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# Curriculum Vitae

## 1. Basic Information

Full Name in Arabic: آية محمد رضا مصطفى برسيم	Full name in English: <b>Aya Mohamed Reda Mostafa Barseem</b>	
Current Position:	<b>Lecturer of Analytical Chemistry</b>	
Affiliation:	<b>Faculty of Pharmacy, Menofia University</b>	
Nationality:	<b>Egyptian</b>	
Date of Birth: dd/mm/year	<b>20-10-1984</b>	
National ID (14 digits)	<b>28410201700522</b>	
Last University Degree: <b>PhD.</b>	Faculty, University, Country: <b>Faculty of Pharmacy, Tanta University, Egypt</b>	
Title:	<b>“Analytical Study of Some Drugs Containing Heterocyclic Rings ”</b>	
Field of specialization:	<b>Spectroscopy and Chromatography applications</b>	
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## 2. Scientific Achievements

### CONFERENCES

- The 2<sup>nd</sup> international Pharmaceutical Sciences Conference" Pharmaceutical & therapeutic science ( challenge & hope) towards better health care” Menoufia University, Egypt (2023).
- The first international Conference of the faculty of pharmacy Delta university for science and technology" Innovative research in pharmacy and bioscience” (2021) .
- The first international Pharmaceutical Sciences Conference" Drug development: from bench side to bedside” Menoufia University, Egypt (2018).
- The 5th international conference on advances in chemistry and applied chemistry (ICACAC-5), Chemical Industries Research Division- National Research Center-Egypt (2014).
- The 1th international pharmaceutical sciences conference “Pharmacy education and community Expectations”, Faculty of Pharmacy, Tanta University (2009).

### WORKSHOPS

- Organization of Scientific Conferences.
- Strategic Planning.
- Scientific Research Ethics.
- Scientific publication.
- Quality in Teaching Process.
- Work Ethics.

## LIST OF PUBLICATIONS IN LAST FIVE YEARS

Authors	Publication Title	Journal	Year	Impact Factor or Q-Ranking
F Belal, M Mabrouk, S Hammad, <u>A Barseem</u> , H Ahmed	Multi- Spectroscopic, thermodynamic and molecular docking studies to investigate the interaction of eplerenone with human serum albumin	<a href="#">The journal of Biological and Chemical of Luminescence</a>	2022	<u>2.464</u>
F Belal, M Mabrouk, S Hammad, <u>A Barseem</u> , H Ahmed	One-pot synthesis of fluorescent nitrogen and sulfur-carbon quantum dots as a sensitive nanosensor for trimetazidine determination	<a href="#">The journal of Biological and Chemical of Luminescence</a>	2021	<u>2.464</u>
F Belal, M Mabrouk, S Hammad, <u>A Barseem</u> , H Ahmed	A Novel Eplerenone Ecofriendly Fluorescent Nanosensor Based on Nitrogen and Sulfur-Carbon Quantum Dots	<a href="#">Journal of Fluorescence</a>	2021	<u>2.217</u>
F Belal, Y El-Shabrawy, <u>A Barseem</u> , H Ahmed	The use of green spectroscopy with multivariate calibration models for simultaneous analysis of ternary drug mixture in combined oral antidiabetic pill	<a href="#">Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</a>	2020	<u>4.098</u>
H Ahmed, Y El-Shabrawy, <u>A Barseem</u> , F Belal	The use of complex formation approach for spectroscopic analysis of certain oral hypoglycemic with Eosin Y	<a href="#">Microchemical Journal</a>	2019	<u>4.821</u>
<u>A Barseem</u> , H Ahmed, Y El-Shabrawy, F Belal	The use of SDS micelles as additive to increase fluorescence analysis of sitagliptin and saxagliptin derivatives in their tablets and human plasma	<a href="#">Microchemical Journal</a>	2019	<u>4.821</u>
NAS El Din, <u>A Barseem</u>	Synthesis and Computational Studies on Indole Sulfonamide Derivatives a New Class of Anti breast cancer agents	<a href="#">Asian Journal of Biochemical and Pharmaceutical Research</a>	2017	<u>0.698</u>
NS El-Din, <u>A Barseem</u>	Synthesis, bioactivity and docking study of some new indole-hydrazone derivatives	<a href="#">Journal of Applied Pharmaceutical Science</a>	2016	<u>1.41</u>

## SKILLS

- Achievement of English language program offered by faculty of education Tanta University.
- Achievement of post graduate computer course by ICTC, development center Tanta University.
- Achievement of International Computer Driving license modules (ICDL V5).