

BNFO300 – Molecular Biology Through Discovery
Symposium on Progress in Molecular Biology – October 1, 2019

Site	Presenter	Title
<u>Poster Session 1</u>		
A	Linda Do	Regulation of Treacher Collins syndrome homolog promoter
G	Arash Singh	cAMP's effects on HCN channels in their different states
I	Yoji Damera	Activation of RK and STAT3 signaling leads to cystic kidney
K	Trey Kincaid	The effect of phosphorylation on SAMHD1
O	Pete Bowry	Cytotoxicity assay of DJ101, a potential tubulin inhibitor
R	Preksha Jerajani	CRISPR-Cas9 sgRNA library production and assesment
V	Kathy Saravane	The use of coimmunoprecipitation and immunoblotting to investigate the interaction between TGIF1 and Twist1
X	Sahana Tharakan	The ability of varying levels of α 1-antiproteinase to inhibit the degradation of growth factors by neutrophil elastase
<u>Poster Session 2</u>		
B	Nathaniel Smith	Analyzing the developmental effects of retinoic acid inhibition in frogs
D	Hanna Kwon	How does FGL2 increase immunosuppression in the glioma?
H	Ali Ahmed	SK1-I mediates ATG5- and BECN1-dependent cell death in a TP53-dependent manner
N	Jada Wilson	Essential protein structures used to infect mammalian host cells
P	Cash Frost	Selectivity of mobile genetic elements when interacting with bacteriophage proteins
T	Evan Korade	identification of the individual protein in the nuclear receptor DHR78 that allows repression from the Moses protein.
W	Syed Sohail	Immunofluorescence of VAPs and Calreticulin
<u>Poster Session 3</u>		
A	Linda Do	Regulation of Treacher Collins syndrome homolog promoter
C	Sophia Fehrmann	Transforming growth factor- β , interleukin 6, and interleukin 23 mediate T helper cell 17 production of interleukin 17
F	Ryan Butler	The effect of nicotine use in adolescence on agonist-stimulated [35S]GTP γ S binding in mice
J	Zainab Gbdamosi	Mitochondrial localized Stat3 promotes breast cancer growth via phosphorylation of serine 727
M	Kyle Vo	Crystal Structures of Tie2 receptor ectodomain and the angiopoietin -2-Tie2 complex, an overview
Q	Giuliana Gordon	Green tea polyphenol (ECGC) alleviates fatty liver in mice
X	Sahana Tharakan	The ability of varying levels of α 1-antiproteinase to inhibit the degradation of growth factors by neutrophil elastase
<u>Poster Session 4</u>		
D	Hanna Kwon	How does FGL2 increase immunosuppression in the glioma?
G	Arash Singh	cAMP's effects on HCN channels in their different states
I	Yoji Damera	Activation of RK and STAT3 signaling leads to cystic kidney
L	Dylan Lee	How to use C elegans to determine a residue essential to an effective ethanol target

P	Cash Frost	Selectivity of mobile genetic elements when interacting with bacteriophage proteins
R	Preksha Jerajani	CRISPR-Cas9 sgRNA library production and assesment
U	Perray Saravanane	Effect of eplusa on Hepatitis C
Y	Jeffrey Tucker	The role of estrogen-related receptor(ERR) in carbohydrate metabolism

Poster Session 5

B	Nathaniel Smith	Analyzing the developmental effects of retinoic acid inhibition in frogs
E	Muskan Bansal	Zfp189 in the prefrontal cortex exerts pro-resilient and antidepressant-like actions
H	Ali Ahmed	SK1-I mediates ATG5- and BECN1-dependent cell death in a TP53-dependent manner
L	Dylan Lee	How to use C elegans to determine a residue essential to an effective ethanol target
S	Sukhleen Kaur	Assessing the disease phenotype of Long-QT syndrome type 1 cardiac myocytes
U	Perray Saravanane	Effect of eplusa on Hepatitis C
Y	Jeffrey Tucker	The role of estrogen-related receptor(ERR) in carbohydrate metabolism

Poster Session 6

F	Ryan Butler	The effect of nicotine use in adolescence on agonist-stimulated [35S]GTP γ S binding in mice
K	Trey Kincaid	The effect of phosphorylation on SAMHD1
M	Kyle Vo	Crystal Structures of Tie2 receptor ectodomain and the angiopoietin -2-Tie2 complex, an overview
Q	Giuliana Gordon	Green tea polyphenol (ECGC) alleviates fatty liver in mice
T	Evan Korade	identification of the individual protein in the nuclear receptor DHR78 that allows repression from the Moses protein.
W	Syed Sohail	Immunofluorescence of VAPs and Calreticulin
Z	Nana Twumasi-Ankrah	Trichomonas vaginalis can inhibit or bolster colonization of vaginally-relevant species

Poster Session 7

C	Sophia Fehrmann	Transforming growth factor- β , interleukin 6, and interleukin 23 mediate T helper cell 17 production of interleukin 17
E	Muskan Bansal	Zfp189 in the prefrontal cortex exerts pro-resilient and antidepressant-like actions
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Individual Schedules

Presenter	Session						
	1	2	3	4	5	6	7
Ali Ahmed	K	H	J	I	H	M	N
Muskan Bansal	G	T	F	E	E	T	E
Pete Bowry	O	H	X	Y	B	T	O
Ryan Butler	V	N	F	G	E	F	C
Yoji Damera	I	H	A	I	U	K	J
Ramtin Deljouei	K	T	X	R	U	M	S
Linda Do	A	W	A	R	B	Z	V
Jeff Elhai	A	W	Q	G	H	T	V
Sophia Fehrmann	O	D	C	Y	L	Q	C
Cash Frost	O	P	C	P	S	F	S
Zainab Gbadamosi	I	B	J	D	H	K	J
Giuliana Gordon	I	W	Q	G	Y	Q	C
Dalton Huey	I	D	C	L	E	F	O
Preksha Jerajani	R	P	Q	R	Y	K	S
Sukhleen Kaur	R	T	A	U	S	Q	S

Presenter	Session						
	1	2	3	4	5	6	
Brenna Kent	G	P	J	Y	B	Z	N
Trey Kincaid	K	H	M	I	Y	K	J
Evan Korade	K	T	F	D	U	T	J
Hanna Kwon	R	D	X	D	E	F	C
Dylan Lee	X	D	M	L	L	Q	N
Perray Saravanane	A	B	X	U	U	W	V
Kathy Saravane	V	D	A	L	B	W	V
Arash Singh	G	P	J	G	S	F	E
Nathaniel Smith	A	B	C	U	B	W	Z
Sohail Syed	V	W	C	P	H	W	Z
Sahana Tharakan	X	B	X	U	S	Z	O
Jeffrey Tucker	X	N	F	Y	Y	Z	E
Nana Twumasi-Ankrah	X	P	M	R	L	Z	Z
Kyle Vo	O	N	M	L	Y	M	E
Jada Wilson	G	N	Q	P	L	M	N

Highlighted letters: Presenters

Unhighlighted letters: Listeners

Ideas for questions

- **Do you understand the significance of the big picture?**
If not, ask.
- **Do you understand the specific question being addressed?**
If not, ask.
- **Is the question in the realm of molecular biology (how something works at the molecular level)?**
If you're not sure, ask for the connection.
- **Was an experiment described that addressed the question?**
If not, ask about it.
- **Do you understand the principle behind an experiment?**
If not, keep probing.