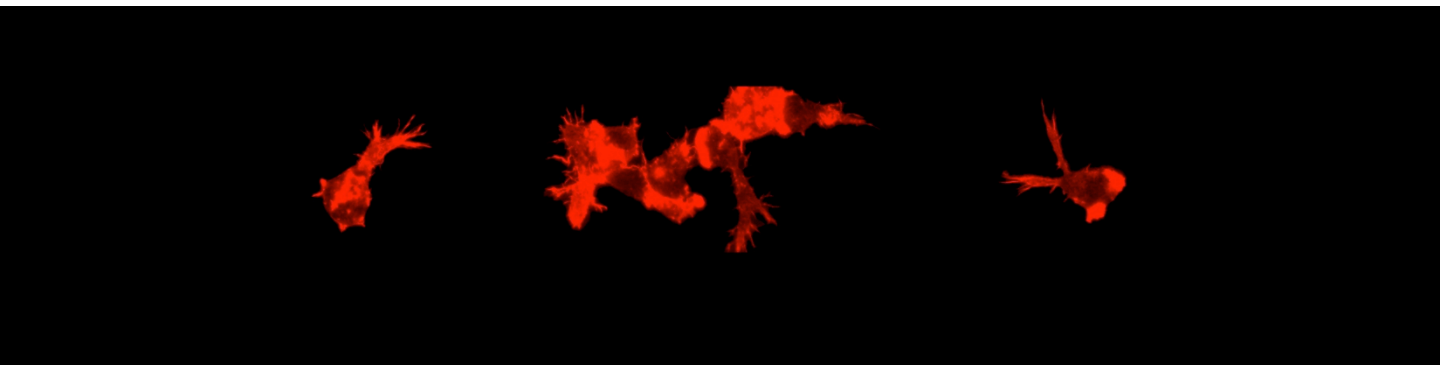
Welcome to attend

Workshop at the Interface between Applied Physics and Immunology

a joint venture between
Applied Physics at KTH,
Microbiology, Tumor and Cell Biology at KI,
Experimental and Clinical Medicine at the University of Catanzaro, Italy and
The KI doctoral programme in Allergy, Immunology & Inflammation

When 26 of September, 2014

Where Gard-aulan, Nobels väg 18, KI, Stockholm



Register Email Karin Lisshamre (karinlis@kth.se)
no later than 22/9

The KI doctoral programme in
Allergy, Immunology & Inflammation

AII Mini symposia:

"At the interface between Applied physics and Immunology"

08:00 – 08:30 Coffee

08:30 – 10:40 Session V

Chairmen: Björn Önfelt (KTH/SciLifeLab) and Ennio Carbone (KI/UMG)

08:30 – 09:00 Mats Wahlgren (KI) *Death from Malaria: development of novel therapy*

09:00 – 09:30 Cuda Gianni (UMG) *TBA*

09:30 – 10:00 Martin Wiklund (KTH) *Ultrasonic 3D cell culture*

10:00 – 10:30 Elin Forslund (KI/SciLifeLab) *NK cell education impacts migration and killing dynamics*

10:40 – 11:00 Coffee

11:00 – 13:10 Session VI

Chairmen: Björn Önfelt (KTH/SciLifeLab) and Klas Kärre (KI)

11:00 – 11:30 Annica Gad (KI) *Cell mechanics, nanoscale adhesions and cancer*

11:30 – 12:00 Rossana Tallerico (UMG) *Mechanical stress and cancer immunogenicity*

12:00 – 12:30 Manola Moretti (KAUST) *Single molecule force spectroscopy of MHC-I on cancer cells*

12:30 – 13:00 Ennio Carbone (KI, UMG) *Brining together the potential of immune cells and the power of new drugs to target cancers by nanoparticles*

13:00 – 13:10 Closing remarks

13:10 – 14:00 Lunch

The affiliations abbreviations:

Applied Physics (**APhys**) at the Royal Institute of Technology (**KTH**), Sweden

Microbiology, Tumor and Cell Biology (**MTC**) at the Karolinska Institutet (**KI**), Sweden

Experimental and Clinical Medicine (**DMSC**) at the University of Catanzaro (**UMG**), Italy

King Abdullah University of Science and Technology (**KAUST**), Saudi Arabia