

SNO-SCIDOT 2nd Joint Conference on
Therapeutic Delivery to the CNS



Preliminary Program Schedule
November 15, 16 – 2017
Marriott Marquis Hotel, San Francisco, CA

WEDNESDAY, NOVEMBER 15		
6:00am – 8:00am	Registration	
7:00am – 8:00am	Light Continental Breakfast	Foyer
8:00am – 8:10am	Welcome and Introduction	Manish Aghi (SNO) Michael Vogelbaum (SCIDOT) Co-Chairs
Session 1: Overcoming the Challenge of the BBB William Elmquist, Moderator		
8:10am – 8:30am	Overcoming the BBB	William Elmquist
8:30am – 8:50am	Considerations in the design of novel small molecule drugs for brain cancer	Timothy Heffron
8:50am – 9:10am	Phase 0/2 Trials	Nader Sanai
9:10am – 9:30am	Novel formulations for penetrating the BBB/BSCB	Rachael Sirianni
9:30am – 9:50am	Projecting optimal test molecule exposures for CEDbased neuro-oncology studies	Christopher Shaffer
9:50am – 10:05am	BREAK	
Session 2: Clinical Trials of Direct Delivery for Gliomas: Part 1 Mark Souweidane, Moderator		
10:05am – 10:25am	Real-time imaging of CED	Russell Lonser
10:25am – 10:45am	Update on the MDNA55 program	Krystof Bankiewicz
10:45am – 11:05am	Update on the CAPTIVE/Keynote-192 study	Frank Tufaro
11:05am – 11:25am	Is CED a logical therapeutic strategy in brain stem gliomas of childhood?	Mark Souweidane
11:25am – 11:45am	Durable response rate in high grade glioma: An emerging endpoint for immunotherapeutics	Timothy Cloughesy
11:45am – 12:00pm	Intermittent delivery of chemotherapy in pediatric brainstem gliomas	Steven Gill

12:00pm – 1:00pm	LUNCH	
Session 3: Clinical Trials of Direct Delivery for Gliomas: Part 2 Manfred Westphal, Moderator		
1:00pm – 1:20pm	Update on viral gene therapy program	E. Antonio Chiocca
1:20pm – 1:40pm	Update on the Herpes simplex oncolytic vector program	James Markert
1:40pm – 2:00pm	Update on first in human trial for a novel, multiple microcatheter CED device	Michael Vogelbaum
2:00pm – 2:20pm	Pre-clinical evaluation of convection enhanced delivery platforms in a spontaneous canine glioma model	John Rossmeisl
2:20pm – 2:40pm	Development of radiotherapeutic RNL186 for brain tumors	Andrew Brenner
2:40pm – 2:50pm	Abstract SCDT- 21: Cerebral intraarterial chemotherapy in the treatment of malignant gliomas: ready to rise again	David Fortin
2:50pm – 3:00pm	Abstract SCDT-29: Phase I trial of a convection enhanced delivery of nimustine hydrochloride (ACNU) for patients with brainstem recurrent glioma	Ryuta Saito
3:00pm – 3:15pm	BREAK	
Session 4: Novel Agents for Local Delivery Russell Lonser, Moderator		
3:15pm – 3:35pm	Development of liposomal irinotecan	Manish Aghi
3:35m – 3:55pm	Development of nanoparticle formulations for CED	Young Seo
3:55pm – 4:15pm	Single-cycle convection enhanced delivery of a combination immunotherapy for high grade glioma	Anne-Marie Carbonell
4:15pm – 4:35pm	Development of multi-targeted cytotoxic agents	Waldemar Debinski
4:35pm – 4:55pm	Development of a parvovirus based immunotherapy	Wolfgang Wick
4:55pm – 5:05pm	Abstract SCDT-13: Phase I clinical trial on systemic PD-1 blockade in combination with direct intratumoral injection of CTLA-4/PD-1 immune checkpoint inhibition following resection of recurrent glioblastoma	Johnny Duerinck
5:05pm – 5:15pm	Abstract SCDT-26: Stem cell loaded oncolytic viruses track and kill metastatic brain tumors	Khalid Shah
5:15pm – 7:15pm	POSTER AND NETWORKING RECEPTION	
THURSDAY, NOVEMBER 16		
7:00am –8:00am	Light Continental Breakfast	

Session 5: New Strategies in Interstitial Delivery Raghu Raghavan, Moderator		
8:00am – 8:20am	Critical review of ultrasound enhanced convective delivery	Raghu Raghavan
8:20am – 8:40am	Pulsed focused ultrasound - priming of the brain interstitium for convection-enhanced delivery	David Hersh
8:40am – 9:00am	Intra-tumor infusions in liver and imaging	Eleni Liapi
9:00am – 9:20am	Glymphatics for delivery	Jeffrey Iliff
9:20am – 9:40am	Large volume infusions	William Broaddus
9:40am – 10:00am	Drug delivery for intracerebral hemorrhage	Wally Block
10:00am – 10:15am	BREAK	

Session 6: Clinical Trials for Neurodegenerative Disorders Krystof Bankiewicz, Moderator		
10:15am – 10:35am	Intermittent convection enhanced delivery of GDNF in Parkinson's disease	Steven Gill
10:35am – 10:55am	Stem cell delivery for ALS	Nicholas Boulis
10:55am – 11:15am	Therapeutic development for Huntington's Disease	Lee Henderson
11:15am – 11:35am	Treatment of AADC deficiency in children	Krystof Bankiewicz
11:35am – 11:45am	Abstract SCDT-02: Blood-brain-barrier spheroids as an in vitro screening platform for brain-penetrating agents	Choi-Fong Cho
11:45am – 11:55am	Abstract SCDT-34: Time-dependent activation of adenosine A2A receptor disrupts cytoskeleton and tight junctions in brain microvascular cells to enhance paracellular permeability	Amelie Vezina
12:00pm – 1:00pm	LUNCH	

Session 7: New Approaches, Part 1 Waldemar Debinski, Moderator		
1:00pm – 1:20pm	The many facets of transcranial focused ultrasound	Jeffrey Elias
1:20pm – 1:40pm	Stem cell therapeutics and ultrasound	Akiva Mintz
1:40pm – 2:00pm	Therapeutic use of ultrasound in cancer	Constantin Coussios
2:00pm - 2:20pm	LITT for treating neurological diseases	Gene Barnett
2:20pm – 2:30pm	Abstract SCDT-33: Enhancement of drug penetration into brain tumors with focused ultrasound-induced blood-tumor barrier disruption	Costas D. Arvanitis
2:30pm – 2:40pm	Abstract SCDT-37: Modulation of convection enhanced delivery (CED) distribution using focused ultrasound (FUS)	Melanie Schweitzer

2:40pm – 2:50pm	Abstract SCDT-38: Safety and efficacy of intraventricular ¹³¹ I-labeled monoclonal antibody 8H9 targeting the surface glycoprotein B7-H3 in patients with CNS/LM disease	Kim Kramer
2:50pm – 3:05pm	BREAK	
Session 8: New Approaches, Part 2 Zvi Ram, Moderator		
3:05pm – 3:20pm	Utilization of biology and physiology in design and development of novel intraparenchymal and intrathecal delivery systems	Deep Singh
3:20pm – 3:40m	Development of a novel CED catheter	Christopher Rylander
3:40pm – 4:00pm	Development of new CED devices	Owen Lewis
4:00pm – 4:20pm	Tumor treating fields for glioma	Roger Stupp
4:20pm – 4:40pm	Point source electroporation	Yael Mardor
4:40pm – 4:50pm	Abstract SCDT-09: Focal enhanced delivery of systemically administered therapeutic human mesenchymal stem cells using MRI-guided disruption of the BBB with focused ultrasound	Rawan Al-kharboosh
4:50 – 5:00pm	Abstract SCDT-39: Nanobioconjugates crossing BBB for delivery of checkpoint inhibitors and activation of local brain tumor immune systems for glioma treatment	Julia Ljubimova
5:00pm – 5:10pm	Abstract SCDT-49: Value of T2-weighted MR imaging to evaluate drug distribution the brain stem of children	Mark Souweidane
5:10pm	ADJOURN	