



**BEIRNE B. CARTER CENTER**  
**FOR IMMUNOLOGY RESEARCH**  
**Fall 2022 CIC SEMINAR SERIES**

**Suna Onengut-Gumuscu. Ph.D.**

Associate Professor of Public Health Sciences  
Center for Public Health and Geonomics  
University Of Virginia



**"Mechanisms of Gene-to-Function in an autoimmune disease, Type 1 Diabetes"**

Robertson CC, Inshaw JRJ, **Onengut-Gumuscu S**, Chen WM, Santa Cruz DF, Yang H, Cutler AJ, Crouch DJM, Farber E, Bridges SL Jr, Edberg JC, Kimberly RP, Buckner JH, Deloukas P, Divers J, Dabelea D, Lawrence JM, Marcovina S, Shah AS, Greenbaum CJ, Atkinson MA, Gregersen PK, Oksenberg JR, Pociot F, Rewers MJ, Steck AK, Dunger DB; Type 1 Diabetes Genetics Consortium, Wicker LS, Concannon P, Todd JA, Rich SS. Fine-mapping, trans-ancestral and genomic analyses identify causal variants, cells, genes and drug targets for type 1 diabetes. **Nature Genetics** 2021;53(7):962-971. PMC8273124

**Onengut-Gumuscu S**, Chen WM, Robertson C, Bonnie JK, Farber E, Zhu Z, Oksenberg JR, Brant SR, Bridges Jr SL, Edberg JC, Kimberly RP, Gregersen PK, Rewers MJ, Steck AK, Black MH, Dabelea D, Pihoker C, Atkinson MA, Wagenknecht LE, Divers J, Bell RA, SEARCH for Diabetes in Youth, Type 1 Diabetes Genetics Consortium, Erlich HA, Concannon P and Rich SS. "Type 1 diabetes risk in African-ancestry participants and utility of an ancestry-specific genetic risk score," **Diabetes Care**, 2019; 42(3):406-415. PMC6385701

**Monday, September 12, 2022**

**3:00 PM (please note time & in person location Pinn 1005)**

**Host: Dr. Coleen McNamara**

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