

## FACULTY MEMBER CREDENTIALS

	<b>First Name</b>	Hamadeh
	<b>Last Name</b>	Tarazi
	<b>Job Title</b>	Lecturer
	<b>Nationality</b>	Jordanian
	<b>Date of Birth</b>	08-01-1978
	<b>Gender</b>	Male
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## EDUCATIONAL BACKGROUND

<b>From</b>		<b>To</b>		
MM	YY	MM	YY	
09	2001	02	2004	<b>M.Sc. Degree in Pharmaceutical Sciences/Drug Design</b> University of Jordan, Amman, Jordan.
09	1996	02	2001	<b>B.Sc. Degree in Pharmacy (B.Sc. Pharm)</b> Philadelphia University, Amman, Jordan.

## PROFESSIONAL SUMMARY

From		To		Notes
MM	YY	MM	YY	
09	2011	-	-	<b>Lecturer</b> , Department of Medicinal Chemistry, College of Pharmacy, University of Sharjah. To Date.
09	2009	08	2011	<b>Lecturer</b> , Department of Pharmaceutical Chemistry, College of Pharmacy, Prince Sattam Bin Abdel-Aziz University.
02	2004	08	2009	<b>Lecturer</b> , Department of Pharmaceutical Sciences, Faculty of Pharmacy, Philadelphia University.
02	2001	01	2004	<b>Lab Supervisor</b> , Department of Pharmaceutical Sciences, Faculty of Pharmacy, Philadelphia University.
06	2002	09	2002	<b>Research Assistant (PT)</b> , Hamdi Mango Center for Scientific Research (HMCSR), University of Jordan.
07	2001	10	2001	<b>Teaching Assistant</b> , Faculty of Pharmacy, University of Jordan.

## PUBLICATIONS

From Recent to Older

YY	Publication
2024	Design, synthesis, biological evaluation, and in silico studies of novel pyridopyridine derivatives as anticancer candidates targeting FMS kinase. Anusha Sebastian, Reinad R Abu Rabah, Seyed-Omar Zaraei, Srinivasulu Vunnam, Shaista Sultan, Hanan S Anbar, Randa El-Gamal, <b>Hamadeh Tarazi</b> , Nadin Sarg, Dima W Alhamad, Salma A Al Shamma, Afnan I Shahin, Hany A Omar, Taleb H Al-Tel, Mohammed I El-Gamal (2024). <i>European Journal of Medicinal Chemistry: Vol. 274, Article number 116557.</i>
2024	An overview of RAF kinases and their inhibitors (2019–2023). Omar Hashem, Afnan I. Shahin, Manar A. Al Hindawi, Mohamed F. Fageeri, Saif A. Al-Sbbagh, <b>Hamadeh Tarazi</b> , Mohammed I. El-Gamal (2024). <i>European Journal of Medicinal Chemistry: Vol. 275, Article number 116631.</i>
2024	Metabolomics and Proteomics in Prostate Cancer Research: Overview, Analytical Techniques, Data Analysis, and Recent Clinical Applications. Fatima M. Al-Daffaie, Sara F. Al-Mudhafar, Aya Alhoms, <b>Hamadeh Tarazi</b> , Ahmed M. Almehdi, Waseem El-Huneidi, Eman Abu-Gharbieh, Yasser Bustanji, Mohammad A. Y. Alqudah, Ahmad Y. Abuhelwa, Adnane Guella, Karem H. Alzoubi, Mohammad H. Semreen (2024). <i>International Journal of Molecular Sciences: Vol. 25, Issue. 10, Article Number 5071.</i>

- 2024** Design, synthesis and mechanistic anticancer activity of new acetylated 5-aminosalicylate-thiazolinone hybrid derivatives. Wafaa S. Ramadan, Maha M. Saber-Ayad, Ekram Saleh, Hajjaj H.M. Abdu-Allah, Abdel-Nasser A. El-Shorbagi, Varsha Menon, **Hamadeh Tarazi**, Mohammad H. Semreen, Nelson C. Soares, Shirin Hafezi, Thenmozhi Venkatakhilam, Samrein Ahmed, Osamu Kanie, Rifat Hamoudi, and Raafat El-Awady (2024). *iScience: Vol. 27, Issue. 1, Article Number 108659*.
- 2023** Discovery of novel papain-like protease inhibitors for potential treatment of COVID-19. Fatema Hersi, Anusha Sebastian, **Hamadeh Tarazi**, Vunnam Srinivasulu, Ahmed Mostafa, Abdou Kamal Allayeh, Cong Zeng h, Ibrahim Y. Hachim, Shan-Lu Liu, Imad A. Abu-Yousef, Amin F. Majdalawieh, Dana M. Zaher, Hany A. Omar, Taleb H. Al-Tel (2023). *European Journal of Medicinal Chemistry: Vol. 254, Article number 115380*.
- 2022** Design, synthesis, and biological evaluation of a new series of pyrazole derivatives: Discovery of potent and selective JNK3 kinase inhibitors. Reinad R. Abu Rabah, Anusha Sebastian, Srinivasulu Vunnam, Shaista Sultan, **Hamadeh Tarazi**, Hanan S. Anbar, Mahmoud K. Shehata, Seyed-Omar Zaraei, Sara M. Elgendy, Salma A. Al Shamma, Hany A. Omar, Taleb H. Al-Tel, Mohammed I. El-Gamal (2022). *Bioorganic and Medicinal Chemistry: Vol. 69, Article number 116894*.
- 2022** Design and synthesis of new quinoline derivatives as selective C-RAF kinase inhibitors with potent anticancer activity. Seyed-Omar Zaraei, Nour N. Al-Ach, Hanan S. Anbar, Randa El-Gamal, **Hamadeh Tarazi**, Rimas T. Tokatly, Rawan R. Kalla, Mouna A. Munther, Marwa M. Wahba, Aya M. Alshihabi, Mahmoud K. Shehata, Rawan M. Sbenati, Afnan I. Shahin, Raafat El-Awady, Taleb H. Al-Tel, Mohammed I. El-Gamal (2022). *European Journal of Medicinal Chemistry: Vol. 238, Article number 114434*.
- 2021** A review of her4 (ErbB4) kinase, its impact on cancer, and its inhibitors. Mohammed I. El-Gamal, Nada H. Mewafi, Nada E. Abdelmotteleb, Minnatullah A. Emara, **Hamadeh Tarazi**, Rawan M. Sbenati, Moustafa M. Madkour, Seyed-Omar Zaraei, Afnan I. Shahin and Hanan S. Anbar (2021). *Molecules: Vol. 26, Issue. 23, Article Number 7376*.
- 2021** Discovery of Novel Small-Molecule Inhibitors of SARS-CoV-2 Main Protease as Potential Leads for COVID-19 Treatment. Anjela Manandhar, Vunnam Srinivasulu, Mohamad Hamad, **Hamadeh Tarazi**, Hany Omar, Dennis J. Colussi, John Gordon, Wayne Childers, Michael L. Klein, Taleb H. Al-Tel, Magid Abou-Gharbia, and Khaled M. Elokely (2021). *Journal of Chemical Information and Modeling: Vol. 61, Issue. 9, Pages 4745 – 4757*.
- 2021** Current Status of Baricitinib as a Repurposed Therapy for COVID-19. Maha Saber-Ayad, Sarah Hammoudeh, Eman Abu-Gharbieh, Rifat Hamoudi, **Hamadeh Tarazi**, Taleb H. Al-Tel and Qutayba Hamid (2021). *Pharmaceuticals: Vol. 14, Issue. 7, Article Number 680*.
- 2021** Discovery of first-in-class imidazothiazole-based potent and selective ErbB4 (HER4) kinase inhibitors. Seyed-Omar Zaraei, Rawan M. Sbenati, Nour N. Alach, Hanan S. Anbar, Randa El-Gamal, **Hamadeh Tarazi**, Mahmoud K. Shehata, Mohammed S. Abdel-Maksoud, Chang-Hyun Oh, Mohammed I. El-Gamal (2021). *European Journal of Medicinal Chemistry: Vol. 224, Article number 113674*.
- 2021** Camel whey protein hydrolysates induced G2/M cellcycle arrest in human colorectal carcinoma. Chandraprabha Murali, Priti Mudgil, Chee-Yuen Gan, **Hamadeh Tarazi**, Raafat El-Awady, Youssef Abdalla, Amr Amin & Sajid Maqsood (2021). *Scientific Reports: Vol. 11, Issue. 1, Article Number 7062*.

- 2021** Design, synthesis, biological evaluation, and modeling studies of novel conformationally-restricted analogues of sorafenib as selective kinase- inhibitory antiproliferative agents against hepatocellular carcinoma cells. Rawan M. Sbenati, Seyed-Omar Zaraei, Mohammed I. El-Gamal, Hanan S. Anbar, **Hamadeh Tarazi**, Malaka M. Zoghbor, Najma A. Mohamood, Mahta M. Khakpour, Dana M. Zaher, Hany A. Omar, Nour N. Alach, Mahmoud K. Shehata, Randa El-Gamal (2021). *European Journal of Medicinal Chemistry: Vol. 210, Article number 113081*.
- 2020** Possible metabolic conversion of pinene to ionone. Taleb H. Al-Tel, **Hamadeh Tarazi**, Lujain O. Aloum, Dietrich E. Lorke, Georg A. Petroianu (2020). *Pharmazie: Vol. 75, Issue. 7, Pages 360-363*.
- 2020** Imidazothiazole-based potent inhibitors of V600E-B-RAF kinase with promising anti-melanoma activity: biological and computational studies. Hanan S. Anbar, Mohammed I. El-Gamal, **Hamadeh Tarazi**, Bong S. Lee, Hong R. Jeon, Dow Kwon, Chang-Hyun Oh (2020). *Journal of Enzyme Inhibition and Medicinal Chemistry: Vol. 35, No. 1, Pages 1712-1726*.
- 2020** Conjugation of 4-aminosalicylate with thiazolinones afforded non- cytotoxic potent in vitro and in vivo anti-inflammatory hybrids. Hajjaj H. M. Abdu-Allah, Alshaimaa A. B. Abdelmeoaz, **Hamadeh Tarazi**, Abdel-Nasser A. El-Shorbagi, Raafat El-Awady (2020). *Bioorganic Chemistry: Vol. 94, Article number 103378*.
- 2019** Discovery of a potent p38 $\alpha$ /MAPK14 kinase inhibitor: Synthesis, in- vitro/in-vivo biological evaluation, and docking studies. Mohammed I. El-Gamal, Hanan S. Anbar, **Hamadeh Tarazi**, Chang-Hyun Oh (2019). *European Journal of Medicinal Chemistry: Vol. 183, Article number 111684*.
- 2019** Discovery of highly potent V600E-B-RAF kinase inhibitors: Molecular Modeling Study. **Hamadeh Tarazi**, Mohammed I. El-Gamal, Chang- Hyun Oh (2019). *Bioorganic and Medicinal Chemistry: Vol. 27, Issue. 4, Pages 655-663*.
- 2019** One-Pot Synthesis of Diverse Collections of Benzoxazepine and Indolopyrazine Fused to Heterocyclic Systems. Vunnam Srinivasulu, Ihsan Shehadi, Monther A. Khanfar, Omar G. Malik, **Hamadeh Tarazi**, Imad A. Abu-Yousef, Anusha Sebastian, Nabil Baniodeh, Matthew J. O'Connor, and Taleb H. Al-Tel (2019). *ACS-The Journal of Organic Chemistry: Vol. 84, Pages 934-948*.
- 2019** Inhibition of SHP2 by new compounds induces differential effects on RAS/RAF/ERK and PI3K/AKT pathways in different cancer cell. Cijo George Vazhappilly, Ekram Saleh, Wafaa Ramadan, Varsha Menon, Aya Mudhafar Al-Azawi, **Hamadeh Tarazi**, Hajjaj Abdu-Allah, Abdel- Nasser El-Shorbagi, Raafat El-Awady (2019). *Investigational New Drugs: Vol. 37, Issue. 2, Pages 252-261*.
- 2018** Safranal induces DNA double-strand breakage and ER-stress-mediated cell death in hepatocellular carcinoma cells. Alaa Al-Hrout, Amphun Chaiboonchoe, Basel Khraiwesh, Chandraprabha Murali, Badriya Baig, Raafat El-Awady, **Hamadeh Tarazi**, Amnah Alzahmi, David R. Nelson, Yaser E. Greish, Wafaa Ramadan, Kourosh Salehi-Ashtiani & Amr Amin (2018). *Scientific Reports: Vol. 8, Issue. 1, Article Number 16951*.
- 2018** Post-Ugi Cascade Transformations for Accessing Diverse Chromenopyrrole Collections. Vunnam Srinivasulu, Scott Sieburth, Raafat El-Awady, Noor Kariem, **Hamadeh Tarazi**, Matthew O'Connor, Taleb Al-Tel (2018). *Organic Letters: Vol. 20, Issue. 3, Pages 836-839*.

- 2018** Bis-(5-substituted-2-thiono-1,3,5-thiadiazinan-3-yl) butane as a scaffold of anti-proliferative activity, blended by a multicomponent process. Abdel-Nasser El-Shorbagi, Mohamed El-Naggar, **Hamadeh Tarazi**, Sachin Chaudhary, Hajjaj Abdu-Allah, Fatema Hersi, Hany Omar (2018). *Medicinal Chemistry Research: Vol. 27, Issue. 4, Pages 1103-1110*.
- 2018** Hepatoprotective and antioxidant potential of *Nyctanthes arbor-tristis* L. leaves against antitubercular drugs induced hepatotoxicity. Sachin Chaudhary, Ramesh K. Gupta, Amit Kumar, **Hamadeh Tarazi** (2018). *Journal of Pharmacy & Pharmacognosy Research: Vol. 6, Issue. 3, Pages 205–215*.
- 2017** Design, synthesis and biological evaluation of new pyrrolidine carboxamide analogues as potential chemotherapeutic agents for hepatocellular carcinoma. Hany A Omar, Dana M Zaher, Vunnam Srinivasulu, Fatema Hersi, **Hamadeh Tarazi**, Taleb H Al-Tel (2017). *European Journal of Medicinal Chemistry: Vol. 139, Pages 804-814*.
- 2017** Molecular docking and Glucosidase inhibition studies of novel N- arylthiazole-2-amines and Ethyl 2-[aryl(thiazol-2-yl)amino]acetates. Ayesha Babar, Muhammad Yar, **Hamadeh Tarazi**, Vera Duarte, Mohammed B. Alshammari, Mazhar Amjad Gilani, Haffsah Iqbal, Munawwar Ali Munawwar, Maria J. Alves, Ather Farooq Khan (2017). *Medicinal Chemistry Research: Vol. 26, Issue. 12, Pages 3247-3261*.
- 2017** Rational design, synthesis, pharmacophore modeling, and docking studies for identification of novel potent DNA-PK inhibitors. Saleh Ihmaid, Hany E.A. Ahmed, Adeeb Al-Sheikh Ali, Yousery E. Sherif, **Hamadeh Tarazi**, Sayed M. Riyadh, Mohamed F. Zayed, Hamada S. Abulkhair, Heba S. Rateb (2017). *Bioorganic Chemistry: Vol. 72, Pages 234-247*.
- 2017** An efficient synthesis of bi-aryl pyrimidine heterocycles: Potential new drug candidates to treat Alzheimer's disease. Tanzeel Ur Rehman, Islam Ullah Khan, Muhammad Ashraf, **Hamadeh Tarazi**, Sadaf Riaz, Muhammad Yar (2017). *Archiv der Pharmazie: Vol. 350, Issue. 3-4, Article Number 1600304*.
- 2017** Design and synthesis of new RAF kinase-inhibiting antiproliferative quinoline derivatives. Part 2: Diarylurea derivatives. Mohammed I. El- Gamal, Mohammad Ashrafuddin Khan, **Hamadeh Tarazi**, Mohammed S. Abdel-Maksoud, Mahmoud M. Gamal El-Din, Kyung Ho Yoo, Chang-Hyun Oh. (2017). *European Journal of Medicinal Chemistry: Vol. 127, Pages 413-423*.
- 2017** Design, synthesis and SAR analysis of potent BACE-1 inhibitors: possible lead drug candidates for Alzheimer's disease. **Hamadeh Tarazi**, Raed Abu-Odeh, Raed Al-Qawasmeh, Imad Abu Yousef, Wolfgang Voelter, Taleb Al-Tel. (2017). *European Journal of Medicinal Chemistry: Vol. 125, Pages 1213-1224*.
- 2017** Enhancing student communication skills through arabic language competency and simulated patient assessments. Sanah Hasan, **Hamadeh Tarazi**, Dana Hilal. (2017). *American Journal of Pharmaceutical Education: Vol. 81, Issue. 4, Article. 76, Pages 1-11*.
- 2016** *In-silico* screening for DNA-dependent protein kinase (DNA-PK) inhibitors: combined homology modeling, docking, molecular dynamic study followed by biological investigation. **Hamadeh Tarazi**, Ekram Saleh, Raafat El-Awady. (2016). *Biomedicine and Pharmacotherapy: Vol. 83, Pages 693-703*.

- 2016** Design and synthesis of a new series of highly potent RAF kinase- inhibiting triarylpyrazole derivatives possessing antiproliferative activity against melanoma cells. Mohammad Ashrafuddin Khan, Mohammed I. El-Gamal, **Hamadeh Tarazi**, Hong Seok Choi, and Chang-Hyun Oh. (2016). *Future Medicinal Chemistry: Vol. 8, No. 18, Pages 2197-2211.*
- 2016** Peptide derivatives of 1,2-dihydro-3-methyl-2-oxoquinoxaline-6- carboxylic acid: synthesis and evaluation of antimicrobial, antifungal and antiviral potential. Sachin Chaudhary, Sushil Kumar, **Hamadeh Tarazi**. (2016). *Pharmaceutical Chemistry Journal: Vol. 50, Issue. 5, Pages 331-338.*
- 2016** Design, synthesis and qualitative structure activity relationship evaluations of quinoline-based bisarylimidazoles as antibacterial motifs. Raed A. Al-Qawasmeh, Basil Bani Huthail, Mutasem O. Sinnokrot, Mohammad H. Semreen, Raed Abu-Odeh, Musa H. Abu-Zarga, **Hamadeh Tarazi**, Imad Abu Yousef, Taleb H Al-Tel. (2016). *Medicinal Chemistry: Vol. 12, Issue.6, Pages 563-573.*
- 2013** Molecular properties prediction, synthesis, and diuretic activity of phenoxy acetic acid bearing pyrazolines. Mohammed Afroz Bakht, M. Shahar Yar, Anees A. Siddiqui, M. M. Abdullah, **Hamadeh Tarazi**, Moawiah M. Naffaa, Ahmed M-Alafeefy. (2013). *Medicinal Chemistry Research: Vol. 22, Issue. 2, Pages 916-926.*
- 2011** Pancreatic lipase inhibition activity of trilactone terpenes of *Ginkgo biloba*. Yasser Bustanji, Ihab M. Al-Masri, Mohammad Mohammad, Mohammad Hudaib, Khaled Tawaha, **Hamadeh Tarazi**, Hatim S. AlKhatib. (2011). *Journal of Enzyme Inhibition and Medicinal Chemistry: Vol. 26, No. 4, Pages 453-459.*

## PROFESSIONAL MEMBERSHIPS

YY	Name of Organization / Society
2015	ACS-Division of Medicinal Chemistry
2001	Jordanian Pharmacists Association
2001	Arab Union of Pharmacists