

October/November 2011

## Message from the President

### Special Ocular Issue



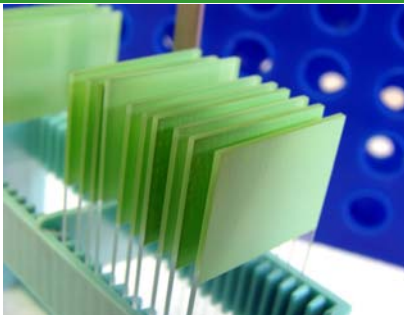
This month I am excited to share an ophthalmic histopathology update with you. In addition to routine toxicological analysis of tissue, supporting IND submissions as well as basic research, Colorado HistoPrep (CHP) excels in specialized histopathological analyses. As one of our core competencies, ophthalmic histopathology is crucial to developing treatments for glaucoma, macular degeneration, blepharitis or other eye diseases.

Our expertise is driven by the dedication of our meticulous pathology staff as well as the experience of our management team in world class ocular corporations such as Bausch & Lomb and Alcon in both formulation development as well as seminal research in polymeric devices for controlled ocular drug delivery.

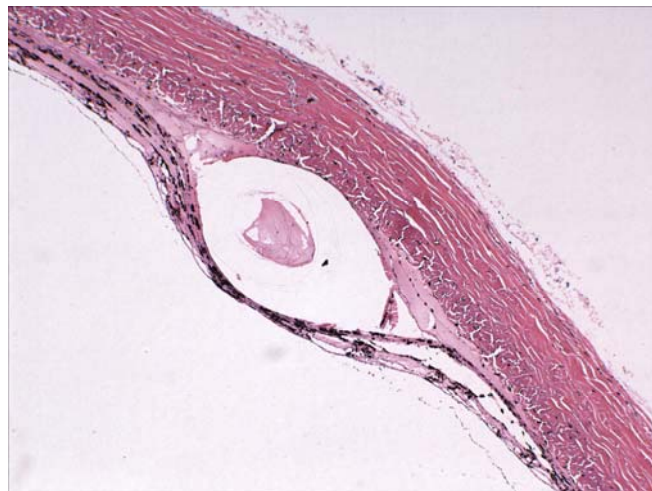
In this issue we offer some representative images that showcase CHP's vast experience in this specialized area of research.

Rajan Bawa, Ph.D  
President, Colorado Histo-Prep  
Chief Technical Officer, CARE Research, LLC

## Ophthalmic Implant Evaluation Project



The highlights of this project focus on ophthalmic implants. We looked at a variety of ocular tissue samples.



Implant Placement in Sheep Eye

# Ophthalmic Histopathology Project

## HEAR WHAT OTHERS ARE SAYING ABOUT CHP

*“You folks are the industry benchmark in ophthalmic histopathology.”*

*We invite you to partner with us in this important area of investigation.*

Client Manager

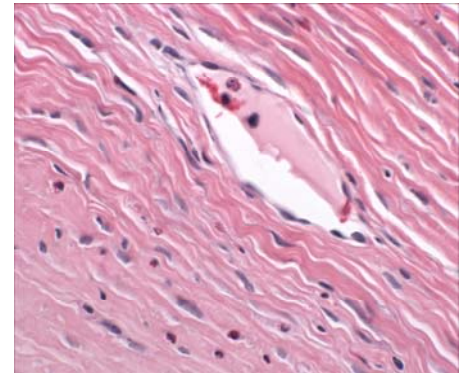
## TYPES OF CLIENTS

Pharmaceutical Companies  
Biomedical Device Companies  
Biotech Companies  
Meat Processing Plants  
Contract Testing Labs  
University Researchers  
Individual Researchers  
Government Agencies

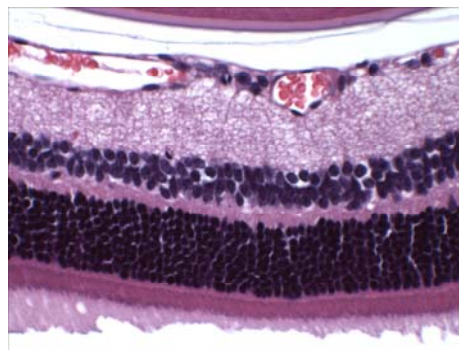
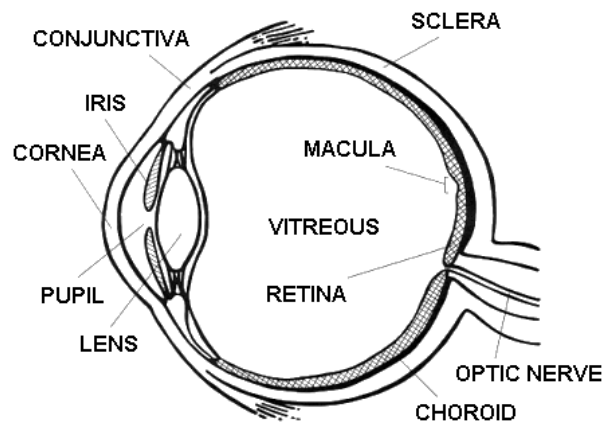
The following images are representative of projects completed by CHP.  
This research helps to identify new diagnostic methods and treatment procedures.

Uveitis is inflammation of the uvea — the middle layer of the eye that consists of the iris, ciliary body and choroid. Uveitis is the third leading cause of blindness in developed countries.

Uveitis can have many causes, including eye injury and inflammatory diseases. Toxic exposure, such as to pesticides and acids used in manufacturing processes, also can cause uveitis.



Uveitis in the Choroid



Eye Retina Detail



Laser cut Concentric Rings in Cornea

[Link to more sample project slides](#)

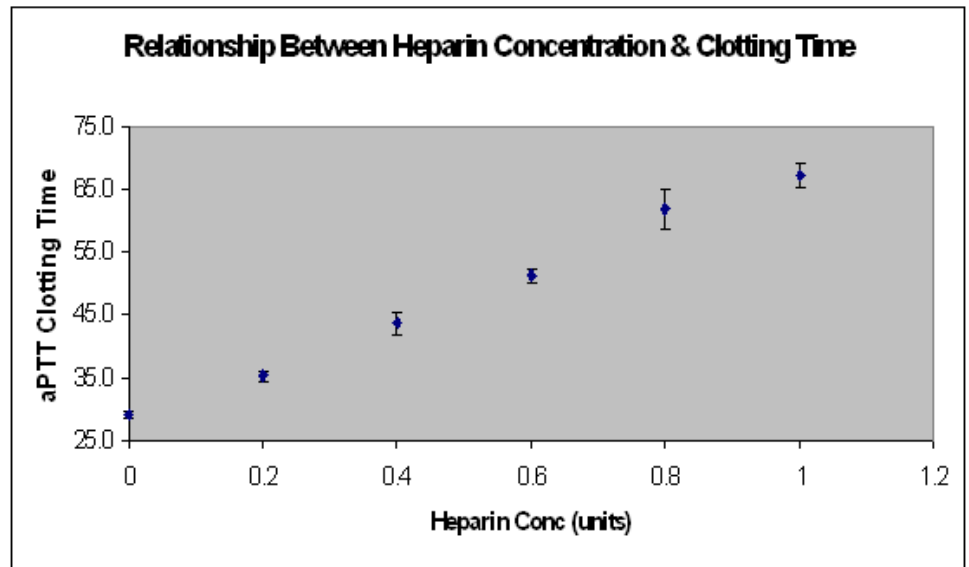
# CHP Recent Ophthalmic Study Highlights

## WHY

### Colorado Histo-Prep?

CHP takes the time to truly understand your research project, makes recommendations for optimal study design, and conduct careful analysis.

The final report is of the highest quality both in detail and accuracy.



#### Sample Calibration Curve

Correlation of aPTT (seconds) with Heparin concentration (units) used in the evaluation of clot resistant ophthalmic implants

## More About CHP



Colorado Histo-Prep combines scientific integrity and quality with reliability, personal accountability and trustworthiness. CHP has conducted studies on diverse conditions ranging from evaluations of pathological models such as Arthritis, Crohn's disease, Tuberculosis, kidney, liver and reproductive dysfunction to device biocompatibility investigations.

CHP welcomes unique customer requests and will work together with our client to develop the most efficient and innovative solutions to meet specific scientific, regulatory, budgetary and management objectives. CHP's seamless relationship with CARE ensures one point of project and contact control not only of technical details but also complete control (study director at CARE) responsibility for preclinical projects with histopathology endpoints to provide quality and timeliness of project completion.

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