Poster Number	Abstract Title	Presenter	Institution
Number	Linid draplata as substrates		University of Tayon
1	Lipid droplets as substrates for protein phase separation	Advika Kamatar	University of Texas at Austin
•	Solids and Liquids in Clathrin-	/ aviita ramatai	University of Texas
2	Mediated Endocytosis	Brandon Malady	at Austin
	Using Methacrylated	,	
	Hyaluronic Acid Hydrogels as		
	a model for IPF to Study the		
	Effect of Particulate Matter on		University of Texas
3	Lung Fibroblasts	Darren Loh	at Austin
	Composite-Coated Endotracheal Tubes for		
	Restoring Vocal Fold Function	Gabriela Cervantes-	
	After Traumatic Intubation	Gonzales – Travel	University of Texas
4	Injury	Award	at San Antonio
	PEG Hydrogel/Shape Memory		
	Polymer Foam Composite		
_	Biopsy Sealants with		Texas A&M
5	Multimodal Contrast	Matthew Jungmann	University
	Understanding the Impact of		
	PEG Immunogenicity on the Host Response to Hydrogel		Texas A&M
6	Implants	Mahmood Zabihi	University
	Integrin Targeting Multilayer	Warmiood Zabiiii	Chivorony
	Vascular Grafts for Sustained		University of Texas
7	Thromboresistance	Abbey Nkansah	at Austin
	Model-directed Design of a		
	High Compliance Vascular		
8	Graft with Improved Kink Resistance	Andrew Robinson	University of Texas at Austin
0	Interpenetrating Network	Andrew Robinson	at Austin
	Design to Increase Damage-		
	Resistant Hydrogel Coatings		University of Texas
9	for Cardiovascular Devices	Ashauntee Fairley	at Austin
	Estique Testing of Hydrogal		
	Fatigue Testing of Hydrogel Electrodes for the Treatment		University of Texas
10	of Ventricular Arrhythmia	Derek Bashe	at Austin
	Chemically Modified	= 5.0 20.00	
	Rhamnan Sulfate Compounds		
	as Therapeutics for		
	Inflammation and Non-		
	Alcoholic Fatty Liver Disease		University of Texas
11	(NAFLD)	Greg Callahan	at Austin

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	Introduction of Corrugation to		<u></u>
	Electrospun Vascular Grafts		University of Texas
12	Improves Kink Resistance	Jonathan Leung	at Austin
	Manipulating cancer		
	metabolism with chemically		University of Texas
13	engineered biomaterials	Mohini Kamra	at Austin
	HYACINTH: A HYdrogel-		
	based, Adhesive, Contraction-		
	INductive, Therapeutic		
	Hemostatic Material for		Texas A&M
14	Postpartum Hemorrhage	Sarah Hargett	University
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15	Hemorrhage	Prasenjeet Ingole	University
- 10	Multicenter Trial of	1 raconject ingolo	OTHVOIORY
	Chlorinated Polyethylene		
	Elastomer (CPE) for	Lawrence	University of
16	Maxillofacial Prosthetics	Gettleman	Louisville
10	Biodegradable Microparticles	Octionan	Logisville
	Exhibiting Pulsatile Release		
	for Single-Injection		
17	Vaccination	Alyssa Kunkel	Rice University
•	Near-Infrared Light-	7 try 550 i Norther	Trioc Offiversity
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	demand Dual Delivery of		University of Texas
18	Proangiogenic Growth Factors	Bryce Larsen	at Austin
10	Controlled Release of Small	Dryoc Larson	at / tabtiii
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	a Supramolecular Peptide		
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19	Covalent Chemistry	Chaoyang Tang	Rice University
1.5	Delivery of Misoprostol via	Chacyang rang	1 100 Offivoroity
	Lipid Coated Mesoporous		
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	Mitophagy in Fat Cells during		University of Texas
20	Cancer Cachexia	Cody Schiferl	at San Antonio
20		Cody Schillett	at Jan Antonio
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	Polymeric Oral Delivery	Eahiola Chana	University of Toyon
24	Platform for Therapeutic	Fabiola Chapa-	University of Texas
21	Proteins	Villarreal	at Austin

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22	with Polymerized Gentamicin	Joseph Duran	University
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23	=	Loopold Cuo	at Austin
23	Microspheres Efficacy of Gallium Maltolate	Leopold Guo	at Austin
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24	in Treatment of Chronic	Nicola: Ama	University of Texas
24	Wound Infections	Nicolai Ang	at Austin
	Development of UV-		
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	Polymers for the Controlled		
	Release of Immune	Heather Chia-Chien	
25	Checkpoint Inhibitors	Hsu – Travel Award	Rice University
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	Forskolin Effectively		
	Modulates Thermogenesis in	David Zhang –	University of Texas
26	Adipocytes in vitro and in vivo	Travel Award	at San Antonio
	Peristalsis drives a malignant		
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	response in KRAS mutant		Texas A&M
27	colorectal cancer cells	Abbie Clevenger	University
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28	platforms for hMSCs	Hernandez	at Austin
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29	Cardiac Cell Metabolism	Anna McClain	at Austin
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30	Differentiation Protocols	Brett Stern	at Austin
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	Pluripotent Stem Cell Derived		University of Texas
31	Endothelial Progenitors	Bryce Larsen	at Austin
	Matrix-Mechanical Memory:	Elle Keogh	University of Texas
32	EMT Dynamics in PDAC	Taubenfeld	at Austin
	_ = Dynamico in i Di to	. GGDOITIOIG	G. / (GOIII)

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33	mesenchymal stroma	Gennifer Chiou	at San Antonio
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35	Progenitors	Jiwan Han	at Austin
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36	Hydrogels	Kiara Perez	University
30	riyarogeis	Maia Felez	Offiversity
	Overlapping contributions of		
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37	on glioblastoma phenotype	Mollie Harrison	at Austin
	Understanding Adipose Stem		
	Cells Characteristics and		
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38	Cancer Environment	Molly Chambers	at San Antonio
	Breast cancer tumor and		
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	microphysiological system to		
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39	cardiac dysfunction	Paula Delgado	at El Paso
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40	System Repair	Rebecca Duquette	at Austin
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44	Microscopic Colorectal	VandenHeuvel –	Texas A&M
41	Cancer Liver Metastasis	Travel Award	University
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42	resistance and recurrence	Travel Award	at Austin
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	Mimicking the viscoelastic		
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	interpenetrating polymer		University of Texas
43	network	Talia Sanazzaro	at Austin
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44	murine macrophages	Mehrabani	Oklahoma
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45	Immunomodulation	Rana Ajeeb	Oklahoma
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46	Hemorrhage	Travel Award	Oklahoma
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4-	Nanoparticles on		Texas A&M
47	Macrophages	Samantha Foster	University
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49	of Osteoblast-Like Cells	Asiah Lewis	at San Antonio
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51	Models	Indrajit Srivastava	University
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51	Intercellular Mitochondrial Transfer	John Souker	Texas A&M
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52	System	Jordyn Wyse	at San Antonio
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53	Nanoparticle Tropism in Liver	Mario Mata Corral	at El Paso
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54	Nanogels to Macrophages	Paul Atiyeh	Oklahoma
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55	Gold-Hydrogel Biosensors	Priscilla Lopez	at San Antonio
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56	Diseases	Cruz	at Austin
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	external mechanical stimuli:		
	two foundational elements for		University of Texas
57	bone regeneration	Eugenia Morales	at San Antonio
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58	Regeneration	Isabelle Gilbert	at Austin
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59	Critical-Sized Defect Model	Alisa Isaac	at San Antonio
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60	Bioink for 3D-Printed Neural	Ananya Datta	University of
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61	Infection and Improve Bone Regeneration	Andres Luengo Martinez	University of Texas at Austin
01	•	iviai iii iez	at Austin
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63	with Ender series 3D printers	Cody Crosby	University
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64	ACL reconstruction	Erin Goebel	University
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65	Multi-Material DLP Bioprinters	Gene Felix	University
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66	Michael Addition Chemistry	Isabella Thomas	University
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67	Platforms Subjected to		University of Texas
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68	and VCAM-1 in Metastasis	Jose Perez	University of Texas at El Paso
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69	extrusion bioprinting	Syed	University
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70	Delivery	Ryan Davis	University
10	Modelling PD using	Tryan Bavis	Oniversity
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71	Neurons	Salma Ramirez	at El Paso
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72	Retain Bioactivity	Sarah Jones	at Austin
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75	Hemorrhage	Travel Award	University
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76	Model	Travel Award	University
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77	Cardiovascular Organoids	Award	at Austin