

Curriculum Vitae

Taha Farouk Shehata Ali, PhD

Assistant professor, Medicinal Chemistry Department,
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Education

2014-2017	PhD of pharmaceutical sciences. <i>speciality:</i> Pharmaceutical Medicinal Chemistry <i>Title:</i> " Design, synthesis and biological evaluation of anticancer and neuroprotective drugs " Bioorganic and Medicinal Chemistry Department, Graduate school of pharmaceutical sciences, Kumamoto University, Kumamoto , Japan. Supervisor: Prof. Masami Otsuka
2012-2014	Guest Scholar Visiting Researcher. <i>speciality:</i> Pharmaceutical Medicinal Chemistry <i>Title:</i> " Design, synthesis and biological evaluation of Brain-targeted drugs " Bioorganic and Medicinal Chemistry Department, Graduate school of pharmaceutical sciences, Kumamoto University, Kumamoto, Japan.
2008-2012	Master of pharmaceutical sciences. <i>speciality:</i> Pharmaceutical Medicinal Chemistry <i>Title:</i> " Synthesis of novel triazole/oxime hybrids as nitric oxide donors with potenial anticancer and anti-inflammatory activities " Medicinal chemistry Department, Faculty of pharmacy, Minia University, Minia, Egypt. Supervisors: Prof. Gel-D Abuo-Rahma and Prof. M. Abdel-Aziz and Dr. E. A. Beshr.
2003-2008	Bachelor of Pharmaceutical Sciences. Faculty of Pharmacy, Minia University, Minia, Egypt.

Work Experience

2017-Present	Assistant professor, Medicinal chemistry Department, Faculty of pharmacy, Minia University, Minia, Egypt.
2012-2017	Graduate Research Assistant, Bioorganic and medicinal chemistry department, Graduate school of pharmaceutical sciences, Kumamoto University, Kumamoto , Japan
2008-2012	Assistant lecturer, Medicinal chemistry department, Faculty of pharmacy, Minia University, Minia, Egypt.

Teaching & Research Experience

2017-Present	Lecturer, Medicinal chemistry Department, Faculty of pharmacy, Minia University, Minia, Egypt.
2012-2017	Graduate Research Assistant, Bioorganic and Medicinal Chemistry Department, Graduate school of pharmaceutical sciences, Kumamoto University, Kumamoto, Japan. Research Advisor: Prof. Masami Otsuka
2008-2012	Teaching Assistant, Medicinal chemistry Department, Faculty of pharmacy, Minia University, Minia, Egypt.

Honors and Awards

- 1- **Japanese Government (Monbukagakusho:MEXT)Scholarship** to study PhD in Pharmaceutical Sciences (Medicinal Chemistry) in Kumamoto University (April 2016- March 2017).
- 2- **Kumamoto University Doctoral Course Scholarship Program (Award)** to pay one-year tuition fees, (April 2014-March 2015).
- 3- **Egyptian Ministry of Higher Education Scholarship** as guest scholar visiting research fellow in Pharmaceutical Sciences (Medicinal Chemistry) at the Faculty of Life Sciences, Kumamoto University (December 2012- March 2014).
- 4- **The Best Master Thesis at Minia University (Award)** for the academic year 2013/2014 (Minia, Egypt).

1. **Ali, Taha F. S.**, Naomi Taira, Kana Iwamaru, Ryoko Koga, Masahiro Kamo, Mohamed O. Radwan, Hiroshi Tateishi, Hiromasa Kurosaki, Mohamed Abdel-Aziz, Gamal El Din A. A. Abuo-Rahma, Eman A. M. Beshr, Masami Otsuka, and Mikako Fujita. **2020**. "HSP70 Induction by Bleomycin Metal Core Analogs." *Bioorganic and Medicinal Chemistry Letters* 30(7):127002.
2. Said, Asmaa Abo Elgoud, **Taha F. S. Ali**, Eman Zekry Attia, Al Shaimaa F. Ahmed, Alaa H. Shehata, Usama Ramadan Abdelmohsen, and Mostafa Ahmed Fouad. **2020**. "Antidepressant Potential of Mesembryanthemum Cordifolium Roots Assisted by Metabolomic Analysis and Virtual Screening." *Natural Product Research* 0(0):1–5.
3. Radwan, Mohamed O., Daisuke Takaya, Ryoko Koga, Kana Iwamaru, Hiroshi Tateishi, **Taha F. S. Ali**, Akifumi Takaori-Kondo, Masami Otsuka, Teruki Honma, and Mikako Fujita. **2020**. "Interruption of Vif/Elongin C Interaction: In Silico and Experimental Elucidation of the Underlying Molecular Mechanism of Benzimidazole-Based APOBEC3G Stabilizers." *Bioorganic and Medicinal Chemistry* 28(8):115409.
4. Aly, Usama Farghaly, Hatem Abdel Monsef Sarhan, **Taha F. S. Ali**, and Hosny Abd El Bakey Sharkawy. **2020**. "Applying Different Techniques to Improve the Bioavailability of Candesartan Cilexetil Antihypertensive Drug." *Drug Design, Development and Therapy* 14:1851–65.
5. Ciftci, Halil I., Mohamed O. Radwan, Safiye E. Ozturk, N. Gokce Ulusoy, Ece Sozer, Doha E. Ellakwa, Zeynep Ocak, Mustafa Can, **Taha F. S. Ali**, Howaida I. Abd-Alla, Nurettin Yayli, Hiroshi Tateishi, Masami Otsuka, and Mikako Fujita. **2019**. "Design, Synthesis and Biological Evaluation of Pentacyclic Triterpene Derivatives: Optimization of Anti-Abl Kinase Activity." *Molecules* 24(19):1–15.
6. **Ali, Taha F. S.**, Halil I. Ciftci, Mohamed O. Radwan, Ryoko Koga, Takeo Ohsugi, Yoshio Okiyama, Teruki Honma, Akiko Nakata, Akihiro Ito, Minoru Yoshida, Mikako Fujita, and Masami Otsuka. **2019**. "New SIRT2 Inhibitors: Histidine-Based Bleomycin Spin-Off." *Bioorganic and Medicinal Chemistry* 27(9):1767–75.
7. Noguchi, Kei, **Taha F. S. Ali**, Junko Miyoshi, Kimihiko Orito, Tetsuya Negoto, Tanima Biswas, Naomi Taira, Ryoko Koga, Yoshinari Okamoto, Mikako Fujita, Masami Otsuka, and Motohiro Morioka. **2019**. "Neuroprotective Effects of a Novel Carnosine-Hydrazide Derivative on Hippocampal CA1 Damage after Transient Cerebral Ischemia." *European Journal of Medicinal Chemistry* 163:207–14.
8. Radwan, Mohamed O., Halil I. Ciftci, **Taha F. S. Ali**, Doha E. Ellakwa, Ryoko Koga, Hiroshi Tateishi, Akiko Nakata, Akihiro Ito, Minoru Yoshida, Yoshinari Okamoto, Mikako Fujita, and Masami Otsuka. **2019**. "Antiproliferative S-Trityl-L-Cysteine -Derived Compounds as SIRT2 Inhibitors: Repurposing and Solubility Enhancement." *Molecules* 24(18).
9. Abdelbaset, Mahmoud S., Mohamed Abdel-Aziz, Mohamed Ramadan, Mostafa H. Abdelrahman, Syed

- Nasir Abbas Bukhari, **Taha F. S. Ali**, and Gamal El Din A. Abuo-Rahma. **2019**. “Discovery of Novel Thienoquinoline-2-Carboxamide Chalcone Derivatives as Antiproliferative EGFR Tyrosine Kinase Inhibitors.” *Bioorganic and Medicinal Chemistry* 27(6):1076–86.
10. Abdelkader, Hamdy, Zeinab Fathalla, Hossam Moharram, **Taha F. S. Ali**, and Barbara Pierscioneck. **2018**. “Cyclodextrin Enhances Corneal Tolerability and Reduces Ocular Toxicity Caused by Diclofenac.” *Oxidative Medicine and Cellular Longevity* 2018.
 11. Altıntop, Mehlika Dilek, Halil Ibrahim Ciftci, Mohamed O. Radwan, Belgin Sever, Zafer Asım Kaplancıklı, **Taha F. S. Ali**, Ryoko Koga, Mikako Fujita, Masami Otsuka, and Ahmet Zdemir. **2018**. “Design, Synthesis, and Biological Evaluation of Novel 1,3,4-Thiadiazole Derivatives as Potential Antitumor Agents against Chronic Myelogenous Leukemia: Striking Effect of Nitrothiazole Moiety.” *Molecules* 23(1).
 12. Ciftci, Halil Ibrahim, Safiye Emirdag Ozturk, **Taha F. S. Ali**, Mohamed O. Radwan, Hiroshi Tateishi, Ryoko Koga, Zeynep Ocak, Mustafa Can, Masami Otsuka, and Mikako Fujita. **2018**. “The First Pentacyclic Triterpenoid Gypsogenin Derivative Exhibiting Anti-ABL1 Kinase and Anti-Chronic Myelogenous Leukemia Activities.” *Biological and Pharmaceutical Bulletin* 41(4):570–74.
 13. Koga, Ryoko, Mohamed O. Radwan, Tomohiko Ejima, Yosuke Kanemaru, Hiroshi Tateishi, **Taha F. S. Ali**, Halil Ibrahim Ciftci, Yuri Shibata, Yuu Taguchi, Jun Ichiro Inoue, Masami Otsuka, and Mikako Fujita. **2017**. “A Dithiol Compound Binds to the Zinc Finger Protein TRAF6 and Suppresses Its Ubiquitination.” *ChemMedChem* 12(23):1935–41.
 14. **Ali, Taha F. S.**, Kana Iwamaru, Halil Ibrahim Ciftci, Ryoko Koga, Masahiro Matsumoto, Yasunori Oba, Hiromasa Kurosaki, Mikako Fujita, Yoshinari Okamoto, Kazuo Umezawa, Mitsuyoshi Nakao, Takuichiro Hide, Keishi Makino, Jun Ichi Kuratsu, Mohamed Abdel-Aziz, Gamal El Din A. A. Abuo-Rahma, Eman A. M. Beshr, and Masami Otsuka. **2015**. “Novel Metal Chelating Molecules with Anticancer Activity. Striking Effect of the Imidazole Substitution of the Histidine-Pyridine-Histidine System.” *Bioorganic and Medicinal Chemistry* 23(17):5476–82.
 15. Abuo-Rahma, Gamal El Din A. A., Mohamed Abdel-Aziz, Eman A. M. Beshr, and **Taha F. S. Ali**. **2014**. “1,2,4-Triazole/Oxime Hybrids as New Strategy for Nitric Oxide Donors: Synthesis, Anti-Inflammatory, Ulcerogenicity and Antiproliferative Activities.” *European Journal of Medicinal Chemistry* 71:185–98.
 16. Abdel-Aziz, Mohamed, Gamal El Din A. A. Abuo-Rahma, Eman A. M. Beshr, and **Taha F. S. Ali**. **2013**. “New Nitric Oxide Donating 1,2,4-Triazole/Oxime Hybrids: Synthesis, Investigation of Anti-Inflammatory, Ulcerogenic Liability and Antiproliferative Activities.” *Bioorganic and Medicinal Chemistry* 21(13):3839–49.

Patents

- 1- Fujita, M.; Otsuka, M.; Kurosaki, H.; **Ali, T. F. S.**; Taira, N, “Preparation of bis-histidine methyl ester derivatives as metal chelators inducing HSP70”, JP2016160223A, **2016**.

Presentations

1. October 2-3, 2016: “**Japan-Turkey International Symposium on Pharmaceutical and Biomedical Sciences (Kumamoto, Japan)**” where I publish a poster titled “*N^τ*-Substituted-L-Histidine Analogues as Anticancer Agents: A Structure-Activity Relationship Study”
2. August 21-25, 2016: “**252nd ACS National Meeting & Exposition (Philadelphia, PA, United States)**” where I publish a poster titled “Design and synthesis of small molecule Hsp70 inducers (MEDI-289)”.
3. March, 25-28, 2015: “**The 135th Annual Meeting of the Pharmaceutical Society of Japan in Kobe**” where I give an oral presentation titled “Novel metal chelating molecules with anticancer activity”
4. December, 20-22, 2011: “**32nd Conference of Pharmaceutical Sciences Egyptian Pharmaceutical Society**” where I publish a poster titled “Synthesis of novel oxime-containing 1,2,4-triazole-3-thiol derivatives with potential analgesic and anti-inflammatory activities”.

References

- 1- Prof. **Masami Otsuka** (Kumamoto University, Japan)
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- 2- Prof. **Teruki Honma** (RIKEN Institute, Yokohama, Japan)
Tel: +81- (0)45-503-9433. E-mail: honma.teruki@riken.jp
- 3- Prof. **Gamal El-Din A.A. Abuo-Rahma** (Minia University, Egypt)
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