

East-to-West Iron Club 2020

Zoom Virtual Meeting

October 15-16, 2020

Program

Registration • Please use online form at <http://eastwestironclub.org>

Venue • Zoom Virtual Meeting

Hosted by • Yelena Ginzburg, MD (Mount Sinai, New York, NY) and Caroline Enns, PhD (OHSU, Portland, OR)

Thursday, October 15

Time (ET)	Activity	
3:00 pm	Opening Comments and Keynote Speaker Introduction (Ginzburg)	
3:15-4:00 pm	EWIC 2020 <u>Keynote Address</u> <i>Iron in Pregnancy: Physiology and Disease</i> Elizabeta Nemeth, PhD; UCLA, Los Angeles, CA	
4:00-4:15 pm	Break	
4:15-4:45 pm	<u>Virtual Discussion Session:</u> Translating iron research into the clinic	Moderator: Ganz
4:45-5:15 pm	Question and Answer Session	Moderator: TBD

Friday, October 16

Time (ET)	Activity	
11:00 am	Host's Welcome Ginzburg / Enns	
11:05 am-11:20am	<u>Update on NIDDK Programs and Initiatives</u> Cindy Roy, PhD Program Director, Hematology Division of Kidney, Urologic and Hematologic Diseases (KUH), NIDDK	
11:20 am-12:35 pm	Trainee Data Presentation Session #1	Facilitator: Ginzburg
12:35-12:50 pm	Break	
12:50-2:05 pm	Trainee Data Presentation Session #2	Facilitator: Ginzburg
2:05-2:20 pm	Break	
2:20-3:35 pm	Trainee Data Presentation Session #3	Facilitator: Ginzburg
3:35-3:50 pm	Break	
3:50-4:20 pm	Business Meeting (Trainee Awards)	

Name	Position	Talk title
Chesta Jain	Grad student	Gut microbiota and host dictates local and peripheral tissue ferritin
Nupur Das	Postdoc	Crosstalk between hypoxic and autophagic pathways in intestinal iron metabolism
Faris Ali	Med student	Specificity of transferrin lobe occupancy by iron modulates liver hepcidin expression
Anna Picca	Postdoc	Age-related iron and mitochondria dyshomeostasis in human skeletal muscle
Alex Ruwe	Grad student	Hepcidin inhibits ferroportin activity via a rapid, low-affinity, and calcium-dependent mechanism in <i>Xenopus</i> oocytes independent of endocytosis
Corbin Azucenas	Undergrad	Comparative analysis of the functional properties of human and mouse ferroportin
Veena Sangkee	Postdoc	Suppression of maternal hepcidin is essential for healthy pregnancy
Yang Yu	Grad student	Dysregulation of iron homeostasis in beta-thalassemia intermedia (th3/+) mice during pregnancy
Amaliris Guerra	Postdoc	Effects of monoferric transferrin on erythropoiesis in a mouse model of beta-thalassemia intermedia
Cole Guggisberg	Grad student	NCOA4 mediates ferritin regulation after erythrophagocytosis and by hepcidin activity in J774 macrophages
Ruiqi Liao	Postdoc	Heme-omics: how heme controls genome function
Richard Coffey	Postdoc	Transgenic mice overexpressing erythroferrone develop iron overload and multi-organ abnormalities
Jacob Sterling	Grad student	IL6 triggers toxic neuronal iron sequestration in response to pathological alpha-synuclein
Modupe Adetunji	Med student	Oral iron chelatory deferiprone ameliorates glaucoma neurodegeneration in DBA/2J mice
Suman Chaudhary	Postdoc	Brain iron accumulation in Alzheimer's disease is mediated by local hepcidin
Magdalene Ameka	Postdoc	Fat and iron do not mix
Jonathan Barra	Postdoc	Role of iron transporter DMT1 in endosome-mitochondria interactions in breast cancer cells
Tom Bartnikas	PI	Molecular mechanisms of biliary iron excretion