

16th International Workshop on Scleroderma Research
Saturday 27th July- Wednesday 31st July 2019
St John's College, Cambridge, UK

10:30-18:00	REGISTRATION	Conference Office
18:00-18:45	EDITH BUSCH FOUNDATION OPENING LECTURE	
	Welcome and Introduction	Carol Black and Robert Lafyatis
	Resolution of inflammation: A new therapeutic frontier	Derek Gilroy Scientific Director- UCL
18:45-19:00	EDITH BUSCH FOUNDATION Presentation: 'Lifetime Achievement Award' Professor Frank Wollheim – Lund University	
	Introduction - Thomas Krieg Presentation on behalf of the Edith Busch Foundation: Ulrich Schanbacher and Martin Böppler	
19:00	Opening Reception Sponsored by the Edith Busch Foundation	

SUNDAY 28 JULY

8:00-18:00	Registration	
08:30	Welcome and Introduction	Carol Black and Robert Lafyatis
SESSION 1		
Breakthrough 'Changing the Game' Keynotes		
Understanding Scleroderma Pathogenesis, Translational Biology and Clinical Trials		
Chairs – Carol Black and Robert Lafyatis		
08:40	Fundamental Bioscience	Carol Feghali-Bostwick (Charleston)
09:10	Translation and Clinical Trials	Dinesh Khanna (Michigan)
09:40	COMFORT BREAK	
SESSION 2		
Advances in Platform Technologies: Genetics, Phenotyping and Omics		
Chair – Maureen Mayes		
09:50	Introduction	Maureen Mayes (Houston)
10:00	Studying the genetic basis of autoimmune diseases	Javier Martin (Granada)
10:30	CyToF and deep cell phenotyping to study immune regulation	Shahram Kordasti (London)
11:00	Defining the architecture of autoimmune diseases at the single cell level	Adam Croft (Birmingham)
11:20	Discussion	
11:30	MORNING COFFEE	
SESSION 3		
Wound Healing, Fibrosis and Regenerative Medicine		
Chair – Armando Gabrielli		
11:50	Introduction	
12:00	Keynote: Fibrosis of the skin in scleroderma and wound repair	Michael Longaker (Stanford)
12:40	Fibroblast heterogeneity in development and healing	Emanuel Rognoni (London)
1:00	Discussion	
1:10	LUNCH	

SESSION 4

Damage response and cytokine signaling

Chair – Jacques Behmoaras

2:10	Introduction	Jacques Behmoaras (London)
2:20	The critical role of IL-11 in fibro-inflammatory diseases	Stuart Cook (London)
3:00	IL6 as a link between tissue damage and fibrosis	Simon Jones (Cardiff)
3:20	Discussion	
3:30	AFTERNOON TEA	
SESSION 5		
Critical pathways in autoimmunity		
Chair – Yannick Allanore		
4:00	Introduction	Yannick Allanore (Paris)
4:10	Checkpoints inhibitors in immune regulation	David Sansom (London)
4:40	T cells and complement	Claudia Kemper (Bethesda)
5:10	Defective B lymphocyte tolerance induction in systemic sclerosis pathogenesis	Rizgar Mageed (London)
5:40	Myeloid signaling and type 2 immunity in fibrosis	Sabine Eming (Cologne)
6:10	Discussion	
6:20	END OF SESSION	
6:30	~ WELCOME RECEPTION ~ Cloisters – St. John’ s College, Cambridge	
	~ POSTER VIEWING ~	



MONDAY 29 JULY

SESSION 6		
Young Investigators – Selected abstracts		
Chairs – Robert Lafyatis and Masataka Kuwana		
09:00-10:30	Presentations from selected Abstracts	6 Presentations (15 mins each)
10:30	MORNING COFFEE	
SESSION 7		
Cancer associated fibroblast and the stromal microenvironment		
Chair – Carol Feghali-Bostwick		
10:50	Introduction	
11:00	Microenvironment in cancer	Richard Hynes (Cambridge, MA)
11:30	The cell biology of the tumour microenvironment	Erik Sahai (London)
12:00	Discussion	
12:30	LUNCH	
SESSION 8		
Targeting the myofibroblasts and Metabolism		
Chair – Oliver Distler		
1:50	Introduction	Oliver Distler (Zurich)
2:00	Myofibroblasts	John Varga (Chicago)-
2:30	Targeting apoptosis of myofibroblasts in fibrosis	David Lagares (Boston)
3:00	Discussion	
3:30	AFTERNOON TEA	
SESSION 9		
Vascular biology: Remodeling, calcification and repair		
Chair – Marco Matucci Cerinic		
3:50	Introduction	Marco Matucci Cerinic (Florence)
4:00	Control of vascular smooth muscle cell identity	Helle Jorgensen (Cambridge)
4:30	Mechanisms of vessel calcification	Cathy Shanahan (London)
5:00	Vascular remodeling	Maria Trojanowska (Boston)
5:30	Discussion	
6:00	END OF SESSION	
6:00	~ POSTER VIEWING ~	




TUESDAY 30 JULY

SESSION 10		
Exploring lessons from other diseases and biomarkers		
Chair – Luc Mouthon		
08:50	Introduction	Luc Mouthon (Paris)
09:00	Keynote: Hepatic fibrogenesis	Massimo Pinzani (London)
09:40	Inflammatory myositis	Olivier Benveniste (Paris)
10:10	Synovial fibroblasts in arthritis	Trinidad Montero-Melendez (London)
10:40	Discussion	
11:00	MORNING COFFEE	
SESSION 11		
Scleroderma Clinical Trials Consortium		
Chairs – Ariane Herrick and Lorinda Chung		
11:30-11:35	Introduction	
11:35-11:50	Selecting patients for clinical trials- opportunities, pitfalls, lessons learnt from recent clinical studies	Jaap van Laar (Utrecht)
11:50-12:00	Discussion	
12:00-12:15	Outcome measures in recent clinical trials – lessons learnt from recent RCTs	Robyn Domsic (Pittsburgh)
12:15-12:25	Discussion	
12:25-12:40	Development of a White Paper in systemic sclerosis	Dinesh Khanna (Ann Arbor) and Peter Merkel (Philadelphia)
12:40-12:55	Discussion	
12:55-1:00	Closing remarks	
1:00	LUNCH	
SESSION 12		
Translational Partnerships and Industrial Interactions		
Chairs – John Varga and Chris Denton		
This session provides a forum for our industrial partners to discuss and present aspects of academic-industry interactions		
Discovery partnerships with Industry		
2:00-3:30	Presentations by Industry Colleagues	~ 6 Presentations
3:30	COMFORT BREAK	
SESSION 13		
Lessons from autologous Stem Cell Transplantation		
Chair – Jaap van Laar		
4:00	Introduction	Jaap van Laar (Utrecht)
4:10	Keynote: Clinical impact of HSCT, hematopoietic stem cells, in SSc	Keith Sullivan (Durham)
4:40	Genetics and Profiling towards precision medicine	Mike Whitfield (Dartmouth)
5:00	Elucidating the Mechanisms and Future Directions	Alan Tyndall (Basel)
5:20	Discussion	
SESSION 14		
ECM and Mechanotransduction - revisited		
Chair – Thomas Krieg		

5:40	Introduction	Thomas Krieg (Cologne)
5:50	The social networks of myofibroblasts	Boris Hinz (Toronto)
6:10	Matrix biomechanics and dynamics	Daniel Tschumperlin (Minnesota)
6:30	Discussion	
6:40	END OF SESSION	

6:40	~ POSTER SESSION ~	
7:30	~ BANQUET ~ Great Hall – St. John’ s College, Cambridge	

<p>16th International Workshop on Scleroderma Research St John’ s College, Cambridge, UK July 27-31 2019</p>	 <p>Advancing Scleroderma Research and Translational Medicine</p>
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WEDNESDAY, 31ST JULY

SESSION 15		
Advances in signal transduction pathways		
Chair – Kristofer Rubin		
08:50	Introduction	Kristofer Rubin (Lund)
09:00	Control of TGFbeta signalling by the hippo pathway	Liliana Attisano (Toronto)
09:30	Targeting intracellular signaling in fibrosis	Jörg Distler (Erlangen)
10:00	Discussion	
10:20	MORNING COFFEE	
SESSION 16		
Macrophages, metabolism and mitophagy		
Chair – Francesco Del Galdo		
10:50	Introduction	Francesco Del Galdo (Leeds)
11:00	Keynote: Mitochondrial function, metabolism and oxidative stress	Toren Finkel (Pittsburgh)
11:40	System genetics to study macrophage plasticity and metabolism inflammatory diseases	Jacques Behmoaras (London)
12:10	Discussion	
12:30	LUNCH	
End of Workshop		