

CURRICULUM VITAE (CV)

HASSAN Y. EBRAHIM, BPharmSci, MPharmSci, PhD

**Assistant Professor
Department of Biomedical Sciences**

CONTACT INFORMATION

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EDUCATION

College of Pharmacy, Helwan University, Cairo, Egypt, Bachelor of Pharmaceutical Sciences, 2004.

College of Pharmacy, Helwan University, Cairo, Egypt, Master of Pharmaceutical Sciences, 2008.

Graduate School, University of Louisiana Monroe, Monroe, Louisiana, USA, Doctor of Philosophy in Pharmacy, 2016.

ACADEMIC APPOINTMENTS

2017-2022; Assistant Professor, College of Pharmacy, Helwan University, Egypt.

2022-present; Associate Professor, College of Pharmacy, Helwan University, Egypt.

2017-2021; Adjunct Faculty, College of Pharmacy, Egyptian Russian University, Egypt.

2017-2021; Adjunct Faculty, College of Pharmacy, Ahram Canadian University, Egypt.

2018-2019; Adjunct Faculty, College of Pharmacy, MTI University, Egypt.

2020-2022; Adjunct Faculty, College of Pharmacy, Galala University, Suez, Egypt.

2023- present; Assistant Professor, Edward Via College of Osteopathic Medicine- Louisiana Campus, Monroe, Louisiana, USA.

TEACHING EXPERIENCE

Musculoskeletal System Block, MED 7160, Pharmacology I.

Neurological System and Special Senses Block, MED 7165, Pharmacology II.

Cardiovascular and Pulmonary Systems Block, MED 7170, Pharmacology III.

Gastrointestinal and Renal Systems Block, MED 7175, Pharmacology IV

Reproductive and Endocrine Systems Block, MED 7180, Pharmacology V.

Integumentary, Hematological, and Lymphatics Systems, MED 7185, Pharmacology VI.

HONORS AND AWARDS

Poster Presentation Award, Graduate Research Symposium, University of Louisiana at Monroe, LA, USA, 2015.

Podium Presentation Award, Graduate Research Symposium, University of Louisiana at Monroe, LA, USA, 2016.

Outstanding Graduate Student Award, University of Louisiana Monroe, LA, USA, 2016.

Podium Presentation Award, International Pharma Conference, Helwan University, College of Pharmacy, Helwan, Cairo, 2017.

Biomedical Faculty Award of the Musculoskeletal System Block, Edward Via College of Osteopathic Medicine, Louisiana Campus, Monroe, 2023.

Poster Presentation Award, Edward Via College of Osteopathic Medicine Research Recognition Day, Louisiana Campus, Monroe, Louisiana, 2024.

Biomedical Faculty of the Integumentary, Hematological, and Lymphatics Systems, Edward Via College of Osteopathic Medicine, Louisiana Campus, Monroe, 2024.

Biomedical Faculty of the Musculoskeletal System Block, Edward Via College of Osteopathic Medicine, Louisiana Campus, Monroe, 2024.

PROFESSIONAL SERVICE

Guest Editor; Natural and Synthetic Molecules with Anticancer Activity: Pharmacological Basis and Mechanistic Insight, *Biomedicines*, Special Issue, ISSN 2227-9059.

Guest Editor: Effects of Natural Compounds on Various Inflammatory Diseases. Nutrients; Special Issue, ISSN 2072-6643.

Deputy Editor, Cureus Journal of Medical Sciences, Springer Nature, Edward Via College of Osteopathic Medicine (VCOM) Channel.

Managing Editor; Journal of Advanced Pharmacy Research.

Review Editor; Frontiers in Chemistry.

Handling Editor; Frontiers in Public Health.

Editor; Journal of Breast Cancer Survival.

Invited Reviewer; Journal of Ethnopharmacology, Scientific Reports, International Journal of Molecular Sciences, Angiogenesis, Life, Cancers, Journal of Hematology and Oncology, Frontiers in Molecular Biosciences, Biomolecules, Frontiers in Pharmacology, Marine Drugs, Journal of Chemotherapy, Phytotherapy Research, PLOS ONE, RSC Advances, Antibiotics, Journal of Breast Cancer Survival, Metabolites, Chemistry and Biodiversity, Organic & Biomolecular Chemistry, Molecules, Nutraceuticals, Pharmaceuticals, Acta Biomaterialia, Therapeutic Advances in Medical Oncology, Chemical Biology and Drug Design, Integrative Cancer Therapies, RSC Food and Function, Letters in Drug Design and Discovery, Cureus Journal of Medical Sciences, Journal of Interprofessional Practice and Collaboration.

MENTORING ACTIVITIES

Research Mentorship

Advisor; Investigation of microbial extracts for the discovery of bioactive natural products, Master Thesis in Pharmacy, 2020.

Advisor; Extraction, and characterization of bioactive compounds from natural sponge and their associated bacteria, Master Thesis in Science, 2020.

Advisor; Investigation of natural extracts in relevance for their anti-inflammatory and anticancer activities, Master Thesis in Pharmacy, 2021.

Advisor, Bioactive evaluation of some herbal extracts for potential anticancer activity, Master Thesis in Pharmacy, 2021.

INSTITUTIONAL SERVICE

2023-present; School Committee Interviewer, Edward Via College of Osteopathic Medicine, Louisiana Campus.

2024-present; Judge for Research Recognition Day, Poster Session, Edward Via College of Osteopathic Medicine, Louisiana Campus.

2024- present; Academic Advisor, Edward Via College of Osteopathic Medicine, Louisiana Campus.

2024- present; Day with the Doctor of Osteopathy, Organizing Committee Member, Edward Via College of Osteopathic Medicine, Louisiana Campus.

GRANTS and CONTRACTS

Delta CRP 24-0049-A001 Hassan Ebrahim (PI) 07/01/2024-06/30/2025

Dual Targeting of mTOR and PCSK9 for the Control of Triple-Negative Breast Cancer.

Role: Principal Investigator

Total award \$40,000

PUBLICATIONS

Patent

El Sayed, K.A.; Siddique, A.; **Ebrahim, H.Y.** Oleocanthol Isolation and Cancer Treatment. US Patent number 10945983, 2021.

Peer-Reviewed Journal Articles

1. Tarun, M.T.I.; Elsayed, H.E.; **Ebrahim, H. Y.**; El Sayed, K.A. The Olive Oil Phenolic S-(-)-Oleocanthol Suppresses Colorectal Cancer Progression and Recurrence by Modulating SMYD2-EZH2 and c-MET Activation. *Nutrients*, 2025, 17, 397.
2. Ethar A. Mudhish, **Ebrahim, H.Y.**, Iman E. Helal, Abdullah T. Alhowiriny, and Khalid A. El Sayed. Cannabidiol Suppresses Metastatic Castration-Resistant Prostate Cancer Progression and Recurrence through Modulating Tryptophan Catabolism. *ACS Pharmacology & Translational Science* 2024, 7(12), 3902-3913.
3. Sweilem B. Al Rihani, Khaled H. Elfakhri, **Ebrahim, H. Y.**, Nour F. Al-Ghraiyyah, Amer E. Alkhalifa, Khalid A.El Sayed, and Amal Kaddoumi. The Usnic Acid Analogue 4-FPBUA Enhances the Blood–Brain Barrier Function and Induces Autophagy in Alzheimer’s Disease Mouse Models. *ACS Chemical Neuroscience* 2024 15(17), 3152-3167.
4. Brown A, Ramkumar V, Patel A, Kang D, Lim J, Shah S, **Ebrahim, H. Y.**, Abd Elmageed ZY. Statin Consumption and Appealing Colors: Exploring Statin-Related Injuries for Children Under the Age of Three Years. *Cureus*. 2024;16(11), e73520.
5. Eltanany, R.M.; Faraag, A.H.I.; **Ebrahim, H.Y.**; Elmallahm M. I.; Abdelfattah, MS. Chemical Composition of *Spheciospongia Aff. Mastoidea* Sponge from the Red Sea and Uses of Its Polysaccharides in the Biosynthesis of Silver Nanoparticles with Antimicrobial and Anticancer Activity. *Thalassas: An International Journal of Marine Sciences* 2024. <https://doi.org/10.1007/s41208-023-00649-z>
6. Oliver C. McGehee, **Ebrahim, H. Y.**, Ashkan H. Rad, Khaldoun S. Abdelwahed, Ethar A. Mudhish, Judy A. King, Iman E. Helal, Sharon A. Meyer; Khalid A. El Sayed. Towards Developing Novel Prostate Cancer Recurrence Suppressors: Acute Toxicity

- of Pseurotin A, an Orally Active PCSK9 Axis-Targeting Small-Molecule in Swiss Albino Mice. *Molecules* 2023, 28, 1460.
7. Abdelwahed, Khaldoun S., Abu Bakar Siddique, **Ebrahim, H. Y.**, Mohammed H. Qusa, Ethar A. Mudhish, Ashkan H. Rad, Mourad Zerfaoui, Zakaria Y. Abd Elmageed, and Khalid A. El Sayed. Pseurotin A Validation as a Metastatic Castration-Resistant Prostate Cancer Recurrence-Suppressing Lead via PCSK9-LDLR Axis Modulation. *Marine Drugs* 2023, 21, 4, 215.
 8. Menna Fayek, **Ebrahim, H. Y.**, Mohamed S. Abdel-Aziz, Heba Taha, Fatma A. Moharram. Bioactive metabolites identified from *Aspergillus terreus* derived from soil. *AMB Express* 2023, 1, 107.
 9. Heba T. Khazaal, Mohamed T. Khazaal, Ahmed S. Abdel-Razek, Ahmed A. Hamed, **Ebrahim, H. Y.**, Reham R. Ibrahim, Mokhtar Bishr, Yara E. Mansour, Rabab A. El Dib, Hesham SM. Soliman. Antimicrobial, antiproliferative activities and molecular docking of metabolites from *Alternaria alternata*. *AMB Express* 2023, 1, 68.
 10. Abu Bakar Siddique, **Ebrahim, H. Y.**, Afsana Tajmim, Judy Ann King, Khaldoun S Abdelwahed, Zakaria Y Abd Elmageed, Khalid A El Sayed. Oleocanthal Attenuates Metastatic Castration-Resistant Prostate Cancer Progression and Recurrence by Targeting SMYD2. *Cancers*, 2022, 14(14), 3542.
 11. Ethar A Mudhish, Abu Bakar Siddique, **Ebrahim, H. Y.**, Khaldoun S Abdelwahed, Judy Ann King, Khalid A El Sayed. The Tobacco β -Cembrenediol: A Prostate Cancer Recurrence Suppressor Lead and Prospective Scaffold via Modulation of Indoleamine 2,3-Dioxygenase and Tryptophan Dioxygenase. *Nutrients*, 2022, 14 (7), 1505.
 12. **Ebrahim, H. Y.**, Mohamed S Mady, Hanaa B Atya, Sahar A Ali, Heba E Elsayed, Fatma A Moharram. *Melaleuca rugulosa* (Link) Craven Tannins: Appraisal of anti-inflammatory, radical scavenging activities, and molecular modeling studies. *J Ethnopharmacol*, 2022, 298, 115596.
 13. Hesham Hafeez, Shima Osman, **Ebrahim, H. Y.**, Zeinab A Hassan. Growth Inhibition and Apoptotic Effect of Pine Extract and Abietic Acid on MCF-7 Breast Cancer Cells via Alteration of Multiple Gene Expressions Using In Vitro Approach. *Molecules*, 2022, 27(1), 293.
 14. Mohamed S Mady, Heba E Elsayed, Elsayed K El-Sayed, Ahmed A Hussein, **Ebrahim, H. Y.**, Fatma A Moharram. Polyphenolic profile and ethno pharmacological activities of *Callistemon subulatus* (Cheel) Craven leaves cultivated in Egypt. *J Ethnopharmacol*, 2022, 284, 114698.
 15. Heba E Elsayed, **Ebrahim, H. Y.**, Mohamed S Mady, Mohamed A Khattab, Elsayed K El-Sayed, Fatma A Moharram. Ethnopharmacological impact of *Melaleuca rugulosa* (Link) Craven leaves extract on liver inflammation. *J Ethnopharmacol*, 2022, 28, 115215.
 16. Heba E Elsayed, Reem A Kamel, Reham R Ibrahim, Ahmed S Abdel-Razek, Mohamed A Shaaban, Marcel Frese, Norbert Sewald, **Ebrahim, H. Y.**, Fatma A Moharram. Cytotoxicity, Antimicrobial, and In Silico Studies of Secondary Metabolites from *Aspergillus* sp. Isolated from *Tecoma stans* (L.) Juss. Ex Kunth Leaves. *Front Chem*. 2021; 9: 760083.
 17. **Ebrahim, H. Y.**, Shima Osman, Hesham Hafez and Zeinab Hassan. In-vitro screening of some plant extracts for their potential anticancer activity. *Afr., J. Complement Altern Med*. 2020, 17 (1), 1-8.

18. Halawa, A. H.; Elgammal, W. E.; Hassan, S. M.; Hassan, A. H.; Nassar, H. S.; **Ebrahim, H. Y.**; Mehany, El-Agrody, A. M. Synthesis, anticancer evaluation and molecular docking studies of new heterocycles linked to sulfonamide moiety as novel human topoisomerase types I and II poisons. *Bioorganic Chem.* 2020, 98, 103725.
19. Halawa, A. H.; Eskandrani, A. A.; Elgammal, W. E.; Hassan, S. M.; Hassan, A. H.; **Ebrahim, H. Y.**; Mehany, El-Agrody, A. M.; Okash, R. M. Rational Design and Synthesis of Diverse Pyrimidine Molecules Bearing Sulfonamide Moiety as Novel ERK Inhibitors. *Int. J. Mol. Sci.* 2019, 20, 5592; doi:10.3390/ijms20225592
20. Abdelfattah M. S.; Elmallah, M. I. Y.; **Ebrahim, H. Y.**; Almeer, R. S. Eltanany, R. M. A.; Abdel Moneim, A.E. Prodigiosins from a marine-associated actinomycete attenuate HCl/ethanol-induced gastric lesion via antioxidant and anti-inflammatory mechanisms. *PLoS ONE* 2019, 14 (6), e0216737; doi:10.1371/journal.pone.0216737
21. Siddique, AB.; **Ebrahim, H.**; Mohyeldin, M.; Qusa, M.; Batarseh, Y.; Fayyad, A.; Tajmim, A.; Nazzal, S.; Kaddoumi, A.; El Sayed, K. Novel liquid-liquid extraction and self-emulsion methods for simplified isolation of extra-virgin olive oil phenolics with emphasis on (-)-oleocanthal and its oral anti-breast cancer activity. *PLoS ONE* 2019, 14 (4): e0214798.
22. Siddique, A.; **Ebrahim, H. Y.**; Akl, M. R.; Ayoub, N. M.; Goda, A. A.; Mohyeldin, M. M.; Nagumalli, S. K. Hananeh, W. M.; Liu, Y.; Meyer, S. A.; El Sayed, K. A. (-)-Oleocanthal combined with Lapatinib treatment synergized against HER-2 positive breast cancer in vitro and in vivo. *Nutrients* **2019**, 11(2), 412; <https://doi.org/10.3390/nu11020412>
23. Soudi, S.; Elsayed, H. E.; **Ebrahim, H. Y.**; Mohyeldin, M. M.; Siddique, A.; Karoui, H.; El Sayed, K. A.; Essafi-Benkhadir, K. 13¹-Oxophorbine protopheophorbide A from *Ziziphus lotus* as a novel mesenchymal-epithelial transition factor receptor inhibitory lead for the control of breast tumor growth in vitro and in vivo. *Mol. Carcinogenesis* 2018, <https://doi.org/10.1002/mc.22874>
24. Elsayed, H. E.; **Ebrahim, H. Y.**, Haggag, E. G.; Kamal, A. M.; El Sayed, K. A. Rationally designed hecogenin thiosemicarbazone analogs as novel MEK inhibitors for the control of breast malignancies. *Bioorg. Med. Chem.* 2017, 25 (24), 6297-6312.
25. Siddique, A. B.; **Ebrahim, H. Y.**; Akl, M. R.; Mohyeldin, M. M.; El Sayed, K. A. Extra-virgin olive oil Met inhibitor oleocanthal-lapatinib: a novel synergistic combination for HER2-dependent breast malignancies [abstract]. In: Proceedings of the American Association for Cancer Research Annual Meeting; 2017 Apr 1-5; Washington, DC. Philadelphia (PA): AACR; Cancer Res 2017; 77 (13 Suppl): Abstract nr 1077. doi:10.1158/1538-7445.AM2017-1077.
26. Hailat, M. M.; **Ebrahim, H. Y.**; Moheyldin, M. M.; Goda, A. A.; Siddique, A. B.; El Sayed, K. A. The Tobacco Cembranoid (1S,2E,4S,7E,11E)-2,7,11-Cembratriene-4,6-diol as A Novel Angiogenesis Inhibitory Lead for The Control of Breast Malignancies. *Bioorg. Med. Chem.* 2017. doi.org/10.1016/j.bmc.2017.05.028
27. Nehad M. Ayoub, N. M.; Siddique, A. B.; **Ebrahim, H. Y.**; Mohyeldin, M. M.; El Sayed, K. A. The olive oil phenolic (-)-oleocanthal modulates estrogen receptor expression in luminal breast cancer in vitro and in vivo and synergizes with tamoxifen treatment. *Eur. J. Pharma.* 2017. doi.org/10.1016/j.ejphar.2017.06.019

28. **Ebrahim, H. Y.**; Akl, M. R.; Elsayed, H.; Hill, R.; El Sayed K. A. Usnic Acid Benzylidene Analogues as Potent Mechanistic Target of Rapamycin Inhibitors for the Control of Breast Malignancies. *J. Nat. Prod.* 2017. doi: 10.1021/acs.jnatprod.6b00917
29. **Ebrahim, H. Y.**; Mohyeldin, M. M.; Hailat, M. M.; El Sayed, K. A. (1S,2E,4S,7E,11E)-2,7,11-Cembratriene-4,6-diol semisynthetic analogs as novel c-Met inhibitors for the control of c-Met-dependent breast malignancies. *Bioorg. Med. Chem.* 2016, doi:10.1016/j.bmc.2016.09.032
30. **Ebrahim, H. Y.**; El Sayed, K. A. Discovery of novel antiangiogenic marine natural product scaffolds. *Mar. Drugs* 2016, 14, 57.
31. **Ebrahim, H. Y.**; Elsayed, H. E.; Mohyeldin, M. M.; Akl, M. R.; Bhattacharjee, J.; Egbert, S.; El Sayed, K. A. Norstictic acid inhibits breast cancer cell proliferation, migration, invasion, and in vivo invasive growth through targeting c-Met. *Phytother. Res.* 2016, 60, 557-566.
32. Mady, M. S.; Mohyeldin, M. M.; **Ebrahim, H. Y.**; Elsayed, H. E.; Houssen, W. E.; Haggag, E. G.; Soliman, R. F.; El Sayed, K. A. The indole alkaloid meleagrins, from the olive tree endophytic fungus *Penicillium chrysogenum*, as a novel lead for the control of c-Met-dependent breast cancer proliferation, migration, and invasion. *Bioorg. Med. Chem.* 2016, 24, 113-122.
33. Mohyeldin, M. M.; Akl, M. R.; **Ebrahim, H. Y.**; Dragoi, A. M.; Dykes, S.; Cardelli, J. A.; El Sayed, K. A. The oleocanthal-based homovanillyl sinapate as a novel c-Met inhibitor. *Oncotarget* 2016, 7, 32247-32273.
34. Eterovic, V. A.; Carrasco, M.; Perez, D.; **Ebrahim, H. Y.**; Ferchmin, P. A.; El Sayed, K. A. Cembranoids structure-activity relationship for protection against diisopropylfluoro-phosphate damage. *Biochem. Pharmacol.* 2015, 97, 627.
35. Akl, M. R.; Ayoub, N. M.; **Ebrahim, H. Y.**; Mohyeldin, M. M.; Orabi, K. Y.; Foudah, A. I.; El Sayed, K. A. Araguspongine C induces autophagic death in breast cancer cells through suppression of c-Met and HER2 receptor tyrosine kinase signaling. *Mar. Drugs* 2015, 13, 288-311.
36. Elsayed H. E.; Akl, M. R.; **Ebrahim, H. Y.**; Sallam, A. A.; Haggag, E. G.; Kamal, A. M.; El Sayed, K. A. Discovery, optimization, and pharmacophore modeling of oleanolic acid and analogues as breast cancer cell migration and invasion inhibitors through targeting Brk/Paxillin/Rac1 axis. *Chem. Biol. Drug Des.* 2015, 85, 231-243.
37. Abu-Fayyad, A.; Behery, F.; Sallam, A. A.; Alqahtani, S.; **Ebrahim, H. Y.**; El Sayed, K. A.; Kaddoumi, A.; Sylvester, P. W.; Carroll, J. L.; Cardelli, J. A.; Nazzari, S. PEGylated γ -tocotrienol isomer of vitamin E: Synthesis, characterization, in vitro cytotoxicity, and oral bioavailability. *Eur. J. Pharm. Biopharm.* 2015, 96, 185-195.
38. Akl, M. R.; Foudah, A. I.; **Ebrahim, H. Y.**; Meyer, S. A.; El Sayed, K. A. The marine-derived siphonol A-4-O-3',4'-dichlorobenzoate inhibits breast cancer growth and motility in vitro and in vivo through the suppression of Brk and FAK signaling. *Mar. Drugs* 2014, 12, 2282-2304.
39. Akl, M. R.; Elsayed, H. E.; **Ebrahim, H. Y.**; Haggag, E. G.; Kamal, A. M.; El Sayed, K. A. 3-O-[N-(p-fluorobenzenesulfonyl)-carbamoyl]-oleanolic acid, a semisynthetic analog of oleanolic acid, induces apoptosis in breast cancer cells. *Eur. J. Pharmacol.* 2014, 740, 209-217

PROFESSIONAL PRESENTATIONS

1. The Impact of Pseurotin A on PCSK9-Mediated Cancer Progression and Recurrence. Drug Discovery and Development Colloquium. The American Association of Pharmaceutical Scientists (AAPS), University of Louisiana Monroe (ULM) Chapter. June 2022.
2. Discovery and rational design of novel lichen acids-based mTOR inhibitors for the control of breast malignancies. 43rd Annual MALTO Medicinal Chemistry-Pharmacognosy Meeting-in-Miniature, University of Houston, TX, USA, May 2016.
3. Antimigratory secondary metabolites from the terrestrial fungus *Aspergillus terreus*. 40th Annual MALTO Medicinal Chemistry-Pharmacognosy Meeting-in-Miniature. University of Arkansas for Medical Sciences, AR, USA, May 2013.
4. Natural Products in Drug Discovery: Challenges and Opportunities. 10th Annual Research Retreat, MEDx Talk, Edward Via College of Osteopathic Medicine, Virginia, November 2024.

PUBLISHED ABSTRACTS

Ebrahim, H. Y.; Mohyeldin, M. M.; Siddique, A. B.; Akl, M. R.; Ibrahim, M.; El Sayed, K. A. Olive oil-based oleocanthal and bioisosteres as c-Met inhibitors for the control of triple negative breast cancer. In: Proceedings of the 107th Annual Meeting of the American Association for Cancer Research; 2016 Apr 16-20; New Orleans, LA. Philadelphia (PA): AACR; *Cancer Res* 2016; 76(14 Suppl): Abstract nr 345.

OTHER ABSTRACTS

1. Abdullah Alhowiriny, Ethar Mudhish, **Ebrahim, H. Y.**, Khalid A. El Sayed. The Marine-Derived Furanocembranoid Diterpene Sarcophine Suppresses Metastatic Castration-Resistant Prostate Cancer Progression and Recurrence via Downregulation of Cadherin-12. AAPS ULM Chapter Meeting, November 2024
2. Moghaddam A, Siriki A, Majumdar D, **Ebrahim, H.Y.**, El Sayed K, Jois S, Murru S. Development, and evaluation of novel azole compounds for anticancer activity: in silico and in vitro analysis targeting TTK and AURK dual inhibition. VCOM-LA Research Day, February 2024.
3. Md. Towhidul Islam Tarun, **Ebrahim, H.Y.**, Zakaria Abd Elmageed, Khalid A. El Sayed. S-(-)-Oleocanthal Effectively Attenuates the Progression and Recurrence of Neuroendocrine Prostate Cancers Through Downregulation of the Protein Lysine Methyltransferase SMYD2. AAPS ULM Chapter Meeting, November 2024.
4. Tarrun M, **Ebrahim, H.Y.**, Abdel Elmageed Z, El Sayed K. (S)-Oleocanthal attenuates the progression and recurrence of neuroendocrine prostate cancer through down regulation of the protein lysin methyl transferase SMYD2. VCOM-LA Research Day, February 2024.
5. Paul R, Voth S, **Ebrahim, H.**, Torres S, Tarun M, Ahmed N, El Sayed K, Morrow A. Olive oil phenolics for the control of nosocomial pneumonia. VCOM-LA Research Day, February 2024.

6. Mudhish E, **Ebrahim, H.Y.**, Hilal E, Alhowiriny A, El Sayed K. Cannabidiol suppresses prostate cancer progression and recurrence through tryptophan catabolism. VCOM-LA Research Day, February 2024.
7. Oliver McGehee, **Ebrahim, H. Y.**, Ashkan Rad, Amal Kaddoumi, Sharon Meyer, Khalid El Sayed. Optimization of Analytical HPLC Method for Pseurotin A Quantification in Mice Plasma. The American Association of Pharmaceutical Scientists (AAPS). The 6th Annual Research Symposium, College of Pharmacy, University of Louisiana Monroe, Monroe, 2023.
8. Towhidul Islam Tarun, **Ebrahim, H. Y.**, Khalid A. El Sayed. (-)-S-Oleocanthal Attenuates the Progression and Recurrence of de novo Neuroendocrine Prostate Cancer Through Downregulation of the Protein Lysine Methyltransferase SMYD2 Md. The American Association of Pharmaceutical Scientists (AAPS). The 6th Annual Research Symposium, College of Pharmacy, University of Louisiana Monroe, 2023.
9. Nehal Abdelrahim, **Ebrahim, H. Y.**, Oliver McGhee, Md Ashiq Mahmud, Judy King, Khalid El Sayed. Novel Antihyperlipidemic Biomedical Applications of The Olive Phenolics Parent Oleuropein. The American Association of Pharmaceutical Scientists (AAPS). The 6th Annual Research Symposium, College of Pharmacy, University of Louisiana Monroe, Monroe, 2023.
10. **Ebrahim, H.Y.**; Abdelwahed, K.S.; Siddique, A, Qusa, M. H.; Mudhish, E. A.; Rad, A. H.; Zerfaoui, M., Abd Elmageed, Z.Y.; El Sayed, K. A. Pseurotin A modulates PCSK9/LDLR axis and suppresses the recurrence of metastatic castration-resistance prostate cancer. Edward Via College of Osteopathic Medicine- Louisiana Campus, Research Recognition Day, Monroe, April 2023.
11. **Ebrahim, H.Y.**; Siddique, A.; Tajmim, A.; Abdelwahed, K.S, Abd Elmageed, Z.Y, El Sayed, K. A. The extra virgin olive oil S(-) oleocanthal: A promising candidate for the control of prostate cancer. Edward Via College of Osteopathic Medicine- Louisiana Campus, Research Recognition Day, Monroe, April 2023.
12. Ahmad F. Chaban, Dalal Dawud, Shams G. Shams, Schierer, Ahmed Moustafa, **Ebrahim, H.Y.**, Khalid El Sayed, PhD; Zakaria Y. Abd Elmageed. Inhibition of neutral sphingomyelinase 2 sensitizes aggressive phenotypes of prostate cancer cells to enzalutamide treatment. Edward Via College of Osteopathic Medicine- Louisiana Campus, Research Recognition Day, Monroe, April 2023.
13. Oliver C. McGehee, **Ebrahim, H. Y.**, Ashkan H. Rad, Khaldoun S. Abdelwahed, Ethar A. Mudhish, Iman Helal, Sharon A. Meyer, Khalid A. El Sayed. Optimization of The First Oral PCSK9-LDLR Axis-Targeting Small-Molecule for Prostate Cancer Recurrence Control: Acute Toxicity of The Fermentation Product Pseurotin A. The American Association of Pharmaceutical Scientists (AAPS). The 5th Annual Research Symposium, College of Pharmacy, University of Louisiana Monroe, 2022.
14. Ashkan Hassankhani Rad, **Ebrahim, H. Y.**, Khaldoun S. Abdelwahed, Khalid A. El Sayed. Optimization of culture conditions for scale up of production of pseurotin A.

- The American Association of Pharmaceutical Scientists (AAPS). The 5th Annual Research Symposium, College of Pharmacy, University of Louisiana Monroe, 2022.
15. Nehal Abuhatab, **Ebrahim, H. Y.**, Khalid A. El Sayed. Virtual screening of olive phenolics for the discovery of proprotein subtilisin/kexin type 9 (PCSK9) modulators. The American Association of Pharmaceutical Scientists (AAPS). The 5th Annual Research Symposium, College of Pharmacy, University of Louisiana Monroe, 2022.
 16. Susan Egbert, Heba Elsayed, **Ebrahim, H. Y.**, Mohamed Mohyeldin, Joydeep Bhattacharjee, Khalid El Sayed. Bioassay-Guided Discovery of the Louisiana-Based Lichen Depsides as Promising Hits for Controlling Breast Cancer through Targeting HGF/c-Met Axis. University of Louisiana Monroe Research Symposium, 2016.
 17. Tenerica Madison, Abu Baker Siddique, **Ebrahim, H. Y.**, Khalid El Sayed. Combinatorial Use of Natural Product c-Met and mTOR Inhibitors for the Control of Breast Malignancies. ULM Undergraduate Research Symposium, USA, 2016.
 18. Jameshia Below, Heba Elsayed, **Ebrahim, H. Y.**, Mohamed Mohelydin, Khalid El Sayed. Tobacco-based 2, 7, 11-cembratriene-4,6-diol carbamates as novel c-Met inhibitors for the control of metastatic triple negative breast malignancies. University of Louisiana Monroe Research Symposium, 2015.