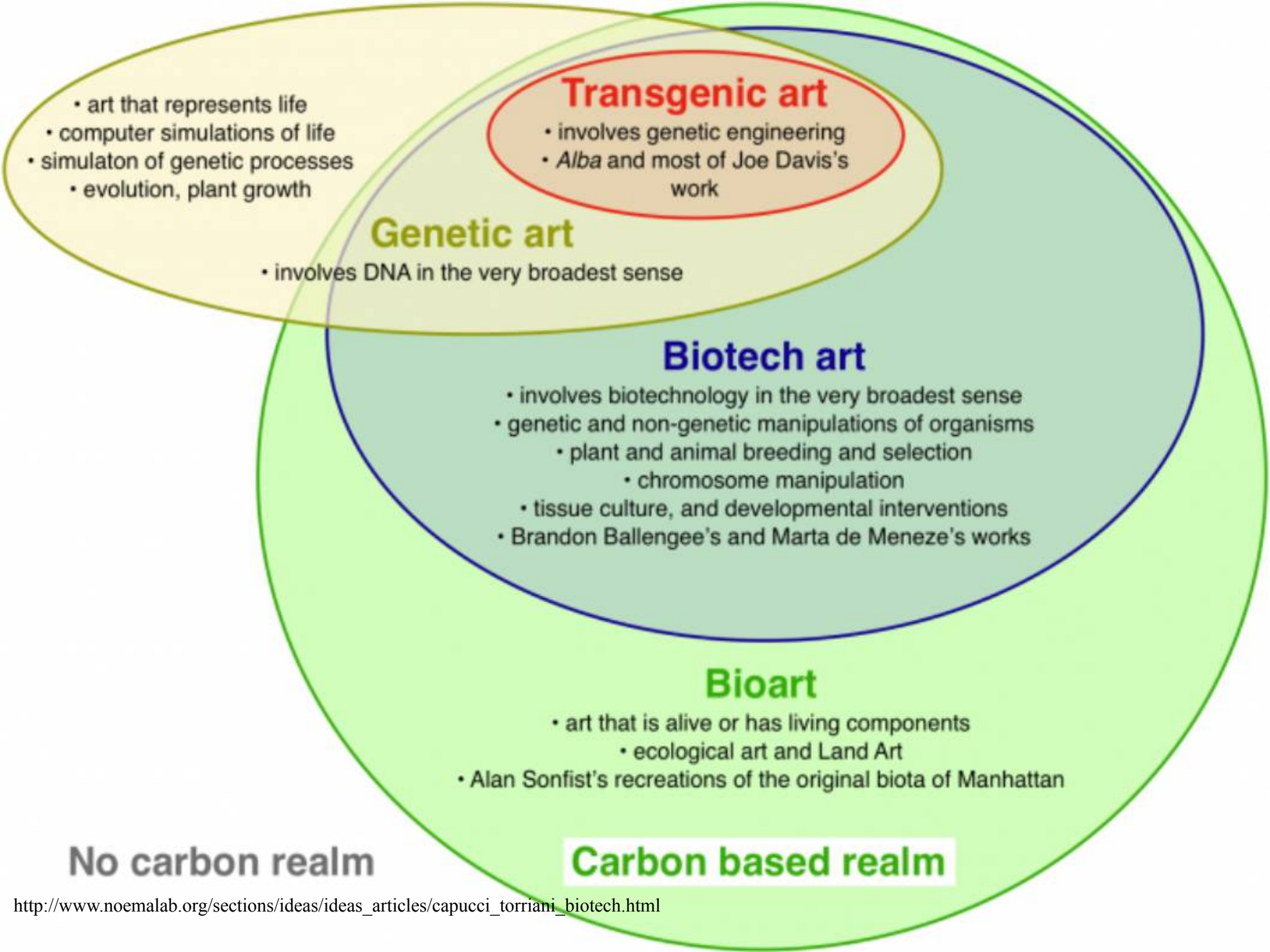


DNA and DIY and Art

Brian Degger
transitlab.org // bioartforum.info



Biological Art



Victimless leather, Tissue Culture and Art Project, 2008

works as critique and/or a new type of material



Brian- FishEggFish 2006



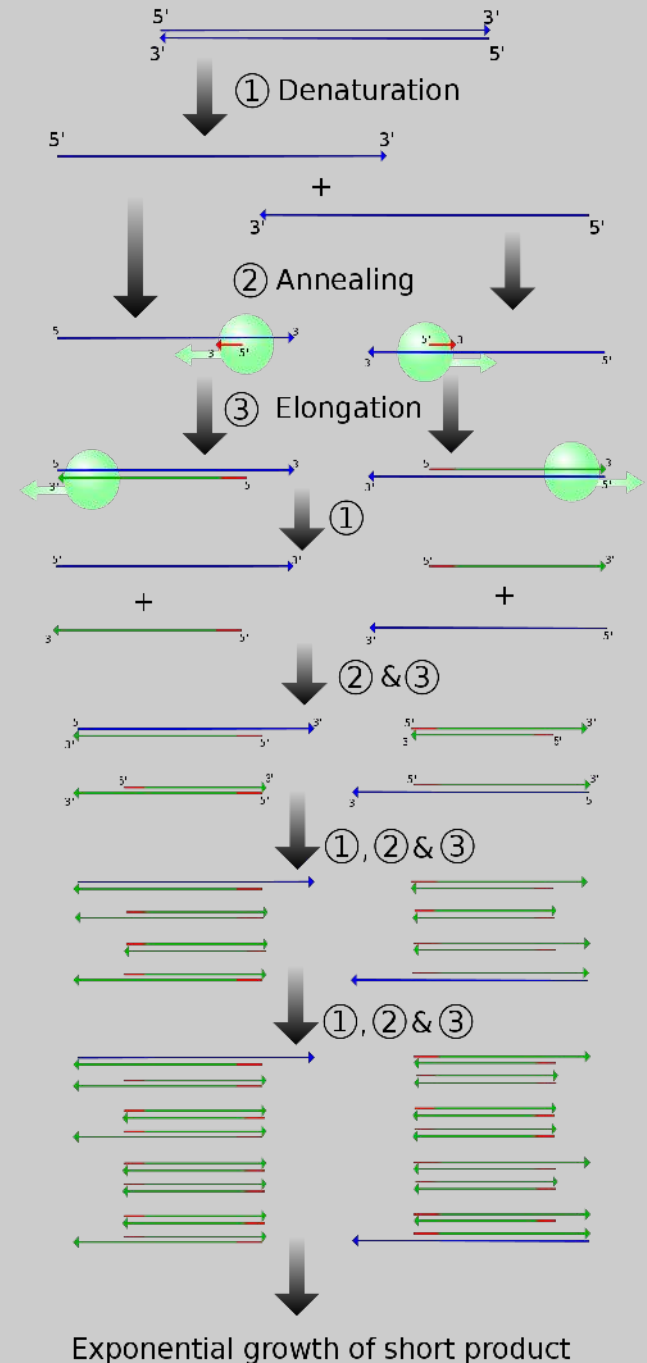
Brian- FishEggFish 2006

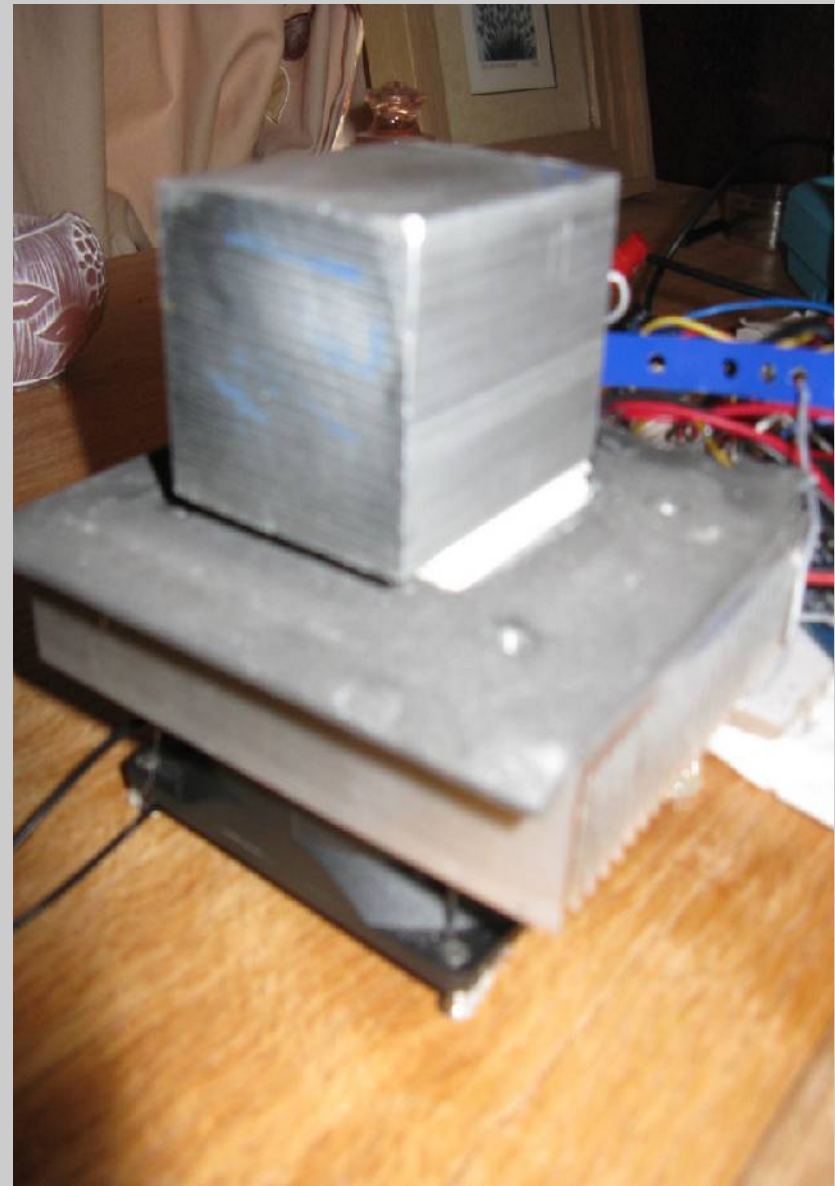
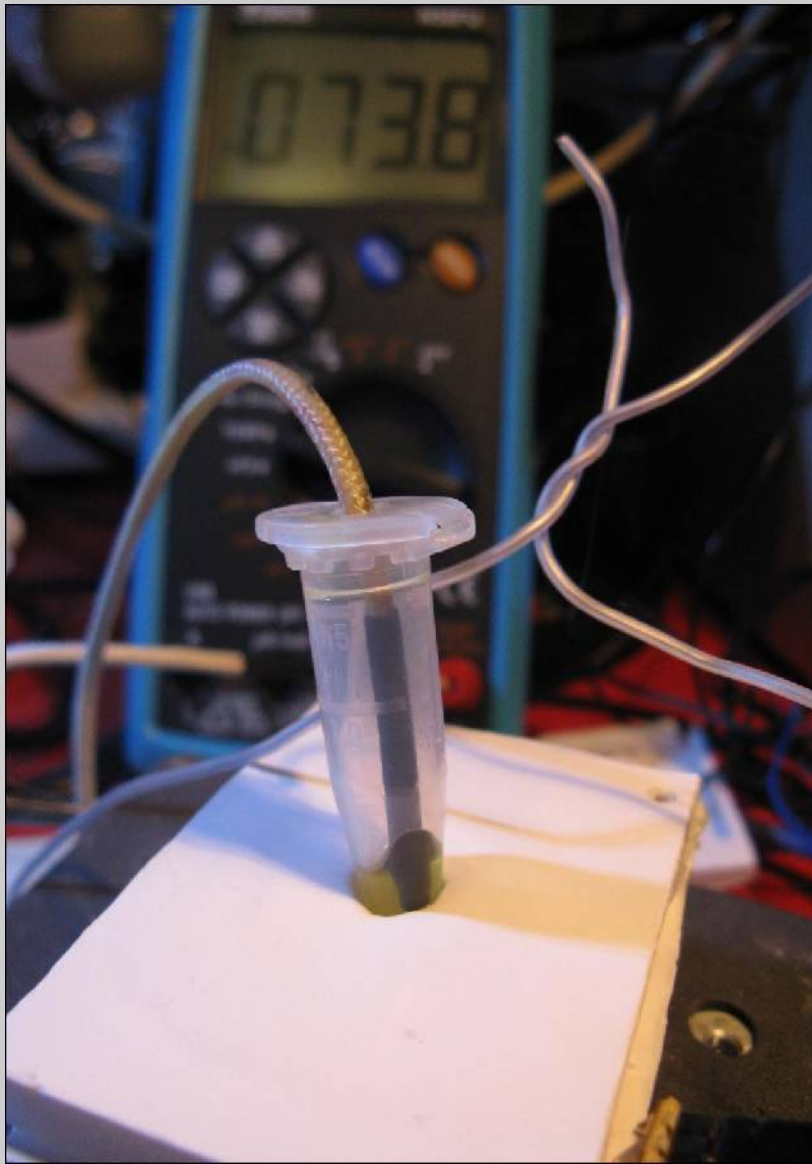
<http://sr.transitlab.org>

Speculative Research

DNA replication in plastic tubes needs:

- 1) source of DNA
- 2) a photocopying enzyme
- 3) short stretches of DNA that recognise/bind the source DNA
- 4) a machine to control the temperatures





DNA photocopying machine = wet + electric
+ plastic

<http://openwetware.org>

Setting-up a DIYBio Lab using FLOSS

<http://thingiverse.com>

Setting-up a DIYBio Lab using Open Designs and
Hardware and EBay

Materials & Set Up

- 1/4 of a shot glass full of your saliva
- several drops of dish soap (look for sodium laurel sulfate in the ingredients)
- a pinch of table salt (1/16 of a teaspoon)
- some contact-lens cleaning solution, meat tenderizer, or pineapple juice (optional)
- Ice-cold 120-proof+ liquor(60%)(overproof rum works well)
- Via:

http://www.instructables.com/id/5_minute_DNA_Extraction_in_a_Shot_Glass/

DNA Purification Demo

<http://briandegger.co.uk/talk/>

More pictures of DNA extraction

DNA Purification Demo

openwetware.org protocols and recipes
instructables.com howto's
thingiverse.com 3d plans for things

Links: