

**COST Action BM1401 Raman based applications for clinical diagnostics
(Raman4Clinics)
“Cells & Tissue Workshop”**

- Cytopathology of single cells for cancer cell monitoring
- Histopathology of cells and tissue sections and biopsies from cancerous and noncancerous pathologies
- Fiber optic endoscopy for in vivo assessment of cancer and atherosclerosis

29 February – 2 March 2016

**Dublin Institute of Technology (DIT) FOCAS Institute, Camden Row, Dublin 8,
Ireland**

DAY 1: Monday, 29 February 2016	
19:00	Welcome - Evening seminar on FOCAS and biospectroscopy in DIT Prof Hugh Byrne (FOCAS, DIT), Dr Aidan Meade (DIT)

DAY 2: Tuesday, 1 March 2016	
09:00	Welcome and introduction to Raman4Clinics / Scope of meeting Prof Fiona Lyng (DIT), Dr Catherine Kendall (GHNHSFT), Dr Christoph Krafft (IPHT)
09:30	Clinical needs presentation 1: Prof John O'Leary, Coombe Women and Infants University Hospital
10:00	<i>discussion</i>
10:10	Clinical needs presentation 2: Prof Stephen Flint, Dublin Dental University Hospital
10:40	<i>discussion</i>
10:50	Coffee Break
11:15	WG3 questionnaire summary: Prof Fiona Lyng (DIT)
11:45	WG4 questionnaire summary: Dr Christoph Krafft (IPHT Jena)
12:15	Round Robin Session: Dr Claudia Beleites (IPHT Jena)
12:45	Lunch
14:00	Administrative issues: Gabi Hamm (IPHT Jena)
14:15	WG Breakout sessions part 1 (Lead: WG leaders)
16:15	Coffee Break
16:45	Summary of WG discussions

DAY 3: WEDNESDAY, 2 March 2016	
09:00	Impulse Lecture on Instrumentation : Dr Gerwin Puppels (RiverD)
09:15	Impulse Lecture on Instrumentation : Dr. Catherine Kendall (GHNHSFT)
09:30	<i>discussion</i>
09:45	Impulse lecture on Applications: Dr Angels Sierra (IDIBAPS, Barcelona)
10:00	Raman profiling of Glycosaminoglycans in cells: a possible spectral marker of tumour progression? <i>Dr Ganesh Sockalingum (University of Reims)</i>
10:15	<i>discussion</i>
10:25	Coherent Raman scattering to Challenge Spontaneous Raman for Cell and Tissue Imaging Dr. Rabah Mouras (University of Limerick)
10:35	Multimodal Raman Imaging for Bone Health: Dr. Lekshmi Kailas (University of Limerick)
10:45	<i>discussion</i>
11:00	Coffee Break
11:30	WG Breakout sessions part 2 (Lead: WG leaders)
12:30	Next steps, ITN proposal, round robin ...
12:45	Summer school, Annual meeting: Frances Karlen (IPHT Jena)
13:00	End of meeting and Lunch