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Postdoctoral Scholar, Oncology

Bio

PROFESSIONAL EDUCATION

- Bachelor of Arts, Augustana College (2012)
- Doctor of Philosophy, University of Iowa (2016)

Publications

PUBLICATIONS

- **The MYC oncogene - the grand orchestrator of cancer growth and immune evasion.** *Nature reviews. Clinical oncology*
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- **The gastrointestinal microbiota controls cancer cell intrinsic mechanisms to promote the progression of acute lymphoblastic leukemia.**
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- **Development and Characterization of the Shortest Anti-Adhesion Peptide Analogue of B49Mod1.** *Molecules (Basel, Switzerland)*
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- **The Myc and Ras Partnership in Cancer: Indistinguishable Alliance or Contextual Relationship?** *Cancer research*
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- **BST-2 promotes survival in circulation and pulmonary metastatic seeding of breast cancer cells.** *Scientific reports*
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- **TIM-1 Mediates Dystroglycan-Independent Entry of Lassa Virus** *JOURNAL OF VIROLOGY*

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- **B49, a BST-2-based peptide, inhibits adhesion and growth of breast cancer cells** *SCIENTIFIC REPORTS*
Mahauad-Fernandez, W. D., Okeoma, C. M.
2018; 8: 4305
 - **Structural determinant of BST-2-mediated regulation of breast cancer cell motility: a role for cytoplasmic tail tyrosine residues** *ONCOTARGET*
Naushad, W., Mahauad-Fernandez, W. D., Okeoma, C. M.
2017; 8 (66): 110221–33
 - **Cysteine-linked dimerization of BST-2 confers anoikis resistance to breast cancer cells by negating proapoptotic activities to promote tumor cell survival and growth** *CELL DEATH & DISEASE*
Mahauad-Fernandez, W. D., Okeoma, C. M.
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 - **The role of BST-2/Tetherin in host protection and disease manifestation** *IMMUNITY INFLAMMATION AND DISEASE*
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 - **Restriction Factors and Chikungunya Virus** *Chikungunya Virus Advances in Biology, Pathogenesis, and Treatment*
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