Schedule

Day 1

09.00 am General lecture
Immuno Gold Silver Staining

11.00 am Lecture incubation procedure

02.00 PM Practicals:
- protocols
- specimen pre-treatment
- primary ab incubation

Day 2

09.00 am Practicals:
- washing
- secondary ab incubation

10.30 am Lecture incubation procedure

02.00 PM Practicals:
- washing
- post fixation
- Ag enhancement

Day 3

09.00 am Lecture trouble shooting

09.45 am Practicals:
- EM observation
- LM observation (brightfield, confocal or epipol)

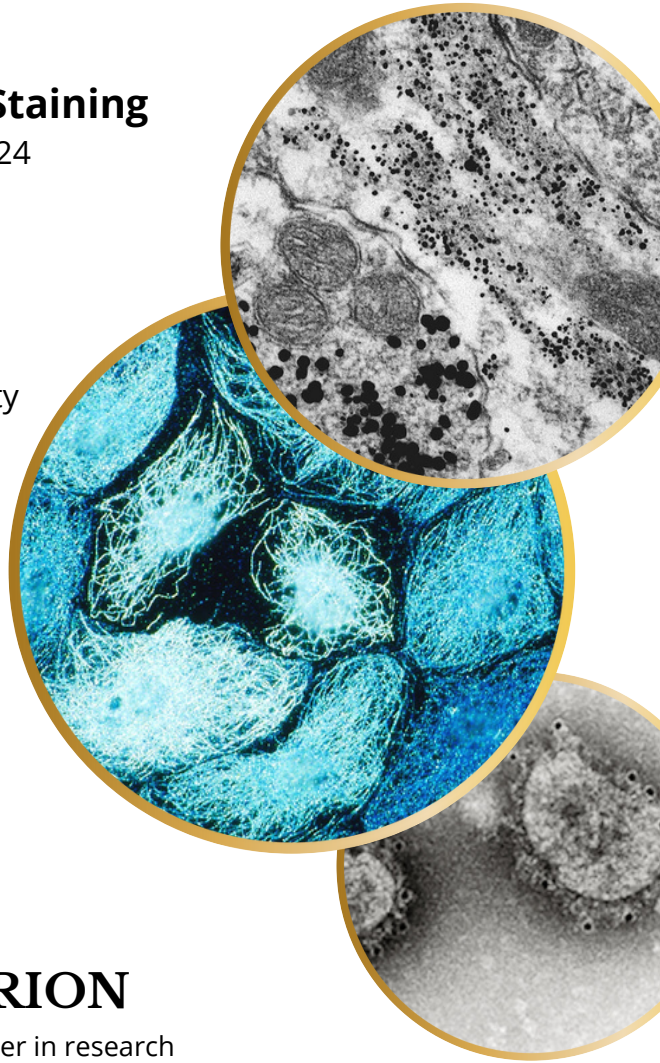
03.00 pm Round table discussion

04.00 pm Finishing up

Contact person for more information and registration:
Aurion Immuno Gold Reagents & Accessories
Monique Rosbergen
Binnenhaven 5
6709 PD Wageningen
e-mail: m.rosbergen@aurion.nl

clean, clear, reproducible & reliable
results

Masterclass
Immuno Gold Silver Staining
Wageningen, June 18-20, 2024



Practice
- Labeling specimens
- Incubation methods
- Antigenicity and reactivity

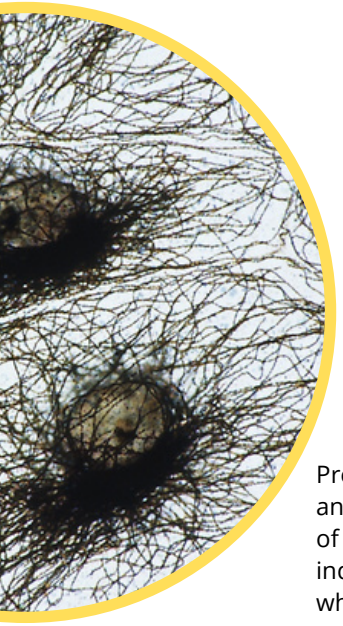
Theory
- Principles
- Preparation
- Applications
- Immuno detections
- Silver enhancement
- Background problems

AURION
Your partner in research

Masterclass Immuno Gold Silver Staining

Set up: Theory and Practice
3 Days: **June 18-20, 2024**

Tutor: Peter van de Plas
Course fee: € 700 ex VAT



The objective of the Masterclass is to provide you with the opportunity to learn the theory and practice of immunogold labeling.

You can bring your own ready-to-use specimens and primary antibodies, so that you can implement and evaluate the labeling on site under the expert guidance of Peter van de Plas, Product Specialist of AURION Immunogold Reagents & Accessories.

The three-day course will deal with the theoretical and practical aspects of the most up-to-date methods and applications for both light and electron microscopy.

Preferentially you work with your own specimens and primary antibodies. This maximizes the applicability and advantages of the Immuno Gold Silver Staining technique by each individual participant. Aurion can provide samples to those who cannot bring their own.

This course will provide you with a broad subject knowledge leading to permanent advantages in terms of time savings and improvements in daily work. Registration will be limited to 7 participants, giving a lot of time for personal attention.

In the course fee are included: a workshop syllabus, a personal incubation protocol, reagents and solutions, coffee, tea and in addition, on the first day of the course, dinner. Participants are responsible for making their own hotel reservation

Reactions of participants:

"We are very enthusiastic and will most certainly persue this method!"
"The time for personal advice was excellent!"
"An abundance of practical info, built on the necessary theoretical background!"

Workshop Instructor

Peter van de Plas has a background in histology and immunocytochemistry and joined Aurion in 1991. During the pioneering phase of Aurion in the early nineties he worked closely together with Dr. Leunissen in founding a firm basis for Aurion.

He contributed not only to the development of product applications and new products but also in designing the Aurion workshop Immuno Gold Silver Staining.

He has been invited to many international microscopy conferences and workshops and is especially experienced in providing hands-on training.

Former workshop attendees and customers appreciate Peter for his technical support on and his thorough knowledge of the immunogold silver staining techniques.

The Aurion workshops in Europe, Asia, Australia and the USA have all been fully attended and were very well received.

Main curriculum:

- The properties of gold nanoparticles and their protein conjugates
- Theories underlying gold nanoparticle conjugation and immunogold labeling protocols
- Immunogold labeling on a variety of sample preparations for light and electron microscopy
- Pre-embedding immunogold labeling using Ultra Small or 2nm gold conjugates and silver enhancement
- Postembedding immunogold labeling with conventional colloidal gold conjugates, Ultra Small and 2nm gold conjugates
- Pre- and postembedding double immunogold labeling
- Background minimization in immunogold labeling and troubleshooting