	Name:				Name:	Scientific Degree:	
31	Ali Asakri Zadeh	Turbiat Modares University	1-Ali Asakri Zadeh	1-Tarbiat Modares University			
	Maham		Mahani	2-Tarbiat Modares University			
			2-Mehrdad	3-Tarbiat Modares University		1	
-			Manteghian	3-1 ar blat iviodates Offiversity			
1			3-Hassan				
į	The Sant of the Sa		Pahlavanzadeh				
	Paper Title: Experimental investigation of effect of silver nanoparticles on dissociation of methane hydrate						
9	Abstract. Natural gas hydrate is an important energy source and has potential for gas storage and transportation[1]. Stability of hydrate is an important parameter for transportation[2]. In this study the effects of silver nanoparticles of dissociation rate of methans bydrate were investigated. Described an experience of triangless and transportation[1].						
diam							
Mark an							
- 1							
1							
8							
1							
	pure water. The hydrate dissociation rates just at the beginning of dissociation are shown in Table 1. The initial rate of the dissociation at concentration of 25 ppm nanoparticles was about 9 times higher than the pure water.						
	Keywords: Hydrate, Silver nanoparticles, Dissociation						
2	Marzich Salimi	Department of medical physics and Biomedical	1-Marzieh Salimi	1-2-Department of medical physics and Biomedical	Marzieh	PhD candidate	Attending, Attend
- 1		Engineering, Tehran university of medical sciences	2-Saeed Sarkar	Engineering, Tehran university of medical sciences,	Salimi	1 nD candidate	(poster)
-		Tehran, Iran	3-Reza Saber	Tehran, Iran	Jamin		(paster)
-			4-Alimohammad	3-Department of modern technologies, Tehran			
- 1			Alizadeh	university			1
1			5-Hamid Delavari	4-Cancer institute, Emam Khomeini hospital, Tehran	-		
1				5-Department of Materials Engineering, Tarbiat			1
-	P Tol. (l of G4 dendrimer coated iron oxide nanoparticles in ma		Modares University			
a is	materials: Fe3O4 MNPs w XRD,FT-IR, TEM and DLS well as hemolysis. Results as we predicted, the toxicity increased with increasing fi The highest amount of Her soutable magnetization prop- very low toxic in cancer a	ere synthesized by coprecipitation of Fe3+ and Fe2+ S. The PAMAM@Fe3O4 NPs displayed relatively hi The size of nanoparticles was about 10 nm and the re y of PAMAM @ Fe3O4 NPs was negligible. The temprequency and NPs concentration. The renal and hepat molysis in NPs concentration of 1 mg/ml was only 8 perties of these NPs, we decided to investigate them it and normal cell lines and this is due to dendrimer ce	solution followed by surface gh magneto-temperature resp sult of DLS shown 108nm hy erature increase measured in ic factors in blood as well as percent. Discussion There are n magnetic hyperthermia. For	yperinemia tnanks to their very low toxicity and good bit idisciplinary cancer treatments. Dendrimers are a group in his study, we assessed G4 PAMAM coated Fe3O4 modification with PAMAM dendrimers. The morpholo tonse which could be applied to hyperthemia therapy. Tydrodynamic size. The outcomes revealed that these MN magnetic hyperthermia was performed in two frequency blood proteins did not change significantly in selected NI es some studies focused on PAMAM @Fe3O4 NPs as an clinical use of produced NPs, they must be toxic as low n. Because of dendrimers superior properties in MRI a AM @Fe3O4 NPs are needed to elucidate this subject.	NPs (PAMAM@ gy and properties he chronic and ac Ps appear to be the of 200 and 300kH Ps concentrations to MRI contrast age	Fe3O4) in magnetic hy of obtained nanopartic haute in toxicity vivo and e promising materials for 2x and intensity of 12 kA used in chronic and acutent or a vehicle for drawn or a veh	perthermia. Method a es were characterized in vitro was assessed or local hyperthermia of the introduced S e toxicity in bulb-c m e toxicity. Considering
1		rthermia, dendrimer, magnetite, nanopartic les		e de la subject.			
		Tehran University Of Medical Sciences	1-Fatemeh Madani	1-Tehran University Of Medical Sciences	Pot 1		
F				of Medical Sciences	Fatemeh Madani	M.Sc	Attending, Attend
F		•		ii a			(poster)
	aper Title: Effect of stabil		el nanoparticles				(poster)
Pi		lizer and drug concentration on size of PLGA-paclitax					
Pi	harries Co.	lizer and drug concentration on size of PLGA-paclitax	•	th 22 million by 2020 about the control of the cont			
Pi	bsract: Cancer is a major	lizer and drug concentration on size of PLGA-paclitax r fatal morbidity worldwide, and is anticipated all ne	ew cancerous cases will read	th 22 million by 2030, chemotherapy is the first treatn	nent line of cance	T. Paclitaxel is used as	
Pri All tre	absract: Cancer is a major eatment of most solid turns of Paclitaxel PLGA is bigg	lizer and drug concentration on size of PLGA-paclitax r fatal morbidity worldwide, and is anticipated all no ors. Despite high potential, its clinical uses are limited	ew cancerous cases will read	th 22 million by 2030, chemotherapy is the first treatneous solvents and major side effects. In order to overco		r. Paclitaxel is used as	
Pr Al tre	absract: Cancer is a major eatment of most solid turns of Paclitaxel PLGA is bigg	lizer and drug concentration on size of PLGA-paclitax r fatal morbidity worldwide, and is anticipated all no ors. Despite high potential, its clinical uses are limited	ew cancerous cases will read			r. Paclitaxel is used as	
Pr Al tre of na	absract: Cancer is a major eatment of most solid turn of Paclitaxel. PLGA is bioc anoparticles. We synthesiza	lizer and drug concentration on size of PLGA-paclitax r fatal morbidity worldwide, and is anticipated all no ors. Despite high potential, its clinical uses are limited	ew cancerous cases will read	th 22 million by 2030. chemotherapy is the first treatneous solvents and major side effects. In order to overcoagent The aim of this work is to investigated the effermenthod and characterized their size using DLS and SEP		r. Paclitaxel is used as ons, PLGA nanoparticle d drug concentration or	