

## Curriculum Vitae (CV)

<b>Personal information</b>	<b>Please insert your picture</b>
<b>First name:</b> Masoumeh	<b>Last name:</b> Shamsi
<b>Date of birth:</b> 1987/05/27	<b>E-Mail:</b> masoumeh2016shamsi@gmail.com
<b>Address:</b> Asadabad-Hamedan-Iran	<b>Phone number:</b> 0989382845420
<b>Education</b>	
<b>Ph.D. degree: Clinical Biochemistry</b> <b>Title of thesis:</b> Evaluation of cytotoxic effect of combination of Q/Cis and Nano-Q/Cis on A2780, SKOV3 Ovarian cancer cell lines and investigation the mechanism of effect <b>Year of graduation:</b> 2020/02/01 <b>Ph.D. degree average:</b> 18.48	
<b>Master's degree: Biochemistry</b> <b>Title of dissertation:</b> The Effect of Point Mutations Related to Leucine 679 on the Structure and Function of Chondroitinase ABC I <b>Year of graduation:</b> 2015/11/23 <b>Master's degree average:</b> 18.22	
<b>Bachelor's degree:</b> <b>Title of dissertation (if there was):</b> <b>Year of graduation:</b> 2012/09/21 <b>Bachelor's degree average:</b> 15.78	
<b>Associate's degree:</b> <b>Year of graduation:</b> <b>Associate's degree average:</b>	
<b>Diploma degree:</b> <b>Year of graduation:</b> 2005/09/22 <b>Diploma degree average:</b> 17	
<b>Executive experiences:</b> <b>Association of Clinical Biochemistry and Laboratory Medicine</b>	
<b>Experiences in journal management:</b>	
<b>Membership in state, national, and international communities:</b>	
<b>Honors:</b> <b>Ranked first and recognized as an outstanding student during both Master's and PhD studies</b>	

<p><b>Teaching experiences:</b>  Taught Practical Clinical Biochemistry to medical, dental, and pharmacy students at the Faculty of Medicine, Department of Biochemistry, Ahvaz University of Medical Sciences.  Taught Clinical Biochemistry to medical students in the Basic Medical Sciences Comprehensive Exam Workshop.  Lectured on Clinical Biochemistry to nursing students in Izeh.  Taught Biology to Early Childhood Education students at Seyyed Jamal Asadabad University.  Conducted Practical Biochemistry classes for students at Zanzan University.  Taught Biology and Health Education at high school level.</p>
<p><b>Participation in training courses and workshops:</b></p>
<p><b>Entrepreneurship:</b></p>
<p><b>Published books:</b></p>
<p><b>Research projects:</b>  Evaluation of the combined effect of curcumin and nano-quercetin on NOX1 and NOX2 enzymes expression and ROS levels in VSMC cell line  Comparison of the effects of resveratrol-containing lipid nanoparticles with saroglitazar on histology and inflammatory factors in non- alcoholic fatty liver induced by high-fat diet in Wistar rats</p>
<p><b>Educational grants:</b></p>
<p><b>Research grants:</b></p>
<p><b>Experience as being supervisor in education, research projects, dissertation, or thesis:</b></p>
<p><b>Experience as being advisor in education, research projects, dissertation, or thesis:</b></p>
<p><b>Participation in meeting, journal club, and conferences:</b></p>

<b>Published articles:</b>			
<b>1</b>	<b>A Novel Approach to Overcoming Cisplatin Resistance in Ovarian Cancer: Unveiling the Synergistic Potential of Quercetin-Loaded Solid Lipid Nanoparticles</b>	<b>Iranian Biomedical Journal</b>	
	<b>Scopus, PubMed, Embase</b>	<b>2024</b>	
<b>2</b>	<b>Dual Modulation of Canonical and Non-canonical TGF-<math>\beta</math>/ROS/Erk1/2 Pathways: Synergistic Activation of Nrf-2 and Antioxidant Enzymes (SOD1, GPx, HO-1) by Quercetin Loaded in Solid Lipid Nanoparticles and Curcumin in Atherosclerosis Therapy</b>	<b>Iranian Journal of Pharmaceutical Research</b>	
	<b>ISI, Scopus, PubMed, Embase</b>	<b>2024</b>	
<b>3</b>	<b>Corrigendum to "Exploring the combined impact of cisplatin and copper-cysteamine nanoparticles through Chemoradiation: An in-vitro study</b>	<b>Toxicology in vitro</b>	
	<b>ISI, Scopus, PubMed, Embase</b>	<b>2024</b>	
<b>4</b>	<b>Resveratrol and Saroglitazar: A Promising Combination for Targeting TGF-<math>\beta</math>/Smad3 Signaling and Attenuating Inflammatory Response in Nonalcoholic Steatohepatitis in Rats</b>	<b>Hepatitis Monthly</b>	
	<b>ISI, Scopus, Embase</b>	<b>2023</b>	
<b>5</b>	<b>Optimization of conformational stability and catalytic efficiency in chondroitinase ABC I by protein engineering methods</b>	<b>Engineering in Life</b>	
	<b>ISI, Scopus, Embase</b>	<b>2016</b>	
<b>6</b>	<b>Investigating the structural and functional features of representative recombinants of chondroitinase ABC I</b>		
	<b>Enzyme and Microbial Technology</b>	<b>ISI, Scopus, PubMed, Embase</b>	<b>2017</b>
<b>In press articles:</b>			
<b>Experience as being reviewer (book, journal, conference, research projects, etc):</b>			