

GDCB SEMINAR

4:10-5 p.m.

Tuesday, March 16, 2021

“Lumen morphogenesis during left-right and vascular development in zebrafish”

Abstract: My talk will focus on two stories about lumen morphogenesis during zebrafish development. First, I will describe our recent efforts to understand the role of connexin genes in lumen formation during Kupffer’s vesicle (KV) formation. We have previously identified a requirement for Connexin43.4 (Cx43.4) during left-right development. This role is integral to the morphogenesis of KV. Current work examines new mutations in Cx43.4 to define its mechanism during this process. Second, I will detail some of our recent work to understand lumen formation during vascular development.



Jeff Essner

Iowa State University

Professor, Department of
Genetics, Development and
Cell Biology

Join meeting:

<https://iastate.webex.com/iastate/j.php?MTID=mb238d165439455f48123c9a3d116aef8>

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