

- **Name:** Tamer Abd Al-Aziz Abd Al-Salam Al-Shafie
- **Title:** Lecturer of Medical Biochemistry and Cancer Biology
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Biography

- **Doctoral Degree (2013)**
In: Cancer Biology (Medical Biochemistry and Molecular Biology)
National Cancer Institute NCI- Cairo University
Thesis: "An ex vivo Study on Stem Cells Isolated from Patients with Hepatocellular Carcinoma"
- **Master Degree (2005)**
In: Biochemistry
Faculty of Science - Ain Shams University
Thesis: "A Biochemical Study on Non-hepatic Hyperammonemia in Egyptian Infants"
- **Bachelor Degree (1993)**
In: Biochemistry
Faculty of Science - Ain Shams University

Research interest

- Cancer Metabolism / Biochemistry of Cancer
- Stem Cell Biology and Applications for Cancer Therapy

Publications

- Tamer A. Al-Shafie, Alaa Ismail, Abeer M. Ashmawy, Abeer M. Elsayed, Motawa E. El-Houseini. **Inhibition of c-kit in Late Cirrhosis may restore TGF- β Inhibitory Effect on Somatic Liver Stem Cells and Prevent Development of Hepatocellular Carcinoma.** Life Science Journal 2014; 11(11).
- Tamer A. Al-Shafie, Alaa Ismail, Abeer M. Ashmawy, Abeer M. Elsayed, Motawa E. El-Houseini. **A Cost-Saving technique of human somatic liver Stem cells isolation for characterization and ex vivo propagation.** International Journal of Pharmaceutical, Biological and Chemical Sciences (IJPBCS) - Apr-Jun 2015 -Vol 4 - Issue 2 |40-49

Professional and scientific Activities
(optional)

Teaching courses:

- Medical Biochemistry
- Cell and Molecular Biology
- Clinical Chemistry
- Hematology
- Complementary and Alternative Therapy

Undergraduate Student Project Supervision:

Graduation Projects:

(Faculty of Pharmacy & Drug Manufacturing PUA 2015/2016)

- Prevention against Hepatocellular Carcinoma: Role of Coffee, Metformin and Natural Agents.
- Chemotherapy Resistance: How to overcome?

Field Projects:

(Faculty of Pharmacy & Drug Manufacturing PUA 2014/2015)

- Assessment of Clinical use of RAS Inhibitors: A Patient Questionnaire-Based Study

Scientific Talks:

1. Weekly Scientific Day - Cancer Biology Dept. NCI 30/12/2014
"Speaker" Title of the talk: "**Targeting Metabolic Transformation: A New Approach to Cancer Therapy**"
2. Annual Scientific Day-Pharmacology / Toxicology Dept. PUA 23/12/2014 "Speaker" Title of the talk: "**Targeting Metabolic Transformation: A New Approach to Cancer Therapy**"
3. Faculty of Pharmacy Scientific Day: On Tuesday - 12/05/2015 Title of the talk: "**Basic Introduction to Proteomics**"

Conferences:

1. **BIOCHEM CAIRO – 12nd March 2016. Third Annual Conference of Medical Biochemistry and Molecular Biology.** Kasr Al-Aini School of Medicine Cairo University
2. **1st PUA International Conference on:"Advances in Pharmaceutical Sciences" Tue. 27th – Thurs. 29th Oct. 2015. PUA Grand Hall. Participation:**

(Poster Presentation): Metabolic Transformations in Hepatocellular Carcinoma: Current Diagnostic and Therapeutic Approaches.

(Poster Presentation): Inhibition of C-kit in Late Cirrhosis may restore TGF- β Inhibitory Effect on Somatic Liver Stem Cells and Prevent Development of Hepatocellular Carcinoma.

3. **Pharmaceutical Biotechnology Conference. 24th – 25th December 2014.** IGSR Biotechnology Scientific Society.
4. **6th International and 18th Annual Conference on: "Multidisciplinary Approach in Cancer Management. 23rd – 26th September 2014.** Medical Research Centre Alexandria University.

Workshops:

1. **Basic Introduction to Proteomics: MALDI TOF/TOF 22nd April 2015.** Faculty of Medicine Alexandria University.
2. **Gene Expression Analysis on Large Scale Using Microarray and Real Time PCR. 8th – 11th September 2014.** Cairo University Research Park (CURP).

Postgraduate Thesis Supervision:

1. Doctoral Degree Thesis. National Cancer Institute – Cairo University. 25/11/2014. **A Biological Study on the Effect of Transforming Growth Factors on Somatic Liver Stem Cell Biology.** Candidate Name: Mohamed Zaghoul Abdel Aal (In Progress).
2. Doctoral Degree Thesis. National Cancer Institute – Cairo University. 7/5/2016. **A Biological Study on the Effect of Some Natural Agents on Somatic Stem Cells Isolated from Rat Liver.** Candidate Name: Marwa Mahmoud Saleh (In Progress).

Quality Control:

Standard of Scientific Research Chief Executive Officer (at Faculty of Pharmacy & Drug Manufacturing PUA)

Student Activity:

1. Lecture Title: Introduction to Scientific Research
2. Lecture Title: How to Write A Research Proposal and Get a Grant