

visiopharm

Training course - August 30th - 31st 2010

Stereology Day 1

MONDAY

Time	Duration	Subject	Teacher	Type
8:30	0:30	Registration		
9.00	0:45	Introduction to the framework of design-based stereology	To be announced	Lecture
10.00	1:00	A: Image capture and storage B: Image acquisition parameters (microscope/camera)	To be announced	A: Virtual Slide Exercise B: Microscope Exercise
11:00	0:30	newCAST workflow	To be announced	Lecture
11:30	0:30	Area sampling	To be announced	Lecture
12.00	0:45	LUNCH		
12:45	0:30	Overview of the primary stereological probes	To be announced	Lecture
13.15	1:00	Cavalieri volume estimation	To be announced	Virtual Slide Exercise
14.15	1:00	Surface area estimation in lung tissue	To be announced	Virtual Slide Exercise
15.15	0:30	COFFEE		
15.45	0:15	Using Microimager for automated acquisition and offline analysis	To be announced	Lecture
16.00	1:00	Using Microimager for automated acquisition and offline analysis	To be announced	Virtual Slide Exercise
17.00	-	End of Stereology Day 1		

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Stereology Day 2

TUESDAY

Time	Duration	Subject	Teacher	Type
9.00	0:15	Recap of Monday's lectures	To be announced	Lecture
9:15	1:15	Physical Disector	To be announced	Virtual Slide Exercise
10.30	1:30	A: Optical disector with nucleator and rotator B: Point sample intercepts and 2D nucleator	To be announced	A: Microscope Exercise B: Virtual Slide Exercise
12.00	0:45	LUNCH		
12.45	1:00	A: Database management and multiple users B: Microscope calibration	To be announced	A: Virtual Slide Exercise B: Microscope Exercise
13:45	0:30	Improving efficiency by image analysis assisted sampling	To be announced	Lecture
14:15	1:00	Image analysis for Autodisector (customized tissue detection)	To be announced	Virtual Slide Exercise
15.15	0:30	COFFEE		
15.45	1:15	Autodisector counting	To be announced	Virtual Slide Exercise
17.00	-	End of Day 2		

Program details may be subject to change

Teachers: Lars Pedersen, PhD (LAP)

Head of Professional Services and Technical Sales

Won Yung Choi, PhD (WYC)

Senior Products Scientist