



# DR. JAMEEL F. BZOUR

**Assistant Professor of Immunology & Clinical Chemistry**

## CONTACT

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## ADMINISTRATIVE POSITIONS

### Vice Dean, 2013-2015

Faculty of Allied Medical Sciences,  
Zarqa University

### General Manager and Lab Manager, 2008-2011

Competencies Company for Medical  
Services Management

## EDUCATION

### **PhD (2011), Jordan University**

Immunology  
Grade: Excellent

### **MSc (2001), Jordan University**

Medical Laboratory Sciences  
Grade: Excellent

### **BSc (1991), Jordan University of Science & Technology (JUST)**

Medical Laboratory Sciences  
Grade: Good

## WORK EXPERIENCE

### **Al-Balqa' Applied University, Full-time lecturer (with the rank of assistant professor)**

09/2017–08/2023

Teaching courses for medical laboratory sciences major

### **Zarqa University, Assistant Professor**

09/2011–08/2017

Teaching courses for medical laboratory sciences students

### **The Hashemite University, Part-time Assistant Professor**

2013–2014

Teaching Clinical Chemistry & Immunology Courses for Medical Laboratory Sciences Students

### **Aramco (Saudi Arabia), Medical Laboratory Specialist**

2002–2005

### **Islami Hospital, Medical Laboratory Technologist**

1993–1999

## RESEARCH INTEREST

- Searching for natural products from plant extracts that boost immune response against infectious diseases and increase resistance to germs.
- Searching for new laboratory indicators that help diagnose and follow up diseases related to the immune system.
- Studying the relationships of clinical chemistry tests to diseases in terms of diagnosis, follow-up, response to treatments, development of the disease condition, classification of its degree, their quality, reliability and comparison of laboratory techniques.

## REFERENCES

References available upon request.

## PUBLICATIONS

- **Bzour J.** (et al) **(2024)**. The relationship of selected biomarkers of gut microbiota dysbiosis with adiposity and metabolic risk factors in nascent metabolic syndrome patients. **Pharmacy Practice**. In press
- Kasabri, V., Akour, A., Bulatova, N., Suyagh, M., Yousef, A. M., Al Hawari, H., Al Shelleh, S., **Bzour, J.**, & Fahmawi, H. **(2020)**. A Pre-Post Study of Vitamin D Supplement Effects on Urinary Megalin: The Emerging Predictive Role of Megalin in Diabetic Nephropathy Progression. **Endocrine, metabolic & immune disorders drug targets**, 20(9), 1552–1557.
- Aleidi, S. M., Shayeb, E., **Bzour, J.**, Abu-Rish, E. Y., Hudaib, M., Al Alawi, S., & Bustanji, Y. **(2019)**. Serum level of insulin-like growth factor-I in type 2 diabetic patients: impact of obesity. **Hormone molecular biology and clinical investigation**, 39(1), 10.1515/hmbci-2019-0015.
- Kasabri, V., Shawakri, E., Akour, A., Naffa, R., Khawaja, N., Al-Sarraf, I., & **Bzour, J.** **(2018)**. Cross-sectional correlates of increased IL-18 but reduced fetuin-A and oxytocin with adiposity and blood indices in metabolic syndrome patients with and without prediabetes. **Therapeutic advances in endocrinology and metabolism**, 9(12), 329–338.
- **Bzour, J.**, Oran, S.A., Khaleel, M.A., Mashallah, S., & Bustanji, Y.K. **(2011)**. Inhibitory effects of methanolic extract of *Salvia fruticosa* Mill. on pro-inflammatory cytokines production in RAW 264.7 *in vitro* cellular model and in Balb/c mice *in vivo* animal model. **Journal of Medicinal Plants Research**, 5, 6662-6671.

## COURSES TAUGHT

### For MSc

- **Advanced Clinical Chemistry Immunology** (Al-Balqa' Applied University)

### For BSc

- **Immunology & Serology** (Al-Balqa' Applied University, Zarqa University, The Hashemite University)
- **Clinical Chemistry** (Al-Balqa' Applied University, Zarqa University)
- **Biochemistry** (Zarqa University)
- **Body Fluids** (Al-Balqa' Applied University)
- **Endocrinology** (Al-Balqa' Applied University, Zarqa University)
- **Hematology** (Al-Balqa' Applied University, Zarqa University)
- **Field Training Supervisor for Medical Laboratory Students** (Al-Balqa' Applied University, Zarqa University)