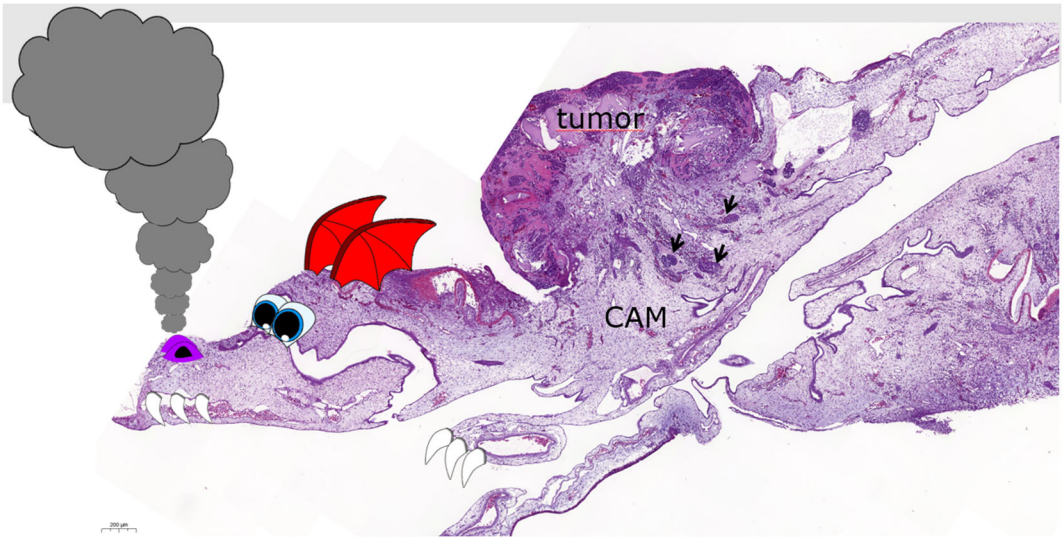
CAM Images

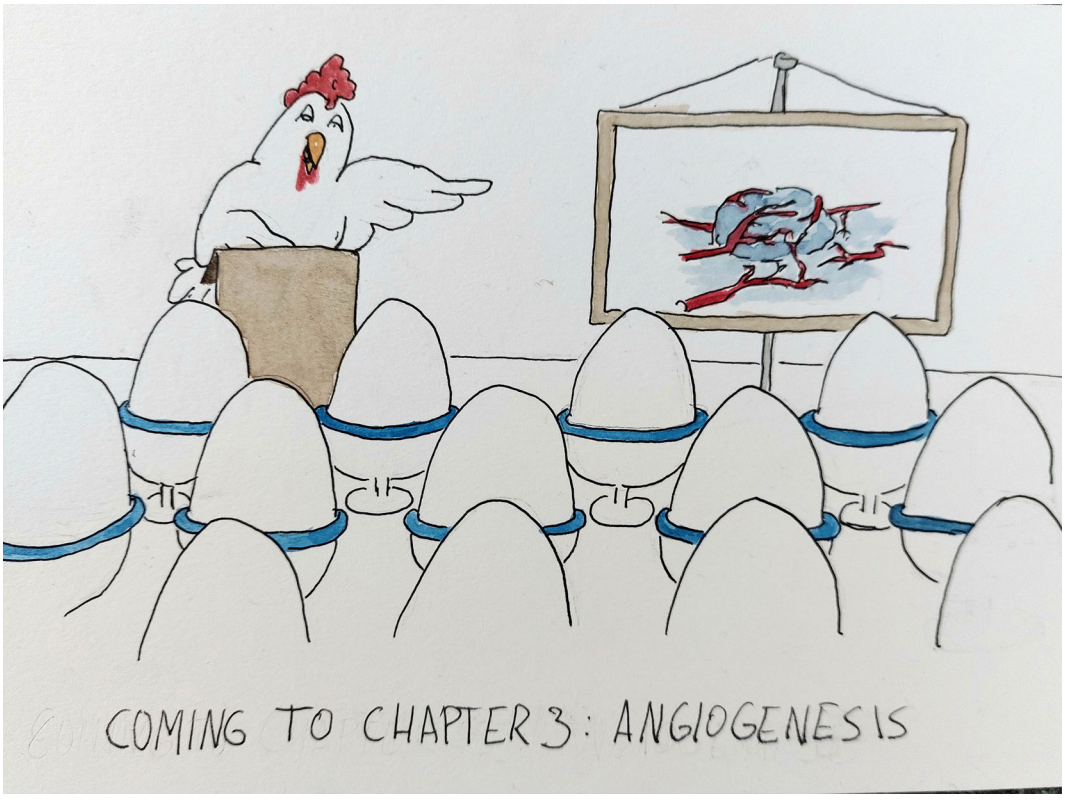
Regine Schneider-Stock



CAM ovograft H&E staining derived from non-small cell lung cancer cell line H460 treated with 25µM crepidatin showing clearly signs of cell death but also disseminating tumor cell clusters in the CAM (thanks to my MD-student Johannes Pröls for being creative).

Philipp Kunze

PhD student of Prof. Regine Schneider-Stock (Experimental Tumorpathology, University Hospital Erlangen)



Verena Handl
PhD student of Prof. Rainer Schindl (Biophysics, Medical University of Graz)

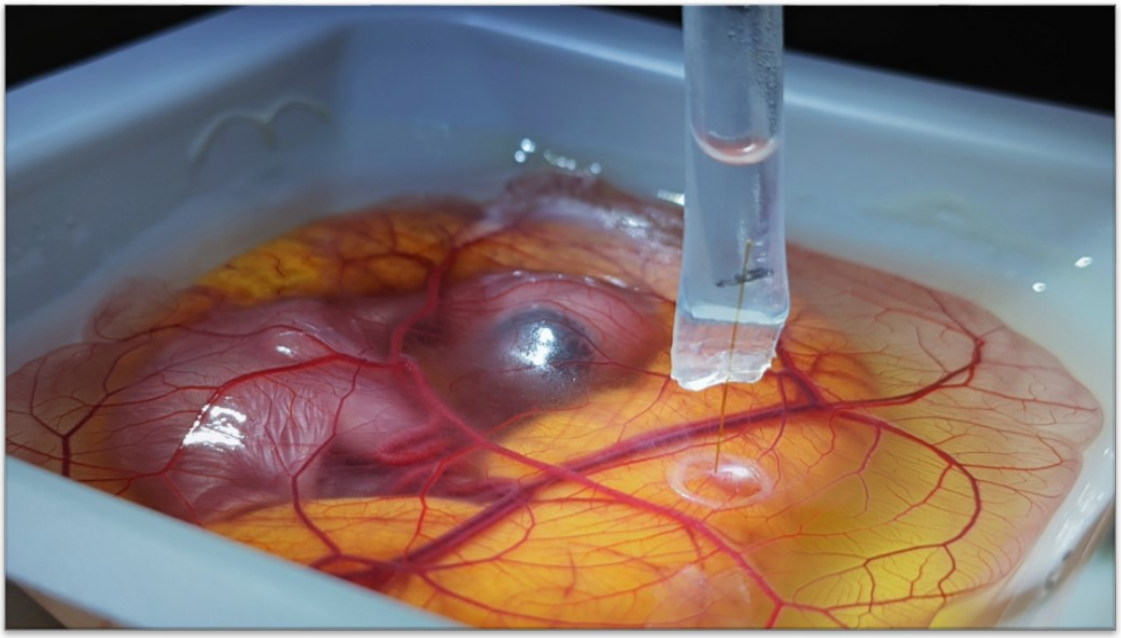


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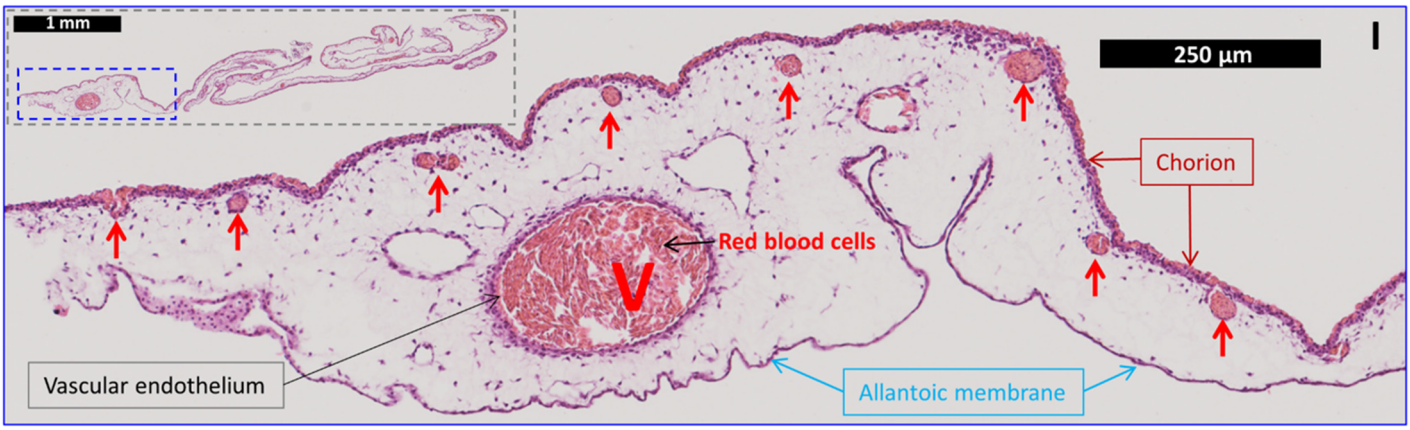
Photo from one of our CAM assays with the installed Iontronic Pump on it because you said you would need some unique photos from our experiments.

Nicole Dünker
PhD-Student of Prof. Nicole Dünker, Insitute of Anatomy II: Neuroanatomy, University Hospital Essen
„CAM-Dremel-Art“

As we in the Dünker lab open our eggs by using a Dremel, this engraving art was done by one of our doctoral students as part of a promotion for our CAM facility, providing training for cooperation partners who want to learn how to implement the *in ovo* CAM assays in their research

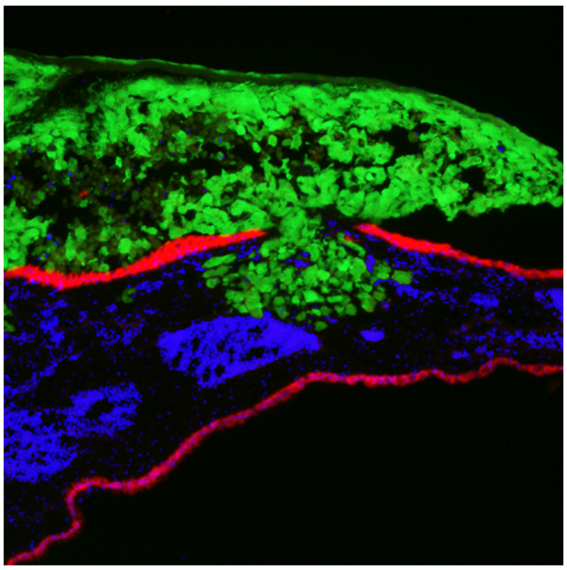
In ovo CAM tumor that developed after 7 day from inoculated human retinoblastoma cells and got connected to the CAM vasculature

Lei Chen
KU LEUVEN, Belgium



ED 12 of a chick embryonic egg; the CAM was sampled and processed for H&E staining (I) and microscopic views of low (1.0 mm scale bar, upper left corner) and high (250 µm scale bar) magnifications. V: a major CAM blood vessel; small red arrows: sub-chorion capillaries.
Figure 6I of Chen L, Wang S, Feng Y, Yu J, Coudyzer W, Van Ongeval C, Geng L, Li Y, Ni Y. Development and characterization of a chick embryo chorioallantoic membrane (CAM) based platform for evaluation of vasoactive medications. Microvasc Res. 2022 Jul;142:104372. doi: 10.1016/j.mvr.2022.104372. Epub 2022 Apr 26. PMID: 35483521.

Tami Green
PhD-Student at Prof. Lena Gunhaga at Umea Centre for Molecular Medicine (UCMM), Umea, Sweden



CAM-Delam Assay: Prostate PC3U cancer cells cultured on the CAM membrane for 3.5 days. Immunohistochemistry staining visualizes the damaged basal lamina of the CAM using anti-Laminin (red), and the delaminated migrating cancer cells that express GFP (green). DAPI (blue) highlights, among others, cells in the mesenchyme of the CAM. **JoVE**
PMID: 35723486 DOI: 10.3791/64025; https://www.jove.com/v/64025/cam-delam-assay-to-score-metastatic-properties-quantifying