



waag society

institute for art, science and technology

3D Printing, biology, Sculpture

3-03-2015
Lucas Evers, Waag Society

Sculpting: taking away matter





“I saw the angel in the marble and carved until I set him free”

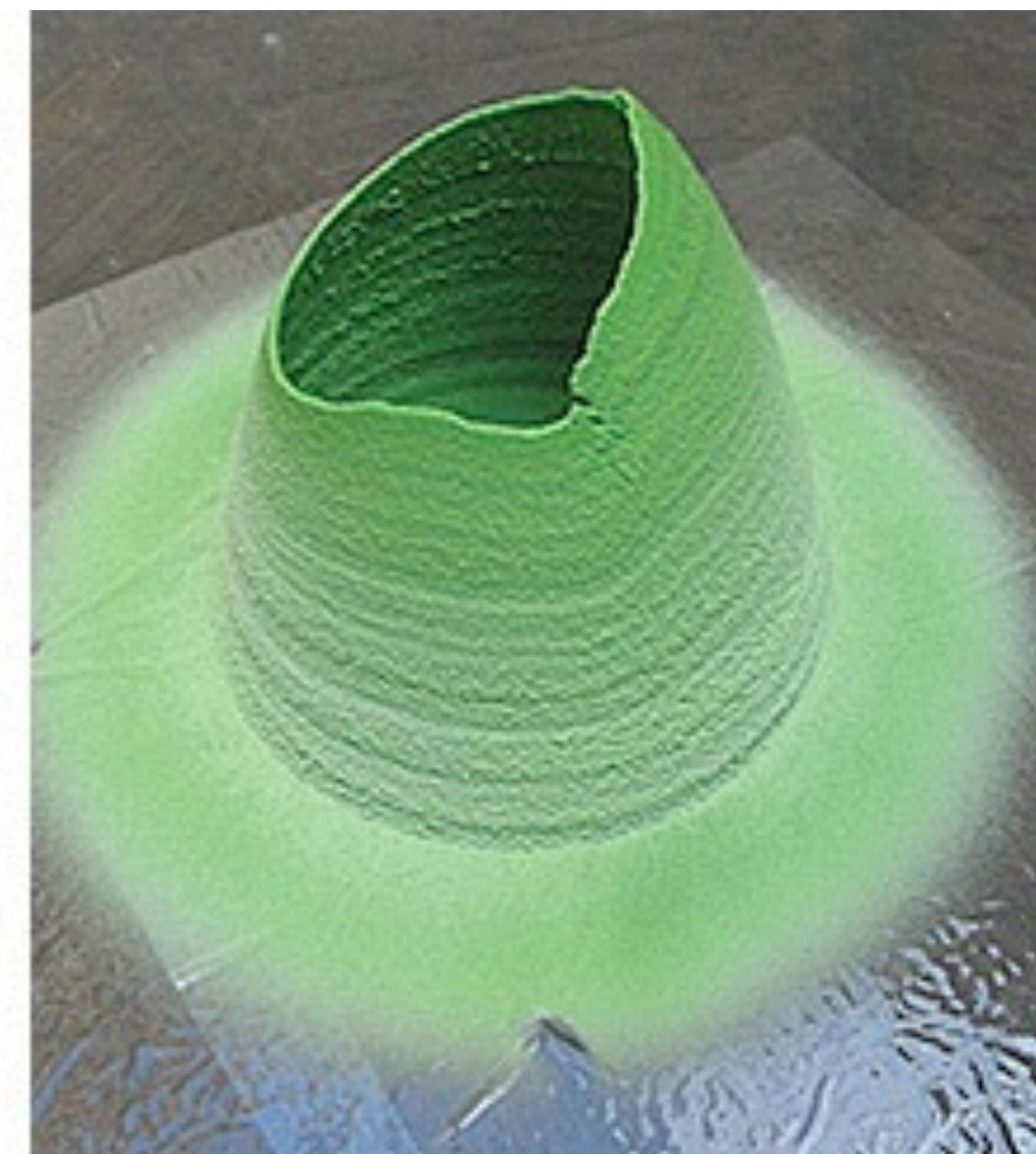


Sculpting: adding material

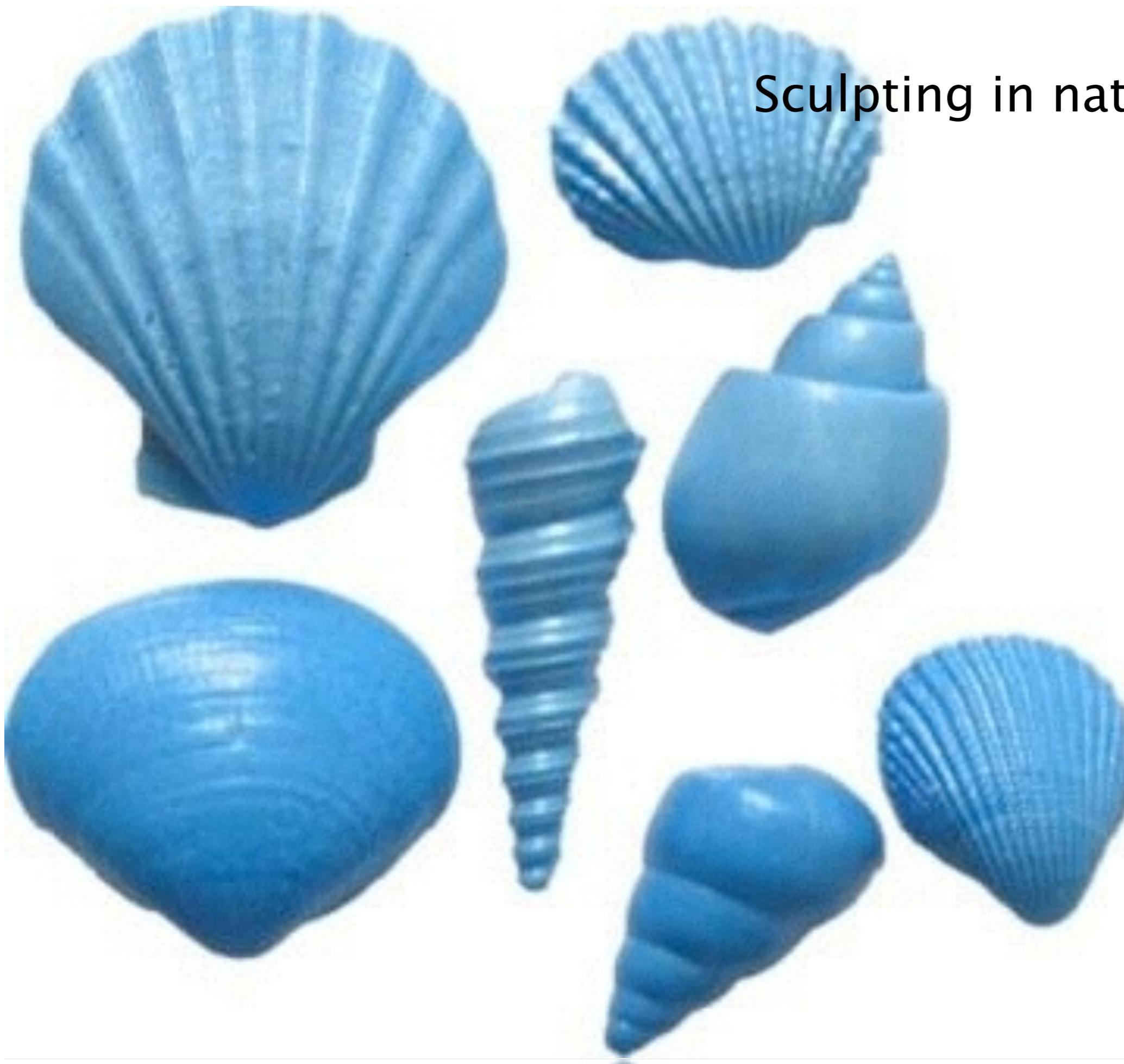


3d Printing: adding material – Henrik Menne





Sculpting in nature: shells





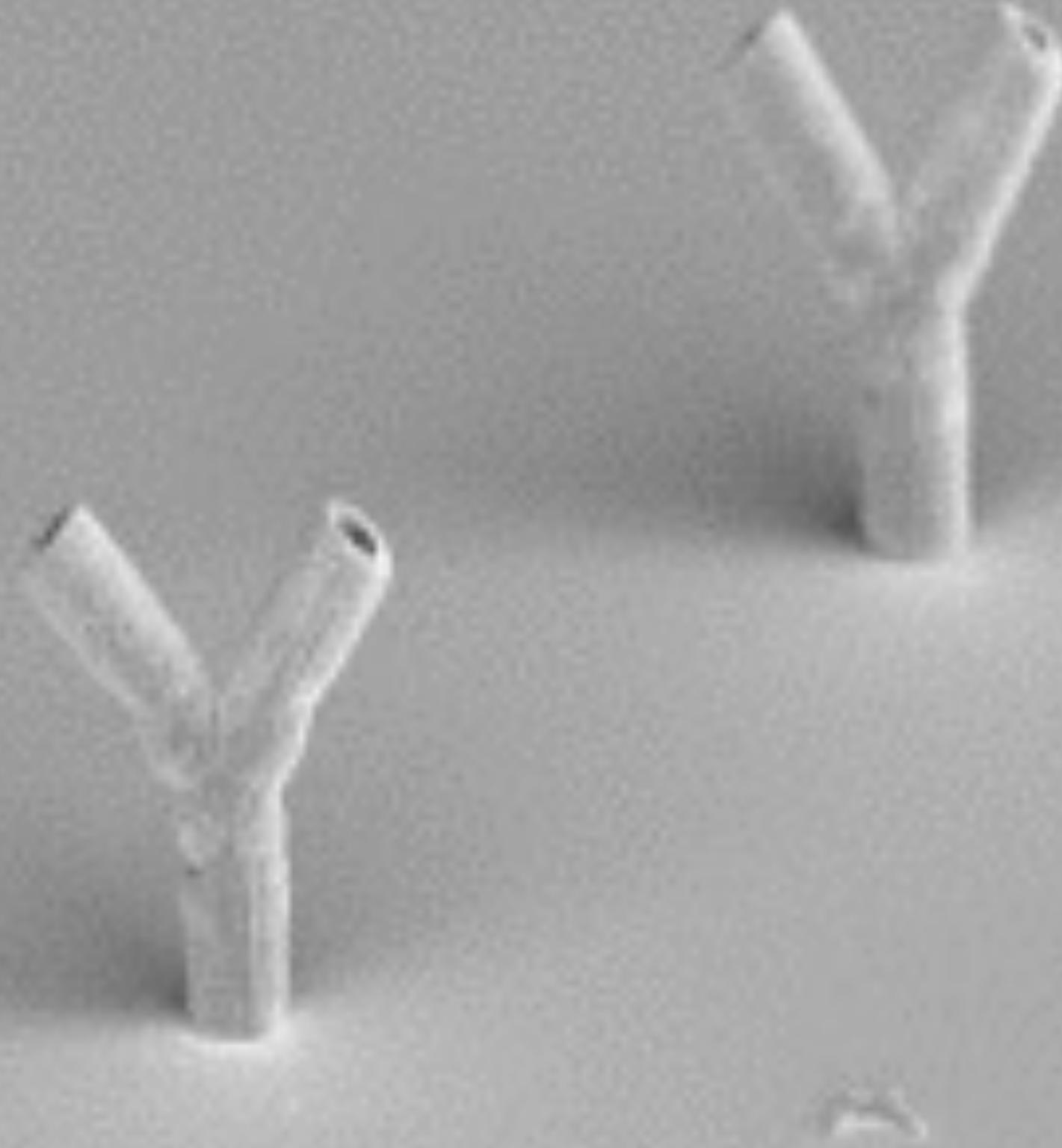
Growing: adding material from inside



A light micrograph showing a cross-section of biological tissue. A prominent feature is a large, roughly circular area with a very pale, almost white, interior. This central region is surrounded by a layer of tissue with a distinct, darker, granular texture. The overall color palette is dominated by shades of pink and purple, typical of hematoxylin staining.

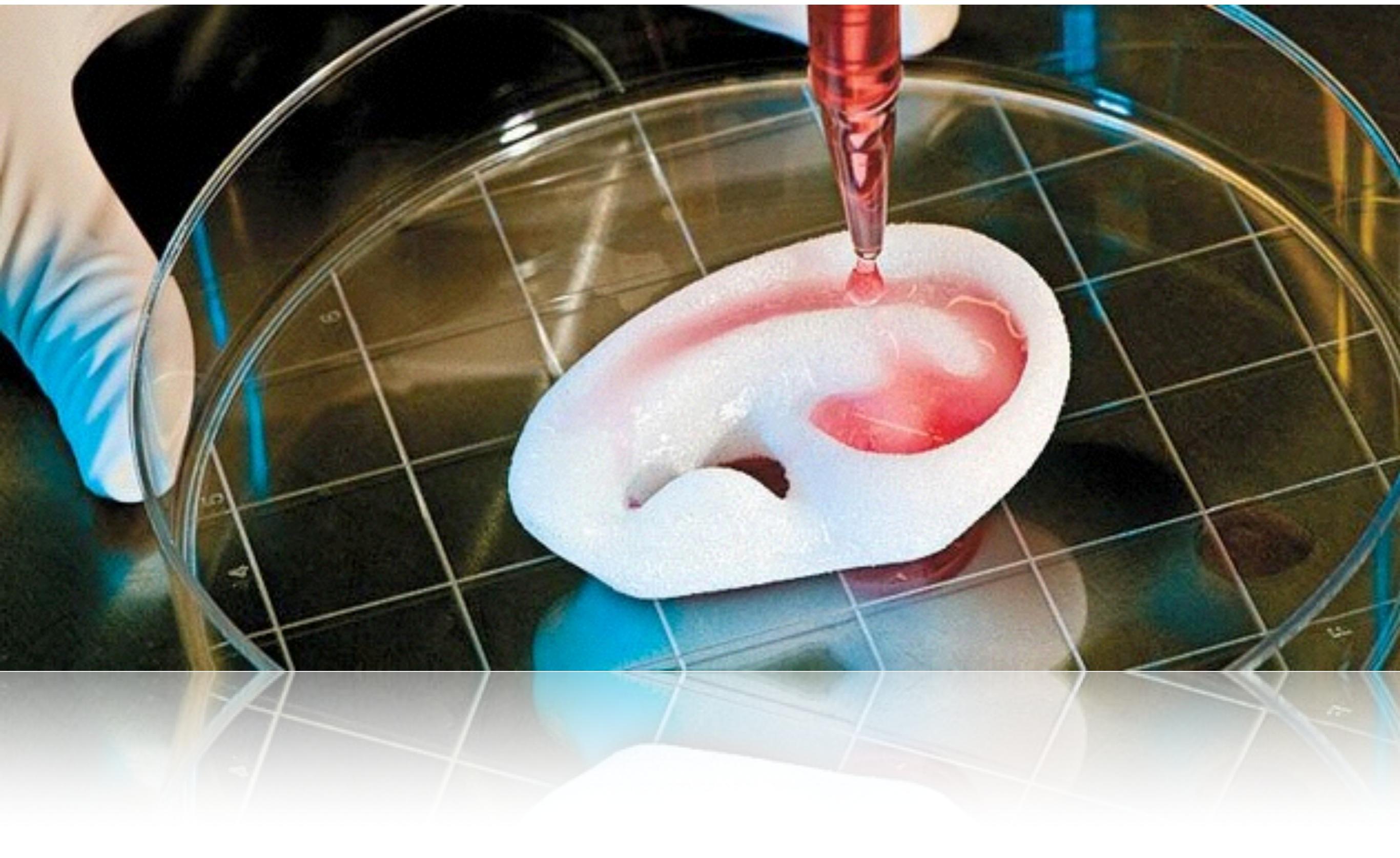
Growing: cells

Growing biological scaffolds: capillaries tissue





3D printing cartilage





Victimless leather Tissue culture and art project

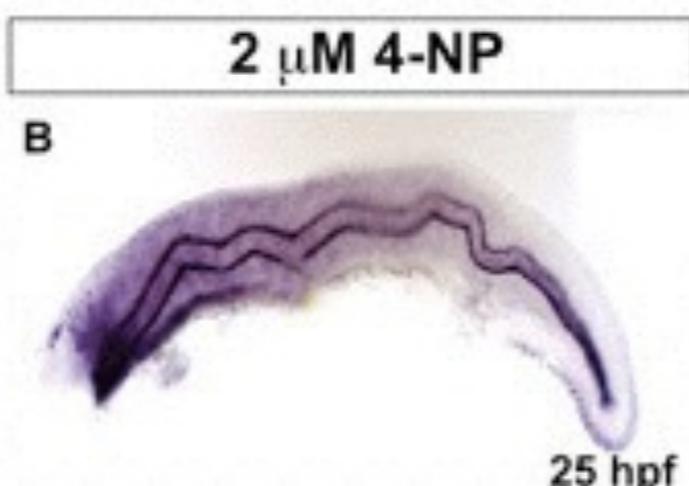


MUTAGENIC SKELETAL MALFORMATIONS USED IN THE FISH BONE CHAPEL

ZEBRA FISH



NONYLPHENOL



Taken from Gayathri Chandrasekar et al. Neurotoxicology and Teratology, 2011

FISH BONE CHAPEL.



Haseeb Ahmed



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Wishing you success and fun with the Bio
Hack Academy!

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www.artscienceethics.com

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