Sylvestor A. Moses, M.D., Ph.D.

Tucson, AZ

Medical Career

- **Inpatient Hospitalist**, San Carlos Healthcare Hospital, Peridot, AZ, July 2022 - Present
- **Internal Medicine Residency**, University of Arizona, Tucson, AZ, Banner-University Medical Center, July 2019 – June 2022

Education

- **Doctor of Medicine**, University of Arizona College of Medicine, Tucson, AZ, June 2019
- **PhD in Biochemistry and Molecular and Cellular Biology**, University of Arizona, Tucson, AZ, Advisor: Emmanuelle J. Meuillet, May 2013
- **Master of Science in Molecular and Cellular Biology**, University of Arizona, Tucson, AZ, May 2007
- **Bachelor of Science in Molecular and Cellular Biology**, University of Arizona, Tucson, AZ, May 2002

Academic Honors and Awards

- American Society of Clinical Oncology (ASCO) Conquer Cancer Medical Student Rotation (MSR) Award, 2018
- American Association of Cancer Research (AACR) Minority Scholar in Cancer Research Award (2010, 2012)
- The University of Arizona Biochemistry and Molecular and Cellular Biology (BMCB) Training Grant (July 2010- June2011, July 2011-June 2012)
- NIH Supplemental Grant Recipient (June 2008-June 2010)
- University of Arizona, Department of Molecular and Cellular Biology Graduate Researcher of the Year (2009-2010)
- NIH Initiative for Maximizing Student Development (IMSD) Scholar (2008)
• Alfred P. Sloan Fellow (2005, 2008)

Publications

1. Bernardi, A.M., Moses, S.A., Barber, B.J., Witte, M.H., Seckeler, M.D. “Higher incidence of protein-losing enteropathy in patients with single systemic right ventricle.” Pediatric Cardiology, 2021. Jan 42(1):178-181

2. Mushtaq, R., Porrino, J., Moses, S.A., Guzmán Pérez-Carrillo, G.J. “Neural Foraminal Lesions: An Imaging Overview.” PM&R, 2018. March 10(8): 880-885

3. Chen, L., Du-Cuny, L., Moses, S.A., Dumas, S., Song, Z., Rezaeian, AH, Lin, HK., Meuillet, E.J., Zhang, S. “Novel inhibitors induce large conformational changes of GAB1 pleckstrin homology domain and kill breast cancer cells.” PLoS Computational Biology, 2015. Jan 8;11(1)

4. Ahad, A.M., Song Z., Du-Cuny, L., Moses, S.A., Zhou,L., Ghosh, S.C., Zhang, S., Powis, G., Meuillet, E.J., Mash, E.A. “Development of Sulfonamide AKT Inhibitors.” Bioorganic & Medicinal Chemistry, 2011. March 15:19(6):2046-54

5. Meuillet, E.J., Song, Z., S., Lemos, R., Ihle, N., Kingston, J., Watkins, R., Moses, S.A., Zhang, S., Du-Cuny, L., Herbst, R., Jacoby, J.J., Zhou, L., Ahad, A.M., Mash, E.A., Kirkpatrick, L., and Powis, G. “Molecular pharmacology and antitumor activity of PHT-427 a novel AKT/PDPK1 pleckstrin homology domain inhibitor.” Molecular Cancer Therapeutics, 2010. March 9(3):706-17.

6. Du-Cuny, L., Song, Z., Moses, S.A., Powis, G., Mash, E.A., Meuillet, E.J., Zhang,S. “Computational modeling of novel inhibitors targeting the Akt pleckstrin homology domain.” Bioorganic & Medicinal Chemistry, 2009. Oct 1;17(19):6983-92.

7. Moses, S.A., Ali, M.A., Song, Z., Du-Cuny, L., Zhou, L., Lemos, R., Ihle, N., Sillman, G., Zhang, S., Mash, E.A., Powis, G., and Meuillet, E.J. “In Vitro and In Vivo Activity of Novel Small Molecule Inhibitors Targeting the Pleckstrin Homology Domain of Protein Kinase B/AKT.” Cancer Research, 2009. Jun 15;69(12):5073-81.

8. Mahadevan, D., Powis, G., Mash, E.A., George, B., Gokhale, V.M., Zhang, S., Shakalya, K., Du-Cuny, L., Berggren, M., Ali, M.A., Jana, U., Ihle, N., Moses, S.A., Franklin, C., Narayan, S., Shirahatti, N., and Meuillet, E.J. “Discovery of a novel class of AKT pleckstrin homology domain inhibitors.” Molecular Cancer Therapeutics, 2008. Sep;7(9):2621-32.
Leadership & Volunteer Work

- San Carlos Apache Healthcare Hospital – Work Group Task Force to increase Apache student representation in health care fields (2022 – present)
- Association of Native American Medical Students (ANAMS) co-president for University of Arizona, College of Medicine Chapter, (2015 – 2019)
- Student National Medical Association (SNMA) treasurer for University of Arizona, College of Medicine Chapter, (2015 – 2019)
- Motivational speaker for the Summer Institute on Medical Ignorance program (SIMI), a program developed to enrich student education and general health literacy beyond classroom lecture (2003 – present)
- Musical services (piano, clarinet, bass guitar) to churches, nursing homes, and various community events locally and on the San Carlos Apache Reservation (1996-present)
- Guest lecturer for San Carlos Apache High School youth and undergraduates who receive Tribal funding (2013-2017)
- Volunteer tutor for Native American undergraduate students in STEM fields (2007-2012)

Hobbies & Interests

- In my off-time, I enjoy exploring the San Carlos Apache Reservation. I am an avid outdoorsman and participate in hiking, camping, canoeing, fishing, and hunting.
- I play racquetball 2-3 times weekly at our local fitness club. I have been playing racquetball for over 30 years and enjoy teaching new players the sport. I have even managed to win our local club’s league tournament.
- I play 5 different instruments; piano, clarinet, guitar, bass guitar, and saxophone. I am formally trained in classical piano and have been playing for over 35 years.