Invitation to Free Instrument Demonstration:

High Speed Atomic Force Microscopy
Imaging dynamic processes at the nanoscale

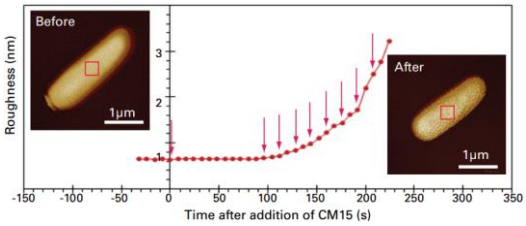
Tuesday 23rd to Thursday 25th August

Never Stand Still | MW Analytical Centre | Biomedical Imaging Facility

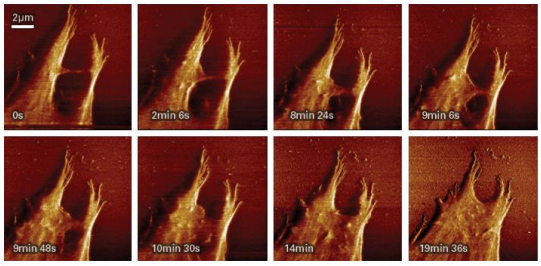
Bruker's Dimension FastScan is the world's most capable atomic force microscope and provides exceptional imaging quality and speed. Using the high speed imaging capability the researcher may deduce surface structure and morphology change due to external influences and better understand dynamic processes in molecular biology, cellular dynamics and membrane formation. High speed atomic force microscopy is useful across a broad range of applications in the biological, chemical and material sciences.

You are invited to attend a **free live demonstration** of the Bruker FastScan AFM, hosted by the Biomedical Imaging Facility, at the Lowy Cancer Research Centre, University of New South Wales, Randwick. Two sessions per day will be provided over three days.

Space in each session is limited, please email today with your preferred slot to reserve your attendance.



Graph showing the rapid increase in surface roughness of the outer membrane of a live E. coli cell after exposure to the antimicrobial peptide CM15 (20µg/mL)



AFM image sequence of the leading front of a migrating stem cell showing the formation of two extended lamellipodia

Live Instrument Demonstrations:

*Sessions begin **9:30am and 1:30pm daily***
Tuesday 23rd to Thursday 25th August
BMIF Facility , Lowy Building,
University of New South Wales

For more information and to reserve a demonstration slot:

Mr Christian Gow
Email: **christian.gow@coherent.com.au**

Dr Celine Heu
Email: c.heu@unsw.edu.au

Fully Closed shoes are compulsory to be authorised to attend the demonstration