## 5th Annual Meeting of the Society for Pelvic Research

December 11-13, 2020 Virtual Format

Start Time	End Time	Duration
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	End Time	Duration	Abst #	#PelvRes20	Presenter
		Bulution	AbSt #	Friday, December 11, 2020	Tresenter
				Trainee Workshop	
				Trainee Affairs Committee Workshop - Moderators: Michael Odom, PhD and Aileen Ouyang, PhD Candidate	
11:00 AM	12:00 PM	1:00		Career Planning and Professional Networking in a World of Social Distance	Tierney Bates, EdD
				SPR 2020 Satellite Symposium - NIH P20 Center, Albert Einstein College of Medicine, NY	
				Application of Nanotechnology in the Field of Benign Urologic Disease	
1:00 PM	1:10 PM	0:10			Kelvin Davies, PhD
1:10 PM	1:40 PM	0:30		Keynote Address - Nanomedicines for the Treatment of Renal Disease	Daniel Heller, PhD
1:40 PM	2:00 PM	0:20		The "Einstein Nanoparticle": Background and History, Synthesis, Physico-chemical Characteristics and Adaptations to Benign Urologic Disease Research	Joel Friedman MD, PhD and Parimala Nacaharaju, PhD
2:00 PM	2:20 PM	0:20		Application of Nanotechnology to Sexual Medicine	Kelvin Davies, PhD and Moses Tar, MD
2:20 PM	2:40 PM	0:20		Nanotechnology applied to development of delivery systems for bladder targeted therapeutics	Sylvia Suadicani, PhD
2:40 PM	3:00 PM	0:20		Invited Speaker - NO-releasing nanoparticles ameliorate detrusor overactivity in transgenic sickle cell mice via restored NO/ROCK signaling	Serkan Karakus, MD
3:00 PM	3:15 PM	0:15		Q&A	
4:00 PM	4:05 PM	0:05		Main Meeting Welcome, Day 1, Opening Remarks, Mission of SPR	Michael Ruggieri, Sr, PhD
4:05 PM	4:45 PM	0:40		Session 1: Funding Opportunities - Moderators: Armand Allkanjari, MD, Urology Resident (PGY3) and Michael Ruggieri, Sr, Special Guest Lecture - Basic/Translational Science Funding Opportunities at NIA	PhD Candace Kerr, PhD
4:45 PM	4:55 PM	0:10		Q&A	
			r	Saturday, December 12, 2020	
12:00 PM	12:05 PM	0:05		Welcome, Day 2	Maryrose Sullivan, PhD
12:05 PM	12:45 PM	0:40		Session 2: Novel Therapeutics and Diagnostics - Moderators: Olivia Giovannetti, PhD Candidate and Matthew Fraser, PhD Keynote Address - Translating Basic Science Research into Clinical Management of Men and Women with Genito-Pelvic Dysesthesia (GPD)	) Irwin Goldstein, MD
12:45 PM	12:55 PM	0:10		Q & A Nerve transfer for restoration of lower motor neuron-lesioned bladder function: Correlation between histological changes and nerve evoked	Parbo ME
12:55 PM 1:05 PM	1:05 PM 1:15 PM	0:10	52A1-	contractions The Female Bladder and Urethra Harbor Distinct Microbial Communities	Barbe, MF Wolfe, AJ
1:15 PM	1:25 PM	0:10	S2A3	Nerve transfer for restoration of lower motor neuron-lesioned bladder, urethral and anal sphincter function: Exploring sensory and motor reinnervation	Tiwari, E
1:25 PM	1:35 PM	0:10	S2A4*	Soft silicone-based neural interface to modulate bladder function	Kumar, R
1:35 PM	1:45 PM	0:10	S2A5	Nerve transfer for restoration of lower motor neuron-lesioned bladder function: Attenuation of ex-vivo, nerve-evoked, purinergic, bladder smooth muscle contractions.	Frara, N
1:45 PM	1:55 PM	0:10		Q&A	
1:55 PM	2:10 PM	0:15		BREAK	
2:10 PM	2:20 PM	0:10		Session 3: Models and Methods - Moderators: Nagat Frara, PhD, Postdoctoral Fellow and Georgi Petkov, PhD Acyloxyacyl hydrolase mediates gut microbiome in a mouse model of interstitial cystitis	Rahman-Enyart, A
2:20 PM 2:30 PM	2:30 PM 2:40 PM	0:10 0:10	S3A7 S3A8	Chronic high fat diet increases vaginal sphincter laxity but does not affect pelvic floor muscle function in mice Investigation of sensory and autonomic innervation using immunohistochemistry following cadaveric simulation of mid-urethral sling surgery	Burleson, LK Giovannetti, O
2:40 PM 2:50 PM	2:50 PM 3:00 PM	0:10 0:10		Microarray analysis of human corpora cavernosa tissue from erectile dysfunction patients with diabetes and Peyronie's Immunohistochemical Characterization of Glandular Tissue in the Female Periurethral Space Targeted by Mid-Urethral Sling Procedures	Searl, TJ Tomalty, D
3:00 PM	3:10 PM	0:10		Q&A	
3:10 PM	3:50 PM	0:40		Session 4: Physiology & Pharmacology I - Moderators: Michael Odom, PhD, Postdoctoral Fellow and Maryrose Sullivan, P State of the Art Lecture - Motor Cortical Treatment Targets for Chronic Pelvic Pain: Big Data, Small Data, and Clinical Trials	hD Jason Kutch, PhD
3:50 PM 4:00 PM	4:00 PM 4:10 PM	0:10 0:10	\$4411	Diabetic bladder dysfunction progresses from early overactivity to an underactive bladder state in Akita diabetic mice	Allkanjari, A
4:10 PM	4:20 PM	0.10		Peptide amphiphile nanofiber hydrogel delivery of Sonic hedgehog protein to the penis and cavernous nerve, suppresses intrinsic and extrinsic	Martin, SY
	4:20 PM	0:10	S4A12	apoptotic signaling mechanisms, which are an underlying cause of erectile dysfunction Enhanced neurogenic activity and nerve density in smooth muscle strips taken from closer to the serosal side of the human and dog bladder	
4:20 PM	4:30 PM	0:10	S4A13		Frara, N
			S4A13 S4A14	Lateralization of Bladder Function in Normal Female Canines	Frara, N Giaddui, D Harper, SN
4:20 PM 4:30 PM	4:30 PM 4:40 PM	0:10 0:10	S4A13 S4A14 S4A15	Lateralization of Bladder Function in Normal Female Canines Annexin A1 inhibits NLRP3 and prevents inflammation during bladder outlet obstruction Q & A	Giaddui, D
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