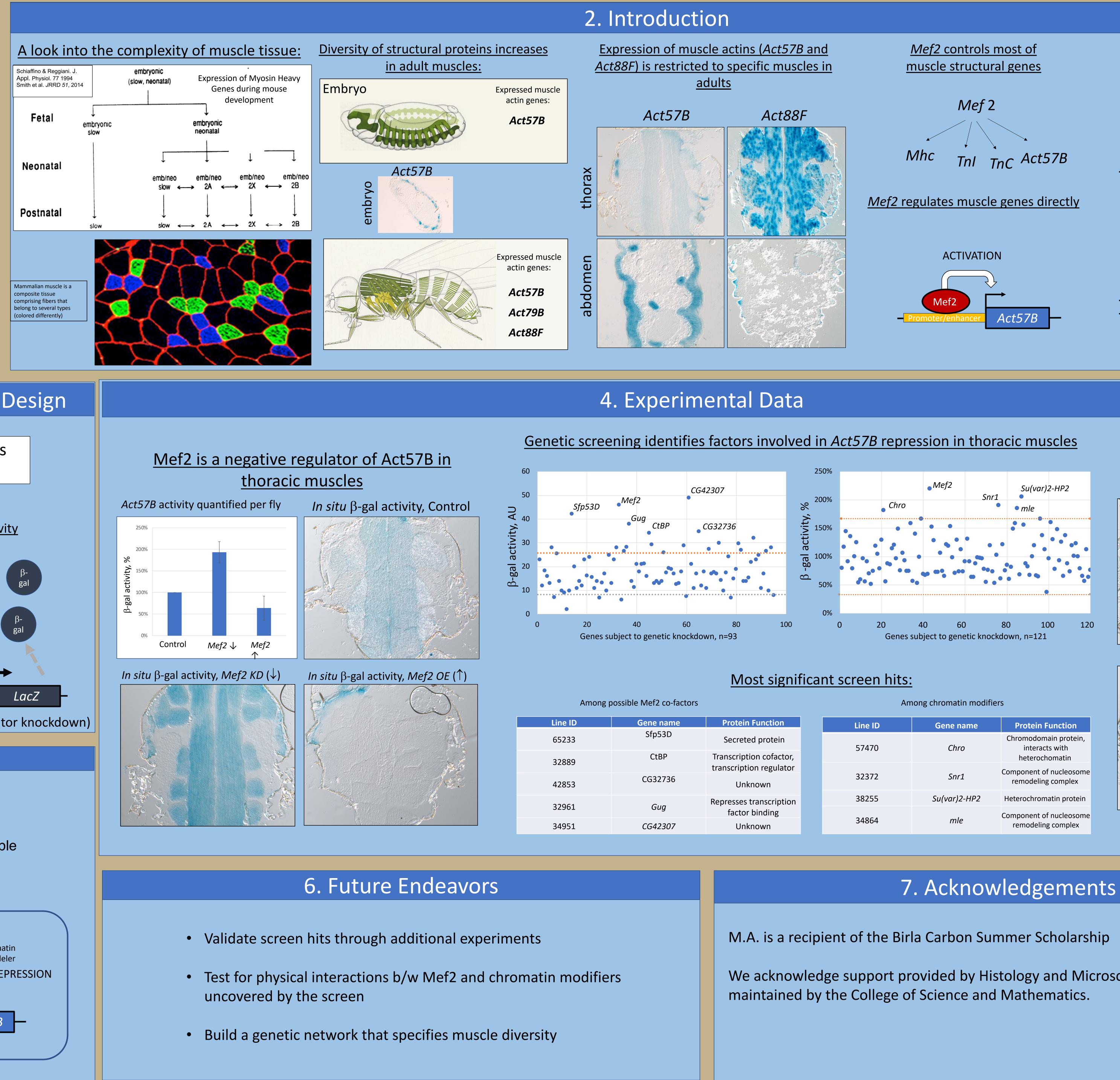
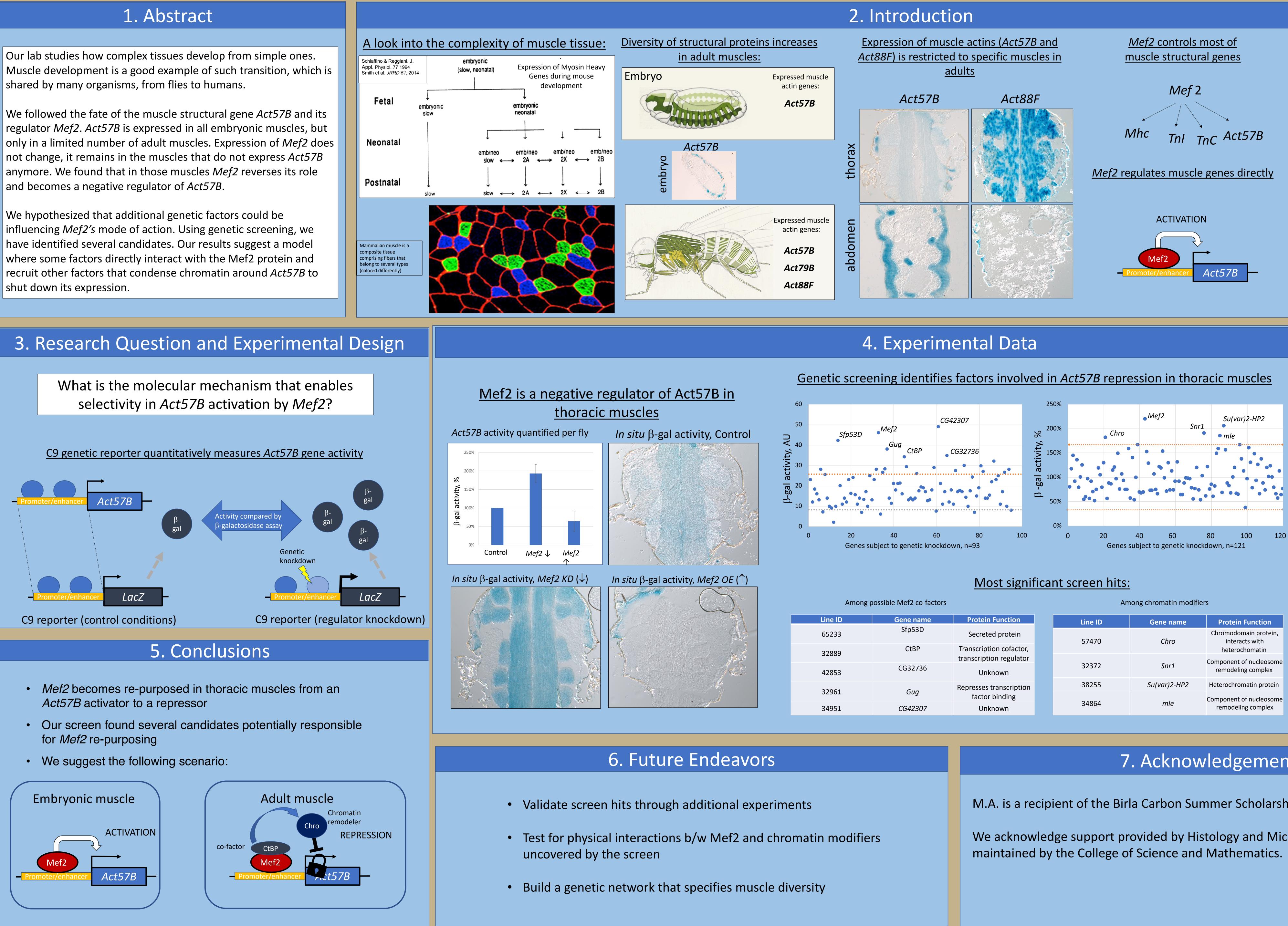
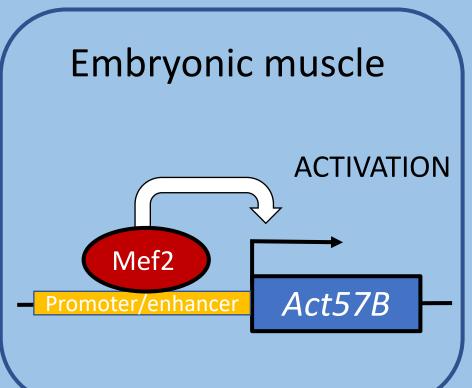
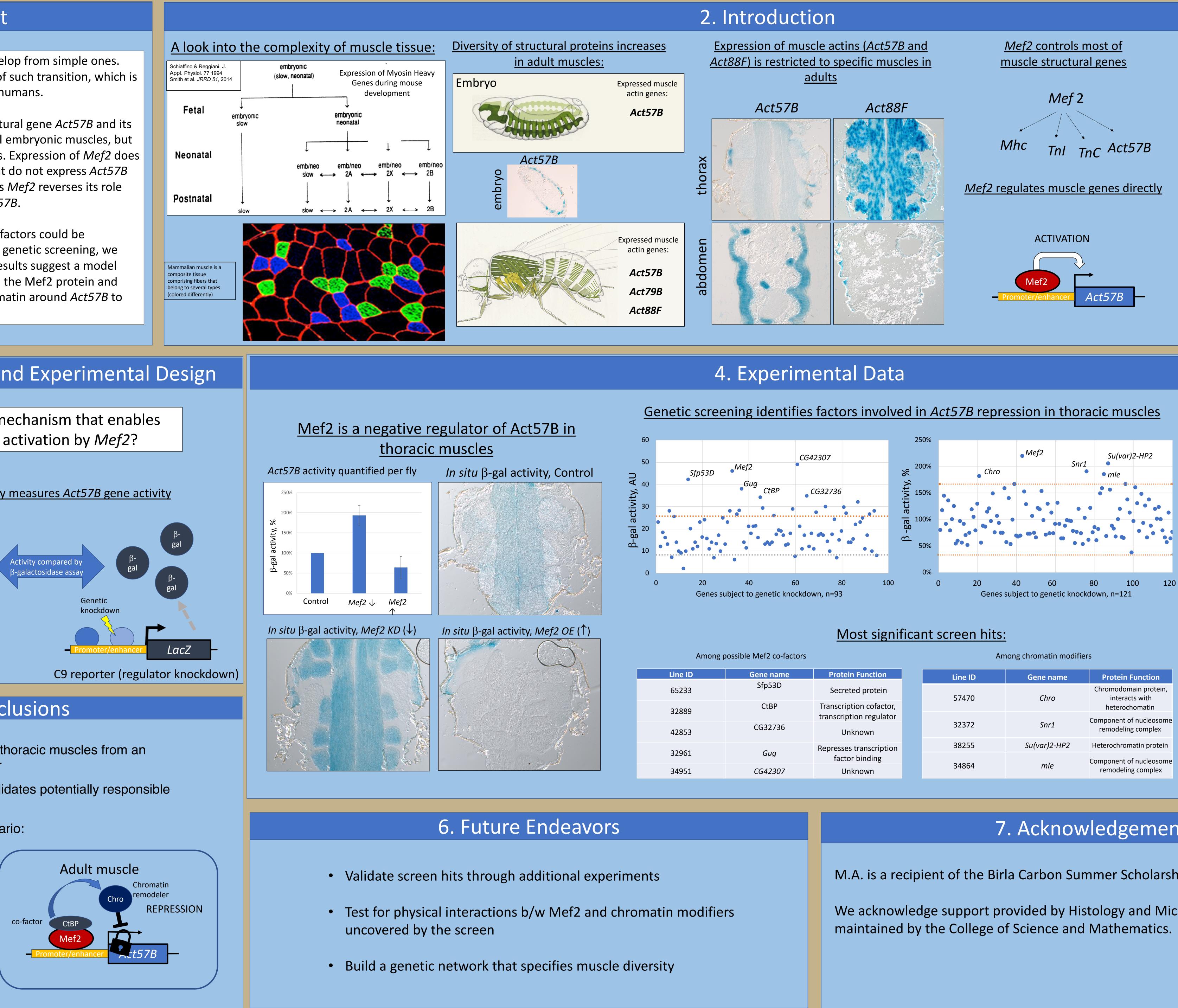
Understanding Molecular Mechanisms Controlling Muscle Type Specification











Max Andrews and Anton Bryantsev

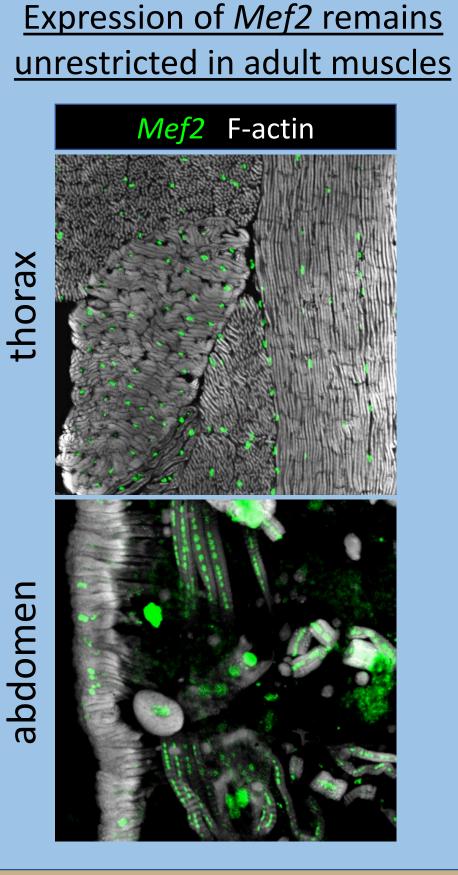
Department of Molecular and Cellular Biology Kennesaw State University

Among possible Mef2 co-factors				Among chromatin modifiers		
Line ID	Gene name	Protein Function		Line ID	Gene name	Protein Function
65233	Sfp53D	Secreted protein		57470	Chro	Chromodomain protein, interacts with
32889	CtBP	Transcription cofactor,			00	heterochomatin
32003		transcription regulator		32372	Snr1	Component of nucleosome
42853	CG32736	Unknown		52572	51111	remodeling complex
22224	6	Represses transcription		38255	Su(var)2-HP2	Heterochromatin protein
32961	Gug	factor binding				Component of nucleosome
34951	CG42307	Unknown	34864	mle	remodeling complex	

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In situ β -gal activity, Chro KD (\downarrow)

