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**CURRICULUM VITAE**

<b>CURRENT POSITION</b>	<b>Assistant professor</b> – Department of Physiology and Biochemistry School of Medicine	University of Jordan
<b>EDUCATION</b>		
<b>1/2018- 6/2022</b>	<b>PhD in Vascular Physiology</b> Thesis title: Mechanosensitive transcriptional regulation of gene expression in smooth muscle. Implications for health and disease.	Lund University/ Sweden
<b>9/2009- 6/2015</b>	<b>Doctor of Medicine (MD)</b>	University of Jordan
<b>2008-2009</b>	<b>Higher Secondary School Certificate (scientific)</b>	Jordan
<b>EXPERIENCE</b>		
<b>2022</b>	<b>Lab-tutor</b> Teaching transfection methods and microscopy to biomedical students.	Lund University
<b>2019-2021</b>	<b>Supervisor</b> Supervision of bachelor thesis and lab projects.	Lund University
<b>1/2017-1/2018</b>	<b>Teaching assistant</b> Teaching physiology lab to medical and dental students.	University of Jordan
<b>2016</b>	<b>Private Teaching-Tutor</b> Teaching basic medical science to medical students.	Jordan
<b>7/2015- 6/2016</b>	<b>Intern</b> Clinical rounds, discharge plans and summaries.	Jordan
<b>CONFERENCES</b>		
<b>2019</b>	<b>FASEB Smooth Muscle Conference</b> Oral and poster presentation	Florida
<b>2018</b>	<b>Phi's research and innovation summit</b>	Amman
<b>2015</b>	<b>IFMSA- JO SCORE medical research conference</b>	Amman
<b>AWARDS</b>		
<b>2022</b>	Research months- Heart and lung foundation	
<b>2021</b>	Project grant- Royal Physiographic Society	
<b>2020</b>	Project grant- Royal Physiographic Society	
<b>2018-2022</b>	PhD scholarship	

<b>LANGUAGES</b>	Arabic- native speaker English- professional Swedish- basic
<b>COURSES AND WORKSHOPS</b>  <b>2022</b> <b>2021</b> <b>2019</b> <b>2019</b> <b>2019</b> <b>2018</b> <b>2017</b> <b>2016</b> <b>2015</b> <b>2015</b>	Writing, Reviewing and Publishing Scientific Papers Introduction to Medical Bioinformatics Applied Statistics II - Biomedicine and Laboratory Medicine Theory and Practice of Scientific Communication Research Ethics Quantitative PCR Data analysis using Statistical Package for the Social Sciences How to manage a GP clinic course How to search medical literature workshop Evidence based health care workshop
<b>PUBLICATIONS</b>	<p>Arévalo Martínez M, Ritsvall O, Bastrup JA, Celik S, Jakobsson G, <b>Daoud F.</b>, . . ., Albinsson S. (2023). Vascular smooth muscle-specific YAP/TAZ deletion triggers aneurysm development in mouse aorta. JCI Insight.e170845.</p> <p>Alajbegovic, A., <b>Daoud, F.</b>, Ali, N., Kawka, K., Holmberg, J., &amp; Albinsson, S. (2022). Transcription factor GATA6 promotes migration of human coronary artery smooth muscle cells in vitro. <i>Frontiers in Physiology</i>, 13.</p> <p><b>Daoud, F.</b>, Arevalo Martinez, M., Holst, J., Holmberg, J., Albinsson, S., &amp; Sward, K. (2022). Role of smooth muscle YAP and TAZ in protection against phenotypic modulation, inflammation, and aneurysm development. <i>Biochem Pharmacol</i>, 206, 115307.</p> <p><b>Daoud, F.</b> (2022). Mechanosensitive transcriptional regulation of gene expression in smooth muscle. Implications for health and disease. [Doctoral thesis (compilation), Department of Experimental Medical Science]. Lund University, Faculty of Medicine.</p> <p><b>Daoud, F.</b>, Arevalo Martinez, M., Holmberg, J., Alajbegovic, A., Ali, N., Rippe, C., . . . Albinsson, S. (2022). YAP and TAZ in Vascular Smooth Muscle Confer Protection Against Hypertensive Vasculopathy. <i>Arterioscler Thromb Vasc Biol</i>, 42(4), 428-443.</p> <p>Alajbegovic, A., Holmberg, J., <b>Daoud, F.</b>, Rippe, C., Kalliokoski, G., Ekman, M., . . . Albinsson, S. (2021). MRTFA overexpression promotes conversion of human coronary artery smooth muscle cells into lipid-laden foam cells. <i>Vascul Pharmacol</i>, 138, 106837.</p>

**Daoud, F.**, Holmberg, J., Alajbegovic, A., Grossi, M., Rippe, C., Sward, K., & Albinsson, S. (2021). Inducible Deletion of YAP and TAZ in Adult Mouse Smooth Muscle Causes Rapid and Lethal Colonic Pseudo-Obstruction. *Cell Mol Gastroenterol Hepatol*, 11(2), 623-637.

De Santis, M. M., Alsafadi, H. N., Tas, S., Bolukbas, D. A., Prithviraj, S., Da Silva, I. A. N., . . . **Daoud, F.** , . . . Wagner, D. E. (2021). Extracellular-Matrix-Reinforced Biopinks for 3D Bioprinting Human Tissue. *Adv Mater*, 33(3), e2005476.

Zhu, B., **Daoud, F.**, Zeng, S., Matic, L., Hedin, U., Uvelius, B., . . . Sward, K. (2020). Antagonistic relationship between the unfolded protein response and myocardin-driven transcription in smooth muscle. *J Cell Physiol*, 235(10), 7370-7382.