

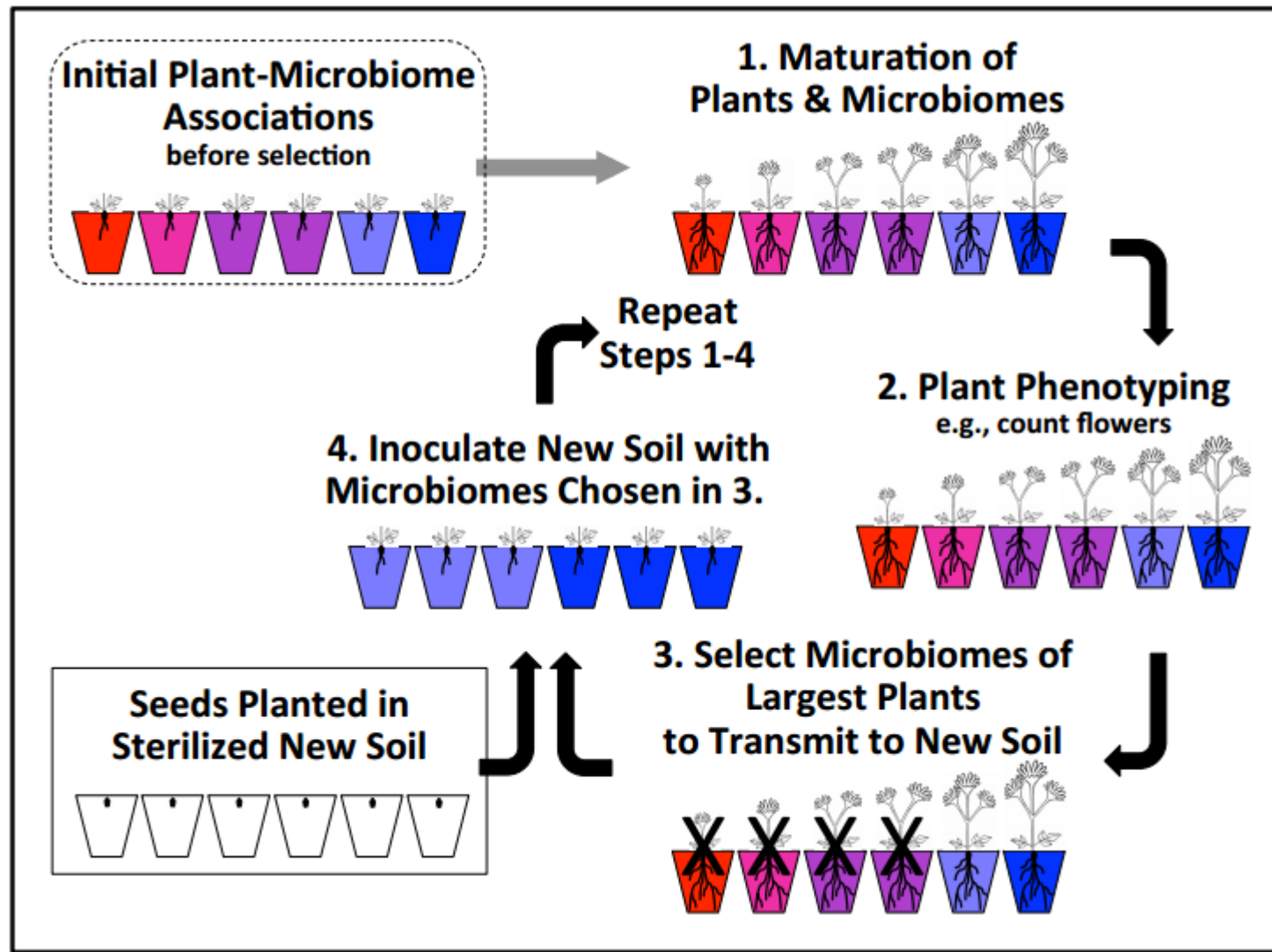


Artificial Microbiome-Selection to Engineer Microbiomes That Confer Salt-Tolerance to Plants

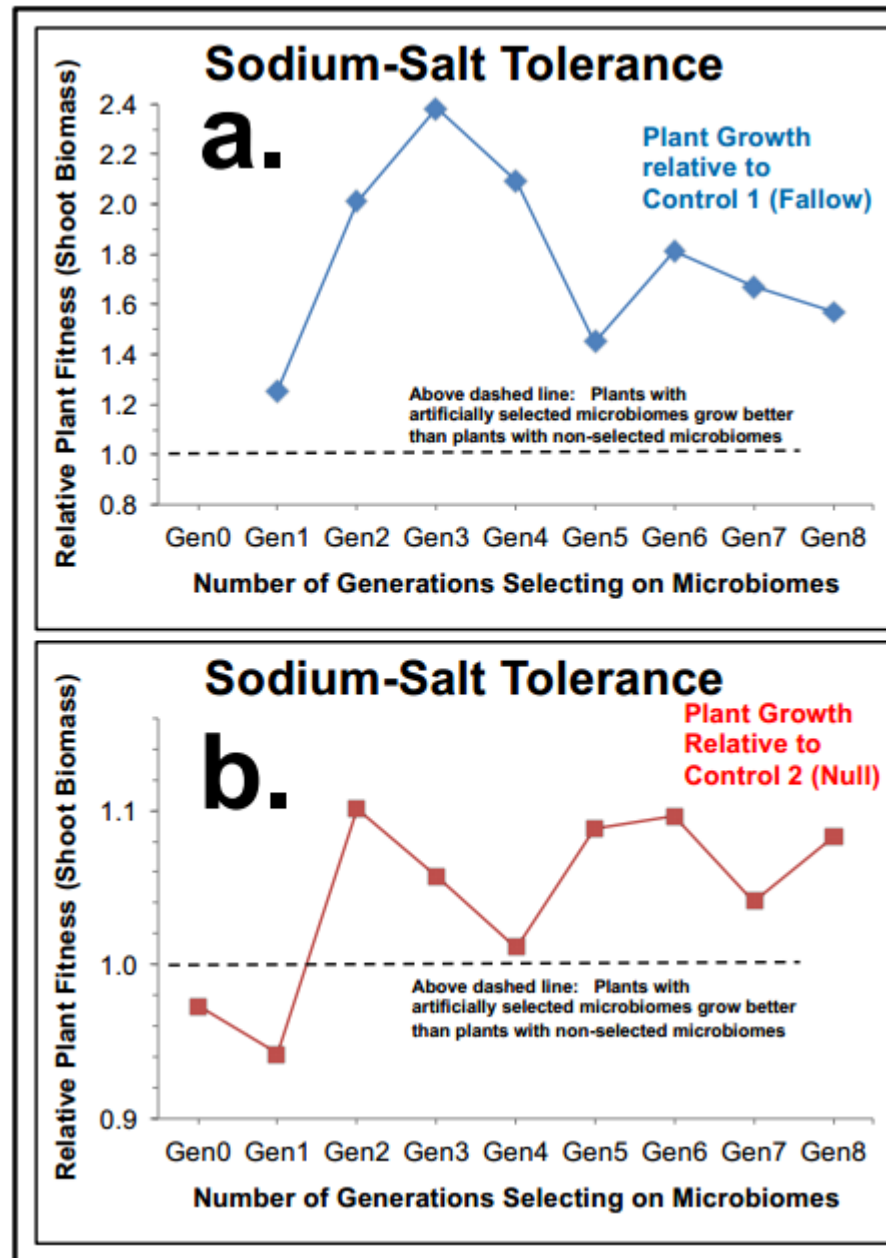
 Ulrich G Mueller,  Thomas Juenger, Melissa Kardish, Alexis Carlson, Kathleen Burns, Chad Smith, David De Marais

Isaac Rockafellow
5/23/17

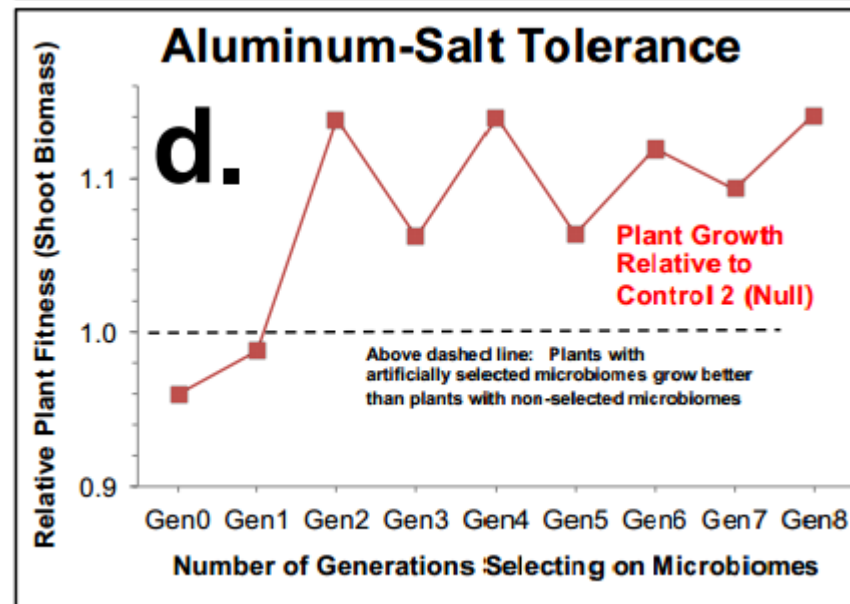
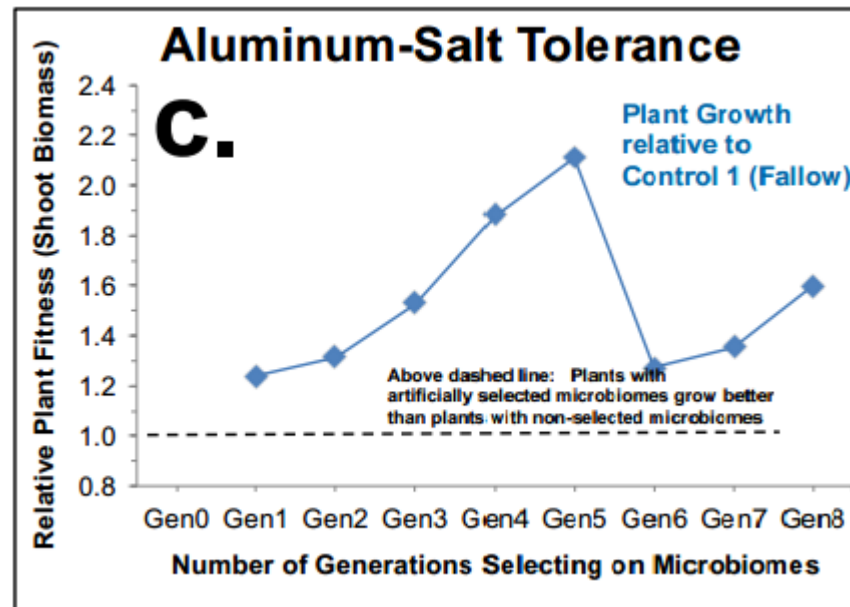
Design



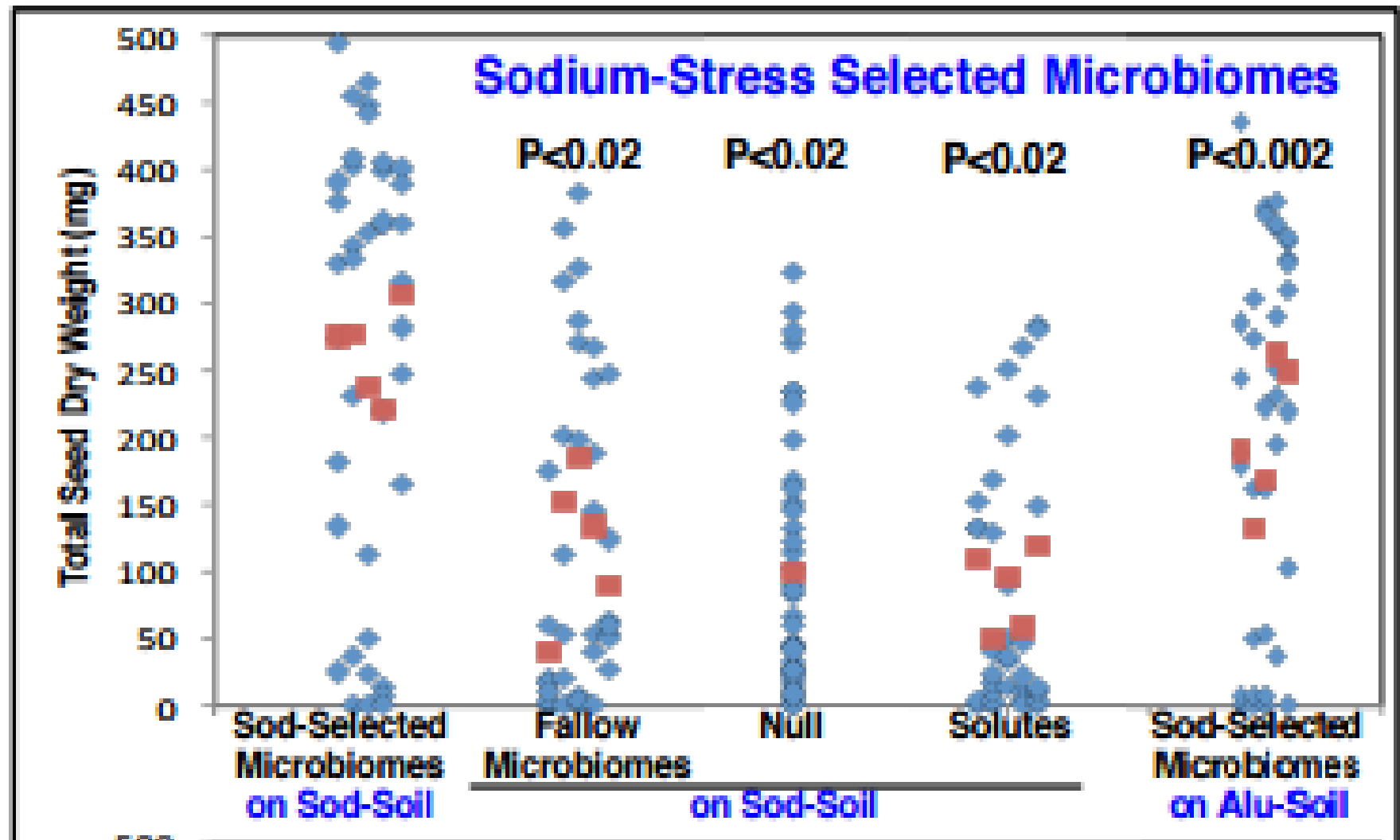
Selecting for Na-SO₄ Tolerance



Selecting for Al-SO₄ Tolerance



Na-SO₄ tolerant microbiomes may not confer protection to Al-SO₄



Al-SO₄ tolerant microbiomes confer resistance to Na-SO₄

