

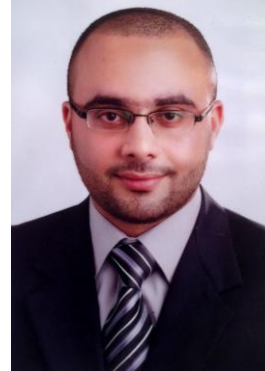
## CURRICULUM VITAE

# Yahia Zakaria Abdelqader Tabaza

### PERSONAL DATA:

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Email: yahia\_tabaza@hotmail.com  
Work number: 00962-6-5355000 ext. 23257  
Place and date of birth: Amman, Jordan on 17/04/1989.  
Nationality: Jordanian.  
Marital status: Married.  
Address: Dahiet Al Rasheed,  
Amman, Jordan.



### EDUCATION:

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2015 – 2018: Ph.D. in Pharmacy and Biomedical Sciences:  
Strathclyde Institute of Pharmacy and Biomedical  
Sciences,  
Faculty of Science,  
University of Strathclyde,  
Glasgow, United Kingdom.

**Thesis title:** "Implementing Metabolomics Tools in the  
Search for New Anti-Proliferative Agents from the Plant-  
Associated Endophytes".

1<sup>st</sup> Supervisor: Dr. Ruangelie Edrada-Ebel

2<sup>nd</sup> Supervisor: Dr. David Watson

3<sup>rd</sup> Supervisor: Mrs. Loiuise Young

2011 – 2014: M.Sc. in Pharmaceutical Sciences:  
Department of Pharmaceutical Sciences,  
Faculty of Pharmacy,  
The University Of Jordan,  
Amman, Jordan.

**Thesis title:** "Implementation of chemometrics in  
studying drug-excipient compatibility for ciprofloxacin as  
a model. Quality by design approach".

Supervisor: Dr. Muhammad Alzweiri  
Co-supervisor: Dr. Hatim Alkhatib

GPA: 3.88 out of 4 (Excellent).

2006 – 2011: B.Sc. in Pharmacy:  
Faculty of Pharmacy,  
The University Of Jordan,  
Amman, Jordan.

GPA: 3.52 out of 4 (Very good).

2005 – 2006: High school (Tawjihi):  
Helwan High School,  
Sharjah, United Arab Emirates.

Average: 99% (Ranking: 11<sup>th</sup> on the country level)

## LANGUAGES:

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Arabic: Mother tongue.  
English: Excellent written, read and spoken.  
IELTS score, in 2014: 7.5 out of 9.

## WORK EXPERINCE:

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Jun 2018 – Present: **Assistant Professor:**  
The University of Jordan,  
Amman, Jordan.

Feb 2012 – Feb 2015: **Teaching Assistant:**  
The University of Jordan,  
Amman, Jordan.

### **Courses taught:**

- Phytochemical Analysis – Practical.
- Medicinal Chemistry – Practical.
- Pharmaceutical Organic Chemistry – Practical.
- Pharmaceutical Chemical Analysis – Practical.

As TA I sole-taught all courses listed here. Average number of students taught was 100 student per course in a semester.

May 2011 – Dec 2011: **Purchaser:**  
Ismailiya Medical Company,  
Amman, Jordan.

## **RESEARCH:**

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### **Research Interests:**

- Purification, isolation and identification of biologically active secondary metabolites from plants and plant-associated endophytes. This relies on metabolomics and chromatography for isolation and NMR for structure elucidation and identification of compounds.
- Implementing chemometrics and multivariate analysis as tools in pharmacy and natural product research for media optimisation, quality control and taxonomy.

### **Research Skills:**

Extensive knowledge of:

- De novo structure elucidation of organic compounds, including secondary metabolites and drugs, using NMR and LC-HRMS.
- Chromatographic techniques for both analytical and preparative purposes, including:
  1. HPLC-UV.
  2. LC-MS and LC-HRMS.
  3. TLC and Preparative TLC.
  4. Open Column Chromatography.
  5. MPLC (VLC).
  6. GC-MS.
- NMR; instrumentation and elucidation including both 1D and 2D experiments.
- Chemometrics, multivariate analysis, metabolomics and dereplication (using SIMCA and MZmine).
- Extraction of natural products (Soxhlet extraction, solvent extraction and distillation).
- Tissue culture.
- Cell viability and cytotoxicity assays.
- PCR and ITS gene sequencing.
- Fermenting fungi.
- Obtaining endophytes from host plants and maintaining their growth and production of natural products.

Good knowledge of:

- General analytical and organic chemistry skills (UV spectroscopy, IR spectroscopy, chemical analysis and synthesis of organic compounds and drugs).

- Some skills in pharmaceuticals, including: DSC, dissolution, tableting and film coating.
- Statists (using MINITAB).

## CONFERENCES:

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25 – 26 Sep 2017: International Conference on Natural Product Biotechnology.  
Aberdeen, UK.

**Short lecture:** "Implementing metabolomic tools in the search for new cytotoxic agents from the endophyte *Chaetomium subaffine*"

3 – 7 Sep 2017: The 65<sup>th</sup> International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA).  
Basel, Switzerland

**Short lecture:** "Implementing metabolomic tools in the search for new cytotoxic agents from the endophyte *Chaetomium subaffine*"

**Workshop:** Young Researchers.

30 Aug – 2 Sep 2015: The 9<sup>th</sup> European Conference on Marine Natural Products.  
Glasgow, UK.

**Volunteer and usher.**

19 – 22 Nov 2012: The 6<sup>th</sup> International conference of the Royal Medical Services.  
Dead Sea, Jordan

**Workshops:**

Pharmaceutical Care and Medicines Management.  
Pharmacoeconomics Measuring and Estimating Costs.

19 – 22 Nov 2012: The 15<sup>th</sup> Scientific congress of the Association of the Pharmacy Colleges in the Arab World and the 3<sup>rd</sup> International Conference of the Faculty of Pharmacy/JU "Recent Trends and Advances in Pharmacy".  
Amman, Jordan

## **PUBLICATIONS:**

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- **Manuscripts, waiting for acceptance:**
  1. **Yahia Tabaza**, Louise Young and RuAngelie Edrada-Ebel; Isolation of cytotoxic curvularin-type metabolites from the endophyte *Curvularia australiensis* obtained from the plant *Anthemis palestina* with the aid of metabolomics.
  2. **Yahia Tabaza**, Louise Young and RuAngelie Edrada-Ebel; Implementing metabolomics tools in the search for new cytotoxic agents from the endophyte *Chaetomium subaffine* isolated from the plant *Anthemis palestina*.
  3. **Yahia Tabaza**, Louise Young and RuAngelie Edrada-Ebel; Implementing metabolomics tools in the search for enniatins as cytotoxic agents from the endophyte *Fusarium acuminatum* isolated from the plant *Anthemis palestina*.

## **PROFESSIONAL MEMBERSHIPS:**

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- Member in the Jordan Pharmacists association.
- A previous member in the "Marketing and business development" committee in the Jordan Pharmacists association.

## **TRAINING COURSES:**

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- May 2015 – May 2018: Researcher Professional Development Programme; University of Strathclyde, Glasgow, UK.  
This programme included 60 credits in different subjects that are relevant to researchers, including:
- Research ethics.
  - Project management in the real world.
  - Navigating Peer Review.
  - Grant applications.
  - Writing and presenting research.
  - Teaching.
- 14 Apr 2013: Negative Energy and its effects on health; University of Jordan, Amman, Jordan.
- 5 – 6 Mar 2013: Awaken your hidden power (Speaker); University of Jordan, Amman, Jordan.

## **SKILLS AND ACTIVITIES:**

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- Excellent organisation skills and planning.
- Excellent IT skills, including knowledge of MS Office, typing and internet.
- Conducted many revision lectures for pharmacy students during my stay as B.Sc. and M.Sc. student in JU for different courses. Including; organic chemistry, pharmaceutical chemical Analysis, instrumental Analysis, phytochemical analysis and pharmacokinetics.
- Was a member in “Smurfs guiding team” which was responsible for welcoming new students at the University of Jordan and helping them during their enrollment and first days at JU.
- Volunteered in “Eye on future” initiative which was targeting high school students to let them know about the different majors available to study in the universities.
- Was a member in “School radio” and "School musical" teams in school.
- Blogger at Aljazeera blogs.
- Interested in football and football tactics. Was a moderator in the tactical section in kooora forums, as well as a member of the board of directors, the vice president and the president in Juventus’ newspaper in the Italian football section in kooora forums. Was a writer in [www.Juventusarabia.net](http://www.Juventusarabia.net) as well.

## **REFERENCES:**

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- Dr. RuAngelie Edrada-Ebel;  
Strathclyde institute of Pharmacy and Biomedical Sciences,  
Faculty of Science,  
University of Strathclyde,  
Glasgow, UK.  
ruangelie.edrada-ebel@strath.ac.uk
- Prof. Muhammed Hashem Alzweiri;  
Department of Pharmaceutical Sciences,  
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