

“Achy George Heart”
To the tune of “Achy Breaky Heart”

From everything I’ve seen,
We need new ways to screen,
Cardiotoxicity of drugs.
Or listen to the FDA, to test in better ways
Cuz hearts from mice and men just ain’t the same

You can grow cells in a plate
But that sure ain’t great
Cuz you lack matrix and vasculature
Or you can test in mice, but relevance is nice
Organ platforms are the way to go

So go tell my heart, my achy breaky heart
With stem cells-microfab we’ll understand
Toxic side effects to my achy breaky heart
We can test before we test in man

Many microtissues
Resolves throughput issues
The glass bottom lets you see inside
Heart cells from human stems, with endo-fibro friends
Organ platforms are the way to go

So go tell my heart, my achy breaky heart
With stem cells-microfab we’ll understand
Toxic side effects to my achy breaky heart
We can test before we test in man (*repeat*)