

# BMED 904

## Graduate Course in Extracellular Matrix

June 3-7 2019

BB-Building Jonas Lies vei 91

Day	Time	Title	Speaker
Monday June 3	9.15-11.00	Introduction to extracellular matrix	Donald Gullberg, UiB
	11.15-12.00	Imaging in biomedical research	Frits Alan Thorsen, UiB
	12.00-13.15	Lunch	
	13.15-14.00	Proteoglycans, cell-matrix receptors	Marion Kusche-Gullberg, UiB
	14.15-14.30	Presentation student group work	Marion Kusche-Gullberg
	14.30- 16.00	Presentation lab work	Ning Lu, UiB
Tuesday June 4	9.15- 10.00	Focal adhesions and syndecan proteoglycans	John Couchman Copenhagen,
	10.15-11.00	Syndecans and disease	John Couchman
	11.15- 12.00	Matrix metalloproteinases	Jan-Olof Winberg, Tromsø, Norway
	12.00-13.00	Lunch	
	13.15-14.00	Matrix metalloproteinases	Jan-Olof Winberg
	14.00-	Lab work	Cell culture room
Wednesday June 5	9.15-11.00	Artificial matrices for stem cell culture	Cathy Merry, Manchester, UK
	11.15-12.00	Integrins: role in ECM	Donald Gullberg
	12.00-13.15	Lunch	
	13.15-14.00	Integrins: role in ECM	Donald Gullberg
	14.15-15.00	Continue demonstrations/Labwork	Cell culture room
	15.00 -	Group-work	
Thursday June 6	9.15-10.00	Fibroblast heterogeneity	Kalle Sipilä London, UK
	10.15-11.00	The brain matrix and its potential role in disease	Joanna Phillips; UCSF, USA
	11.15-12.00	Laminin-deficient muscular dystrophy: pathogenesis and development of treatment	Madeleine Durbeej Lund, Sweden
	12.00-13.15	Lunch	
	13.15-14.00	Laminin-deficient muscular dystrophy: pathogenesis and development of treatment	Madeleine Durbeej

## **BMED 904**

14.30-15.30 GBM heterogeneity and extracellular regulation of oncogenic signaling Joanna Phillips

15.30- Group work

---

Friday June 7	9.15-11.00	Transgene techniques	Donald Gullberg
	11.15-12.00	Proteoglycans – genetic disorders	Marion Kusche-Gullberg
	12.00-13.15	Lunch, Pizza	
	13.15-15.00	Presentations group work	Marion Kusche-Gullberg