

Curriculum Vitae

Name: Huda Issa Atiya

Specialization: Molecular Biology (cancer microenvironment)

- March 2019-present: Post-doctoral Associate at School of Medicine, University of Pittsburgh, USA. (Mentor: Dr. Lan G. Coffman)
 - Jan. 2014- Dec. 2018: Doctoral study at School of Medicine, University of South Carolina, USA. (Mentor: Dr. Ann F. Ramsdell)
 - Oct. 2005- Nov. 2007: Master study at College of Education, Thi-Qar University, Thi-Qar, Iraq. (Mentor: Dr. Khalid Al-fartosi)
 - Oct. 2001-June 2005: B.S. (Biology) at College of Education, Thi-Qar University, Thi-Qar, Iraq.
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Publication:

- Fan, HuiHui*, **Atiya, Huda***, Frisbie, Leonard, Chandler, Chelsea, Pisanic, Thomas, Shen, Hui&, Coffman, Lan& (***co-first authorship**) (&co-last authorship). Epigenetic rewiring towards mesenchymal-epithelial transformation in ovarian cancer-associated mesenchymal stem cells drives metastasis. *Cancer Cell (in press)*.
- **Huda I. Atiya**, Shruti Patel, Anna Dvorkin-Gheva, John Hassel, Johnnie Hodge, Daping Fan and Ann F. Ramsdell. Left-right differences in triple negative breast cancer metastasis. *Nature-Oncogene (in press)*.
- **Huda I. Atiya**, Leonard Frisbie, Catherine Pressimone and Lan Coffman. ‘Mesenchymal stem cells in the tumor microenvironment’ **“Tumor Microenvironment – Novel Concepts”** Springer Nature series "Advances in Experimental Medicine and Biology (ISSN:0065-2598)" (in press).
- **Huda I. Atiya**, Anna Dvorkin-Gheva, John Hassel, Shruti Patel, Rachel L. Parker, Adam Hartstone-Rose, Johnnie Hodge, Daping Fan and Ann F. Ramsdell. Intraductal Adaptation of the 4T1 Mouse Model of Breast Cancer Reveals Effects of the Epithelial Microenvironment on Tumor Progression and Metastasis. *Anticancer Research 2019; 2277-2287*

- Fuseler JW, Robichaux JP, **Atiya HI**, Ramsdell AF. Morphometric and fractal dimension analysis identifies earlyneoplastic change in mammary epithelium of MMTV-cNeu mice. *Anticancer Research* 2014; 34: 1171-1177.
 - **Atiya HI**. Assessment the role of vitamin E to reduce side effect of sodium sulfate Na₂SO₄. *Journal college of education for pure science* 2011; 1(5):70-74.
 - Al-Fartosi KG, Khuon OS, **Huda Issa Al-Tae**. Protective role of camel milk against paracetamol induced hepatotoxicity in male rats. *International Journal of Research in Pharmaceutical and Biomedical Sciences* 2011; 2(4):1795-1799.
 - Khuon OS, **Huda Issa Al-Tae**, Al-Fartosi KG. Some biochemical parameters of diabetic rats treated with aqueous extract of *Trigonella foenum graecum* (fenugreek) seeds. *Thi-Qar Medical Journal* 2010; 4(3):123-130.
 - **Huda Issa Al-Tae**. The effect of Phospholipase Enzyme in the Biological and Biochemical parameters of *Mus musculus* mouse model. 2007 (Master thesis)
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Paper Presented (conference):

- June 2019 31st Annual UPMC Hillman Cancer Center Scientific Retreat “*Defining the role of tumor cell: mesenchymal stem cell interactions in metastatic progression*”
- April 2018 Discover University of South Carolina “*The role of epithelial microenvironment in mammary tumors progression*”
- November 2017 Carolina Women’s Health Research Forum. University of South Carolina “*Left-right differences in triple negative breast cancer metastasis*”
- October 2017 Hollings Cancer Center Research Retreat. Medical University of South Carolina “*Left-right differences in triple negative breast cancer metastasis*”
- June 2017 Gordon Research Conference on Mammary Gland Biology (Stowe, VT) “*Left-right differences in triple negative breast cancer metastasis*”

- June 2017 Advanced Professional Development, 2017 Gordon Research Seminar on Mammary Gland Biology (Stowe, VT) “*Left-right differences in triple negative breast cancer metastasis*”
 - April 2017 Discover University of South Carolina “*Are there left-right differences in breast cancer outcomes*”
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Workshop:

- October 2014: “Introducing PCR multiplex as a new tool for gene expression” at School of Medicine, University of South Carolina, USA.
 - December 2014: “Meta-Morpho software for molecular morphometric analysis” at School of Medicine, University of South Carolina, USA.
 - March 2015: “Using Electronic, Confocal, and Fluorescence microscopy in Molecular Imaging” at School of Medicine, University of South Carolina, USA.
 - April 2015: “Amira software in preparing 3D construction” at School of Medicine, University of South Carolina, USA.
 - February 2016: “Flow-Jo software to analysis Flow Cytometric data” at School of Medicine, University of South Carolina, USA.
 - August 2016: “Clearing tissue samples for better imaging” at School of Medicine, University of South Carolina, USA.
 - April 2017: “Overview for Bioinformatic tools in Biomedical research” at Hollings Cancer Center. Medical University of South Carolina, USA.
 - October 2017: “How to use TCGA data base in your research” at Hollings Cancer Center. Medical University of South Carolina, USA.
 - May 2018: “Dissertation and manuscript formatting” at University of South Carolina, USA.
 - April 2019: “Resume and cover letter workshop” at University of Pittsburgh, USA.
 - September 2019: “Know Your K: Writing a Successful Career Development Award” at University of Pittsburgh, USA.
 - September 2019: “Describing and Defining Your Data (RCR/BERD workshop)” at University of Pittsburgh, USA.
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