PROF. DR ISMAIL TAHA IBRAHIM

Professor of Pharmacology and Toxicology

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SEX: **Male**

Date of birth: **05 /01 /1973**

NATIONALITY: **Egyptian**

Marital Status: **Married**

EDUCATION

- 2008 Ph. D. in Pharmaceutical sciences (Pharmacology) Faculty of Pharmacy, Mansura University.
- 2005 M. Sc. in Pharmaceutical sciences (Pharmacology) Faculty of Pharmacy, Mansura University.
- 1996 B.Sc. Pharmacy Faculty of Pharmacy, Mansura University.

CURRENT POSITION:

Professor of pharmacology and toxicology, Head of Department of Pharmacy, Al-Huda University college Al Anbar, Iraq.

RESEARCH INTERESTS:

- Radiodiagnosis and radiotherapy studies e.g., radiolabeling of pharmaceutical compounds.
- Drug targeting.
- Development and characterization of new anticancer agents.
- Inflammation studies and diagnosis.
- Stability and bioavailability studies.
- Radiopharmaceutical development and quality control studies
- In vivo-vitro correlation studies.

PROFESSIONAL EXPERIENCE:

- Lecture of pharmacology and toxicology
- Assistant Professor of Pharmacology, toxicology and radio pharmacy, Egyptian atomic energy authority, Cairo, Egypt.
- Associate Professor of Pharmacology and toxicology, Faculty ofPharmacy, Delta University, Egypt.
- Associate Professor of Pharmacology and toxicology Faculty ofPharmacy, Al-Bayan University, Iraq.
- Professor of Pharmacology and toxicology Faculty of Pharmacy, Al-Bayan University, Iraq.
- Professor of Pharmacology and toxicology Department of Pharmacy, Al-Huda University college Al Anbar, Iraq.

TEACHING COURSES

- Human biology
- Histology
- Physiology
- pathophysiology
- Pharmaceutical microbiology
- Pharmacology
- Toxicology
- Pharmacy Ethics
- Radio pharmacy
- Pharmacoeconomics

ACTIVITIES:

- Prof of pharmacology and Head of Pharmacy department Al-Huda University college.
- More than 70 research items
- Supervisors of more than 20 master and Ph. Degree in pharmacy field.
- Active participation in the activities of the Quality Assurance Unit in Egyptian atomic energy Authority.
- Member in the Quality assurance unit in Faculty of Pharmacy, Delta Universityfor Science and Technology.
- Member in Postgraduate and research committee in Faculty of Pharmacy, Delta University for Science and Technology.
- Member of the Graduate Studies and Research Ethics Committee - College ofPharmacy - Delta University for Science and Technology.
- Oral examiner in many governmental and non-governmental universities.
- Supervisor of many graduation projects at the department.
- Supervising graduation projects for bachelor students at the Faculty of Pharmacy,Al-Bayan University - Iraq
- Member of the Scientific Committee - College of Pharmacy, Al-BayanUniversity - Iraq.
- Member of the Disciplinary and Ethical Committee - College of Pharmacy, Al-Bayan University - Iraq.
- Member of the Board of the Department of Pharmaceutics, College of PharmacyAl-Bayan University, Iraq.
- Participation in many seminars organized by the College of Pharmacy, Al-Bayan University, Iraq.

WORKSHOPS:

- 2017 Thirteen Arab conferences on peaceful uses of Atomic Energy. Hammatt Tunisia
- 2013 Attendance and participation in The Regional FRA Training course on Advanced Radiopharmacy Practices, Vienna.
- 2013 Attendance and participation in the First African Symposium on Radiopharmacy services in Africa, Addis Ababa, Ethiopia.
- 2010 Quality control support for radio pharmaceutics Khartoum, Sudan

PUBLICATIONS:

2024	Jawaher Abdullah Alamoud, Thanaa A. El-Masry , Mohamed Nasr **Ismail T. Ibrahim** Hanaa A. Ibrahim 2 , Hebatallah M. Saad , Maysa M. F. El-Nagar * , Samar Zuhair Alshawwa 1 , Amal Alrashidi 1 and Enas I. El Zahaby. Fabrication of Nanocrystals for Enhanced Distribution of a Fatty Acid Synthase Inhibitor (Orlistat) as a Promising Method to Relieve Solid Ehrlich Carcinoma-Induced Hepatic Damage in Mice. Pharmaceuticals
2024	M Dawoud, KM Attallah, IT Ibrahim, HM Karam… MitoQ and its hyaluronic acid–based nanopreparation mitigating gamma radiation–induced intestinal injury in mice: alleviation of oxidative stress and apoptosis. - Naunyn-Schmiedeberg's Archives of Pharmacology, 2024
2024	Ibrahim, Mennatullah & Basalious, Emad & El-Nabarawi, Mohamed & Makhlouf, Amal & Sayyed, Marwa & **Ibrahim, Ismail**. (2024). Nose to brain delivery of mirtazapine via lipid nanocapsules: Preparation, statistical optimization, radiolabeling, in vivo biodistribution and pharmacokinetic study. Drug delivery and translational research. 14. 10.1007/s13346-024-01528-7.
2023	Basem Mansour, Yomna A. Salem, Khaled M. Attallah, O. A. El-kawy, **Ismail T. Ibrahim**, and Naglaa I. Abdel-Aziz **Cyanopyridinone- and Cyanopyridine-Based Cancer Cell Pim-1 Inhibitors: Design, Synthesis, Radiolabeling, Biodistribution, and Molecular Modeling Simulation.** *ACS Omega* **2023** *8* (22), 19351-19366 DOI: 10.1021/acsomega.2c08304
2024	Motaleb, M. & **Ibrahim, Ismail** & Shweeta, H. & El-Halem, S.. (2024). Radiosynthesis of 99MTc-Montelukast as a Novel Potential Radiopharmaceutical Model for Lung Scanning. Pharmaceutical Chemistry Journal. 58. 10.1007/s11094-024-03179-x.

2023	Hend Fayez, Baher Daihom, Yasser Abd El-Aleem, **I.T. Ibrahim**, M.A. Motaleb,Brain nanotargeted [131I] I-Rolapitant as a model for brain imaging: Intranasal formulation, radiolabelling, biodistribution, and comparative study, Journal of Drug Delivery Science and Technology, Volume 86,2023,104705, ISSN 1773-2247,https://doi.org/10.1016/j.jddst.2023.104705.
2023	Motaleb, M.A., Attalah, K.M., Shweeta, H.A. and **Ibrahim, IT**.. Synthesis and biological evaluation of [^{131}I]iodocarvedilol as a potential radiopharmaceutical for heart imaging. BMC Chemistry **17**, 21 (2023).
2023	Basem Mansour, Yomna A. Salem, Khaled M. Attallah, O. A. El-kawy, **Ismail T. Ibrahim**, and Naglaa I. Abdel-ziz. Cyanopyridinone- and Cyanopyridine-Based Cancer Cell Pim-1 Inhibitors: Design, Synthesis, Radiolabeling, Biodistribution, and Molecular Modeling Simulation. ACS Omega 2023 8(22),19351-19366
2022	Mohamed Fawzi Kabil, Maha Nasr, **Ismail T. Ibrahim**, Yasser A. Hassan, Ibrahim M. El-Sherbiny, New repurposed rolapitant in nanovesicular systems for lung cancer treatment: Development, in-vitro assessment and in-vivo biodistribution study, European Journal of Pharmaceutical Sciences, 2022, 106119, ISSN 0928-0987,
2022	Sanad, MH, Gomaa, NM, El Bakary, NM, **Ibrahim, IT,** Massoud, A. Radioiodination of balsalazide, bioevaluation, and characterization as a highly selective radiotracer for imaging of ulcerative colitis in mice. J Label Compd Radiopharm. 2022; 1- 12. doi:10.1002/jlcr.3961 .
2022	Marwa Eid Sayyed, Mohamed Abd El-Motaleb, **Ismail Taha Ibrahim**, Hassan Medhat Rashed, Mohamed Ahmed El-Nabarawi, Mohamed Abdallah Ahmed, Preparation, characterization, and in vivo biodistribution study of intranasal 131I-clonazepam-loaded phospholipid magnesome as a promising brain delivery system, European Journal of Pharmaceutical Sciences,Volume 169,2022,106089, ISSN 0928-0987,
2021	Khalaf, H. , Jasim, R. and **Ibrahim, I**. (2021) Verbascoside—A Review of Its Antitumor Activities. Pharmacology & Pharmacy, 12, 109-126. doi: 10.4236/pp.2021.126011

2021	Ameer H. Alwash*, Baraa G. Alani, **Ismail T. Ibrahim**, RECENT PROGRESS IN DEVELOPING SELECTIVE HISTONE DEACETYLASE 6 INHIBITORS AS POTENTIAL EFFECTIVE ANTICANCER AGENTS: REVIEW. Kerbala journal of pharmacy and pharmaceutical science 24/04/2021
2020	Alani, B. , Alwash, A. and **Ibrahim, I.** (2020) Wide Applications of Chloroquine Other Than Antimalarial. Pharmacology & Pharmacy, 11, 251-281. doi: 10.4236/pp.2020.1110022.
2020	Walaa I. El-Ghareb, Mohamed M. Swidan, **Ismail T. Ibrahim**, Ahmed Abd El-Bary, Mina Ibrahim Tadros, Tamer M. Sakr, 99mTc-doxorubicin-loaded gallic acid-gold nanoparticles (99mTc- DOX-loaded GA-Au NPs) as a multifunctional theranostic agent, International Journal of Pharmaceutics, Volume 586,2020, 119514, ISSN 0378-5173,
2019	Talaat H. M.I. Aydia, **I.T. Ibrahim,** H. El-Said, K.M. El-Azony Documentation Center (NIDOC).Preparation of 186Re-Cefixime as a Potential Diagnostic and Therapeutic Agent for Bacterial Infection. Egypt. J. Rad. Sci. Applic., Vol. 32, No.1, pp. 95 - 103 (2019)
2019	**Ibrahim I. T.**, Talaat H. M., Ayad R. A., and Farah K. Preclinical Evaluation of Radioiodinated Quinoxaline Derivative as a Possible Brain Imaging Agent. ISSN 1066-3622, Radiochemistry, 2018, Vol. 60, No. 6, pp. 638–643.
2019	Sayed M. E., Motaleb M. A**., Ibrahim I. T.,** Awad G. A. S and R. O. Ahmed Intranasal drug delivery of iodohaloperidol as a radiopharmaceutical brain imaging agent Journal of Radioanalytical and Nuclear Chemistry.https://doi.org/10.1007/s10967-018-6359-2.
2019	Talaat H.M., Aydia M.I., **Ibrahim I.T.,** El-Said H., K.M. El-Azony. Preparation of 186Re-Cefxime as a Potential Diagnostic and Therapeutic Agent for Bacterial Infection. Egypt. J. Rad. Sci. Applic., Vol. 32, No.1, pp. 95 – 103.
2018	Tamer M. Sakr, **I. T. Ibrahim•** Walaa H. Abd-Alla Molecular modeling and preclinical evaluation of radioiodinated tenoxicam for inflammatory disease diagnosis. journal of Radioanalytical and Nuclear Chemistry. https://doi.org/10.1007/s10967-018-5770-z
	Ahmed M. Elbarbary1, **I. A. Ibrahim**, H. M. Shafik2, Sameh H. Othman. Magnetic 99mTc- Core-Shell of Polyethylene Glycol/ Polyhydroxyethyl Methacrylate based on Fe3O4 Nanoparticles:

2017	Radiation Synthesis, Characterization and Biodistribution Study in Tumor Bearing Mice. Accepted in J. Advanced poweder Techenology.
2017	El-Marakby EM, Hathout RM, **Taha I**, Mansour S, Mortada ND. A novel serum-stable liver targeted cytotoxic system using valerate-conjugated chitosan nanoparticles surface decorated with glycyrrhizin. Int J Pharm. 2017 Jun 15;525(1):123-138. doi: 10.1016/j.ijpharm.2017.03.081. Epub 2017 Apr 7. PMID: 28392279.
2016	Motaleb MA, **Ibrahem IT,** Ayoub VR, Geneidi AS. Preparation and biological evaluation of (99m)Tc-ropinirole as a novel radiopharmaceutical for brain imaging. J Labelled Comp Radiopharm. 2016 Apr;59(4):147-52. doi: 10.1002/jlcr.3380. Epub 2016 Feb 23. PMID: 26913705.
2016	Fahad M Al-Mutairi, Mohamed M Abdel-Daim, **Ismaail T. Ibrahim**, Salem A. Habib, and Heba M. Waly. The Potent Effect of a Newly Synthesized N-Butylpyridoquinoxaline 1,4-dioxide (NBPQD) Derivative as Antitumor agent in solid tumor model. International Journal of Pharmaceutical research &Allied Sciences, 2016, (2016) 5(1):203 – 218.
2016	**I.T.Ibrahim,** M.T.El-Kolaly , M.H.Aboumanei, A.A bdelbary. 125I labelling of clomiphene and biodistributions Studies for possible use as a model in breast cancer imaging. Applied RadiationandIsotopes115(2016)37–44.
2016	Ramy Said-Elbahr, Maha Nasr, Mohamed A. Alhnan , **Ismail Taha** , Omaima Sammour. Nebulizable colloidal nanoparticles co-encapsulating a COX-2 inhibitor and a herbal compound for treatment of lung cancer. European Journal of Pharmaceutics and Biopharmaceutics 103 (2016) 1–12
2016	Motaleb, M. A., **Ibrahim, I. T**., Abo Rizq, R. S. and Elzanfaly, E. S.. "Preparation, chromatographic evaluation and biodistribution of ^{99m}Tc-procainamide as a radiopharmaceutical for heart imaging" *Radiochimica Acta*, vol. 105, no. 3, 2017, pp. 215-223. https://doi.org/10.1515/ract-2015-2558
2016	Sameh H. Othmana,, **I.T. Ibrahim**, M.H. Hatab, Ahmed M. Elbarbary. Preparation, characterization and biodistribution in quails of99mTc-folic acid/chitosan nanostructure. International

	Journal of Biological Macromolecules 92 (2016) 550–560
2016	El-Motaleb Abd El-Rhman, Mohamed Abd, Ibrahim, Ismail Taha, Abd El-Halim, Sayed Mohamed and El-Tawoosy, Mahmoud El-Sayed. "Oxidative radioiodination of meclofenoxate as a preclinical brain imaging agent" *Radiochimica Acta*, vol. 104, no. 7, 2016, pp. 491-497. https://doi.org/10.1515/ract-2015-2557.
2015	Radioiodination of 2,3-dimethyl-4H-furo[3,2-c]coumarin and biological evaluation in solid tumor bearing mice S.M. Abd Elhalim, I.T. Ibrahim Volume 95, January 2015, Pages 153–158.
2015	M.A. Motaleb,, A. S. Farrag, I.T. Ibrahim, M.O. Sarhan, M. F. Ismail. preparation and molecular modeling of radioiodo- proprabolol as a novel potential radiopharmaceutical for lung perfusion scan. International Journal of Pharmacy and Pharmaceutical Sciences.ISSN- 0975-1491 Vol 7, Issue 8, 2015
2014	M.A. Motaleb, **I.T. Ibrahim,** J. M. Rashed . A. A. Elbary. Preparation of radioiodinated ritodrine as a potential agent for lung imaging J Radioanal Nucl Chem (2014) 300:1227–1233 DOI10.1007/s10967-014-3077-2.
2013	Salem A. Habib, **Ismail T. Ibrahim**, Mohamed A. Abd- Eldaye, Mamdouh M. El-Sheshtawey, Heba M. Waly. Radioiodination and biodistribution of NBNPQD (2-benzyl-1-oxo-1,2-dihydropyrido[4,3-b]quinoxaline 5,10-dioxide) in tumor bearing mice. ***Natural Science***, *Vol.4 No.12, 2012*
2012	El-Tawoosy. M and **Ibrahim. I. T.** Radioiodination and Biological Evaluation of Salbutamol as a β2-Adrenoceptor Agonist. Radiochemistry, 2012, Vol. 54, No. 4, pp. 401–406.
2011	**I. T. Ibrahim,** M. El-Tawoosy, and H. M. Talaat. Labeling of Tannic Acid with Technetium-99m for Diagnosis of Stomach Ulcer. nternational Scholarly Research Network ISRN Pharmaceutics Volume 2011, Article ID 578570, 6 pages doi:10.5402/2011/578570
2011	**I.T. Ibrahim,** M. El-Tawoosy. And M. A. Wally. Synthesis, Labeling, and Biological Evaluation of 2-{[Benzyl(cyanomethyl)amino]methyl}-3-(ethoxycarbonyl)-quinoxaline 1,4-Dioxide in Ascites Bearing Mice
	Maha Nasr 1, Gehanne A.S. Awad, Samar Mansour 1, Abdelhamid Al Shamy ,**Ismail Taha** , Nahed D. Mortada Different Modalities of NaCl Osmogen in Biodegradable Microspheres for Bone Deposition of Risedronate Sodium by Alveolar Targeting. European

2011	Journal of Pharmaceutics and Biopharmaceutics (2011).
2011	I**. T. Ibrahim**, K. M.Attallah, M.T. El-Kolaly, Samy A. Abedelazim. Effect of Levamisole on the Biological Activity of Labeled Iodo-deoxyuridine in EAC Bearing Mice. IJNESE Vol.1 No. 1(2011) PP.15-21.
2011	M. E. Moustapha, M. A. Motaleb & **I. T. Ibrahim**. Synthesis of 99mTc-oxybutynin for M3-receptor-mediated imaging of urinary bladder. J Radioanal Nucl Chem.287 (2011) 35-40.
2011	A. M. Amin, K. M. El-Azony, **I. T. Ibrahim**: Application of 99Mo/99mTc alumina generator in the labeling of metoprolol for diagnostic purposes J. Labell. Compds. Radiopharm.Volume 52 Issue 11, Pages 467 – 472.
2011	**I.T.Ibrahim**, A.M.Amin, and K.M.El-Azony :Preparation of Radioiodo-Metoprolol and Its Biological Evaluation as a Possible Cardiac Imaging Agent Radiochemistry.
2010	Samh R. El Gogary. Mohamed A. Waly. **Ismail T. Ibrahim** and Osama Z. El- Sepelgy. (2010). Synthesis and UV absorption of new conjugated quinoxaline 1,4-dioxide derivatives anticipated as tumor imaging and cytotoxic agents. Monatsh Chem. 141;1253- 1262.
2010	**I.T. Ibrahim,** M. A. Motaleb and K.M. Attallah Synthesis and Biological Distribution of 99mTc-Norfloxacin complex , a novel agent for detecting sites of infection. . J Radioanal Nucl Chem.285(2010) 431-436.
2010	**I.T. Ibrahim**. Labeling and Biodistribution of Methotrexate in EAC Tumor Bearing Mice. Arab. J. Nucl. Sci Appl.43(4)19- 31.2010.
2010	H. A. Salem, E. Noaman, **I. T. Ibrahim** M. T. El-Kolalyand H. A. El-Kashef: Influence of Livamisole to Radiotherapeutic Activity of 125-I-Vidarabine in EAC Mice. . Tenth Arab. Conference. Pace Uses of Atomic Energy. Arbil Iraq. 12-16-Dec. 2010.
2010	**I. T. Ibrahim** , M. A. Wally, Synthesis, Labeling and Biodistribution of 99mTc-3- amino-2-quinoxalin-carbonitrile 1,4- dioxide in Tumor Bearing. J Radioanal Nucl Chem.285(2010) 169- 175.
	I.T. Ibrahim and K.M. Attallah Preparation of 99mTc-Ancitabine as

2010	a Possible Tumor Imaging Agent. Arab. J. Nucl. Sci Appl. 43(4)65-71.
2010	H.A. Salem, E. Noaman, M.A. Motaleb, M.T. Kollaly and **E. Taha** (2010). Radioactive Iodo-Azathioprine as a Model for Cancer Imaging and Therapy. Arab J. Nucl. Sci. Appl. 43(1). 53-63.
2010	H. A. Salem, Eman Noaman, M. T. El-Kolaly, **I. Taha** and H. A. El-Kashef: Dexamethasone modulates the Radiotherapeutic Effect of Labeled Iodo-Ancitabine in Solid Tumor Bearing Mice. Arab J. Nucl. Sci. Appl. 43(1). 105-120
2009	**I. T. Ibrahim.** Labeling of metronidazole with techentiom-99m as a model for tumor imaging. Journal of radioanalytical and Nuclear application (2009). 281; 669-674.
2009	H.M. Talaat. **I.T. Ibrahim** and K.M. Attallah. Comparative Study Between 99mTc-Kanamycin and 99mTc- Gentamycin as Diagnostic Agents for Bacterial Infection. Isotope, Rad. Res., 41;2(2009)557-568
2007	Noaman E., Salem HA., Motaleb MA., **Taha E**., Kollaly MT. (2007): Treatment and imaging of cancer using radiolabeled iodo- vidarabine. Arab J. Nucl. Sci. Appl. 37(1). 1-13.