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Developmental Bio  
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**Cytokine induced angiogenesis in chick embryos**

Based on procedure developed by Katelyn Johnson, F&M College '02  
Dev Bio Lab CD

[file://localhost/Volumes/Bio24\\_CD/DB\\_lab/Chick/KJohnson/Chick\\_blood.html](file://localhost/Volumes/Bio24_CD/DB_lab/Chick/KJohnson/Chick_blood.html)

**Prep Sheet**

70% ethanol

95% ethanol

Hydrocortisone-acetate (3mg/ml) Sigma H4126

4 ml each: bFGF and leptin (1.5  $\mu$ g/ml in DMEM), and fresh DMEM (control)

8 Petri dishes (2 per person)

1 Glass Petri dish

Whatmann 3MM Filter Paper cut into 3mm x 3mm squares, soak in Hydrocortisone-acetate solution

12 9-10 day old chick embryos; crates

Forcep Kits/Scissors

Magic Scotch Tape