- 9/4/2012 Meeting with Dr. Hall
- -Parameters were commented all throughout the ppt
- -Autoclave the scaffold to prevent bacteria from forming
 - -high temp, high pressure
 - -prep and keep materials sterile.
 - -Autoclave in Bio building
- Dr. Hall other ways to sterilize radiation-however not because crosslinking will be involved Radioactive cobalt gamma? no access to this process.

Safety considerations

- -include: what is crosslinking, what is the impact/importance of it in this project
- -Chemical easier to control than IR
- -Needs a fume hood.

Questions that where raised

Who is this device for? → To be used in house – To be available to be bought - Researchers and a lab

What is so different/special about the device? -----

- Cost efficient Centrifuging scaffold
 - Affordable automated stage.
 - -Compare to a similar 3D BioPrinter: cost and differences in features
 - Using Inject Printer could potentially work consider disposable cartridges
- -Testing of the project mouse fibroblast
 - immortal cell line immortalized continually live in culture as opp to other type of cells which die after a certain period of time.
 - limited model consider if they stick, if they are toxic, if they die, if they go on to the next process…etc
 - -Look for the medium to grow the mouse fibroblast for testing.
- -List the parameters that need to be considered

-In order for cells to adhere to polymers need their receptors to bind to integrands- If the scaffold doesn't have something for the cell to attach/stick:

- -Consider Use of Fetal calf serum
- -Consider Addition of peptides to the polymer.

BOTTOM LINE:

- List/mention parameters even if they aren't defined.
- Who is this device for (targeting audience)?
- What is the special feature that sets this device apart from others that are already in the market?
- Define exactly what would make it cost efficient (comparing it to other similar products)
- Clarification of testing of product using mouse fibroblasts
- Polymer + cross linker and other considerations if optimal materials aren't found ie addition of peptides to polymer, or use of fetal calf serum.