INTRODUCTION

• Beta-blockers are some of the most prescribed drugs today, most notably among 22.3% of the geriatric population in the United States.¹
• These drugs are used to inhibit beta-adrenergic signaling that consequently lower heart rate and contractility, culminating in lower blood pressure.²
• Dopamine has long been shown to be involved in cardiovascular disease, and its receptors in cardiac tissue have been pharmacological targets for congestive heart failure.³
• Our lab has previously highlighted the importance of dopamine receptor 3 (D3R) and its role in fibroblast proliferation during wound healing.⁴

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