



## Seth Corey PhD

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Host  
**Prof. Amir Orian**  
Director, RTICC

# RTICC

## INTERNATIONAL GUEST SEMINAR

**24<sup>th</sup> July**  
**10:30-11:30**



**4th Floor seminar Room, The Ruth and  
Bruce Rappaport Faculty of Medicine**

### **"P53-Dependent and Independent Stress Responses in Hematopoietic Ribosomopathy"**

Shwachman-Diamond syndrome is a bone marrow failure/leukemia predisposition syndrome. Almost all of the cases of the syndrome results from ballelic mutations in SBDS, a ribosomal assembly factor. We have generated sbds-null zebrafish models of the syndrome, which phenocopy much of the syndrome. Genetic, biochemical, and organismal models reveal involvement of both p53-dependent and independent stress responses