4(3-Vol 4, Issue 3, 2012).
- **Abdel NaserZaid**, Row' Al Ramahi. Knowledge and attitudes of Plaestinain university students toward the use of sunscreens. *Asian Journal of Pharmaceutical and Clinical Research.* Vol 5, Issue 3, 2012.
- **Abdel NaserZaid**, AymanQaddomi, SaedKhammash. Formulation of bifonazole powder and development of a new stability indicating HPLC method for its analysis. *Journal of Pharmacy Research* 2012,5(4),1857-1861.
- **Abdel NaserZaid**, Rita Cortesi, AimanQaddomi, SaedKhammash. Formulation and Bioequivalence of Two Valsartan Tablets After a Single Oral Administration. *Sci Pharm.* 2011,79 (1) :123-135.
- **Zaid AN**, Abu Ghosh. Compliance of scored tablet halves produced by Palestinian pharmaceutical companies with the new European Pharmacopoeia Requirements. *Arch. Pharmcal Res.* 2011.
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- **Abdel NaserZaid**, Rowa, Al-Ramahi, QusaiShahed, BelalSaleh and JosepheanElaraj. Determinants and frequency of pharmaceutical compounding in pharmacy practice in Palestine. *International Journal of Pharmacy Practice.* 2012 Feb;20(1):9-14.

- **Abdel NaserZaid.** Formulation of povidone iodine toothpaste and evaluation of its chemical stability, *Asian Journal of Pharmaceutics*. 2011,5:2, 125-128.
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- **Zaid AN,** Abu GhoshAbeer, Kettane, Weight Uniformity of Scored Tablet Halves Manufactured by Palestinian Pharmaceutical Companies; *International Journal of Pharmaceutical Compounding*. 2010May/ June; 257-260.
- **Abdel NaserZaid,** Attitude and perception of patients and health care practitioners toward oral sustained release dosage forms in Palestine. *Saudi Pharmaceutical Journal* (2010) 18, 251–25.
- **Zaid AN,** Cortesi R, Kort J, Sweileh W. Interchangeability of two 500 mg amoxicillin capsules with one 1000 mg amoxicillin tablet after a single oral administration. *Indian J Pharm Sci*. 2010;72(4):414-20.
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- **Abdel Naser Zaid**, Abeer O. Abu Ghosh, , Waleed M. Sweileh, Samah W. Al-Jabi, Nidal A. Jaradat, Chewable Tablets: Is this Dosage Form Well Evaluated by Palestinian Health Professionals?, *The Islamic Un. J.*, 2007, 15 (2): 83-94.
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