

DNA Damage: Tools and Analytical Techniques

A 1 day workshop hosted jointly by the Analytical Division and Chemical Biology interface forum as part of a series of workshops hosted by the RSC titled

"Analytical Techniques for the Life Sciences"

Programme

10.30 REGISTRATION AND COFFEE

11.00 Chairs introduction

Malcolm Smyth

Dublin City University, Ireland

11.15 Oxidatively generated damage to DNA: measurement in cells

Jean Cadet

CEA, Grenoble, France

12.00 In vivo sampling techniques for oxidative DNA damage

Craig Lunte

University of Kansas, USA

12.30 LUNCH and POSTER SESSION

14.00 Ultrafast detection of species in DNA

John Kelly

Trinity College Dublin, Ireland

14.30 Mass spectral approaches for determining carcinogen-induced DNA damage

Peter Farmer

University of Leicester, UK

15.00 COFFEE and POSTER SESSION

15.30 Separation of oxidative DNA damage products using CE and HPLC

Blánaid White

Dublin City University, Ireland

16.00 Detection of DNA damage from radiation

Mario Leclerc

Université Laval, Canada

16.30 Closing remarks from Malcolm Smyth