

Workshops Current trends in Biomedicine 2011



The Enemy Within: Endogenous DNA Damage as a Source of Cancer and Ageing

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Internacional
de Andalucía

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Scope

DNA damage is a common initiator of cancer and ageing. To date, most of the studies investigating how cells respond to DNA damage rely on the use of external sources of genotoxic agents such as ionizing radiation or chemical carcinogens. However, the actual nature of the damage that arises endogenously in living cells remains poorly understood. Telomere erosion, oxidative stress, by-products of metabolism, replicative stress... All these are endogenous insults that have been postulated as key drivers of ageing and cancer. Nevertheless, and despite the intensive research already done in these areas, their actual contribution to human disease remains to be formally demonstrated. This meeting will bring together a group of scientists with a common interest in understanding how endogenous DNA damage is generated, dealt with, and on the consequences of accumulating such lesions for human health.

Format of the Workshop

The workshop will bring together 17 speakers and a maximum of 33-35 participants, to form a group of around 50 people. The scientific programme will start in the morning of Thursday, November 17th, and will end around noon on Saturday, November 19th. Ample time for informal discussion will be reserved. Participants will be invited to present a poster.

Venue of the Workshop

The workshop will be held in Baeza, at the "Sede Antonio Machado", a XVII century building turned into a Conference Centre of the Universidad Internacional de Andalucía (UNIA). This Seat includes a recently restored residence, where participants will be accommodated. Baeza is a World Historic Heritage town, renowned for its Renaissance and Gothic buildings.

Organized by:

Oscar Fernández-Capetillo
Spanish National Cancer Research Centre (CNIO). Madrid, Spain.

Jiri Lukas

Institute of Cancer Biology and Centre for Genotoxic Stress Research, Danish Cancer Society. Copenhagen, Denmark.

André Nussenzweig

National Cancer Institute, NIH. Bethesda, USA.

Speakers

Andrés Aguilera. Centro Andaluz de Biología Molecular y Medicina Regenerativa (CABIMER); Universidad de Sevilla-CSIC. Sevilla, Spain.

María A. Blasco. Telomeres and Telomerase Group, Molecular Oncology Program, Spanish National Cancer Research Centre (CNIO). Madrid, Spain.

Vincenzo Costanzo. Genome Stability Unit, Clare Hall Laboratories, London Research Institute, Cancer Research UK. South Mimms, UK.

William G. Dunphy. Division of Biology 147-75, California Institute of Technology. Pasadena, CA, USA.

Oscar Fernández-Capetillo. Genomic Instability Group, Spanish National Cancer Research Centre (CNIO). Madrid, Spain.

Marco Foiani. Fondazione IFOM, Istituto FIRC di Oncologia Molecolare, DSBB-Università degli Studi di Milano. Milan, Italy.

Anja Groth. Biotech Research and Innovation Centre (BRIC), University of Copenhagen. Copenhagen, Denmark.

Ian D. Hickson. Department of Cellular and Molecular Medicine, Center for Healthy Aging, University of Copenhagen. Copenhagen, Denmark.

Stephen P. Jackson. Gurdon Institute and Department of Biochemistry, University of Cambridge. Cambridge, UK.

Josef Jiricny. Institute of Molecular Cancer Research of the University of Zurich. Zurich, Switzerland.

Jiri Lukas. Institute of Cancer Biology and Centre for Genotoxic Stress Research, Danish Cancer Society. Copenhagen, Denmark.

André Nussenzweig. Experimental Immunology Branch, National Cancer Institute, NIH. Bethesda, MD, USA.

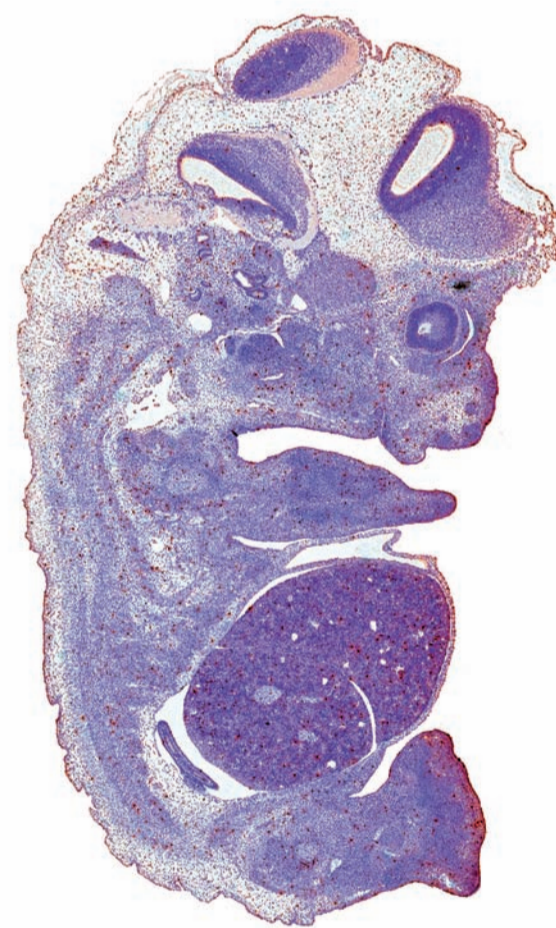
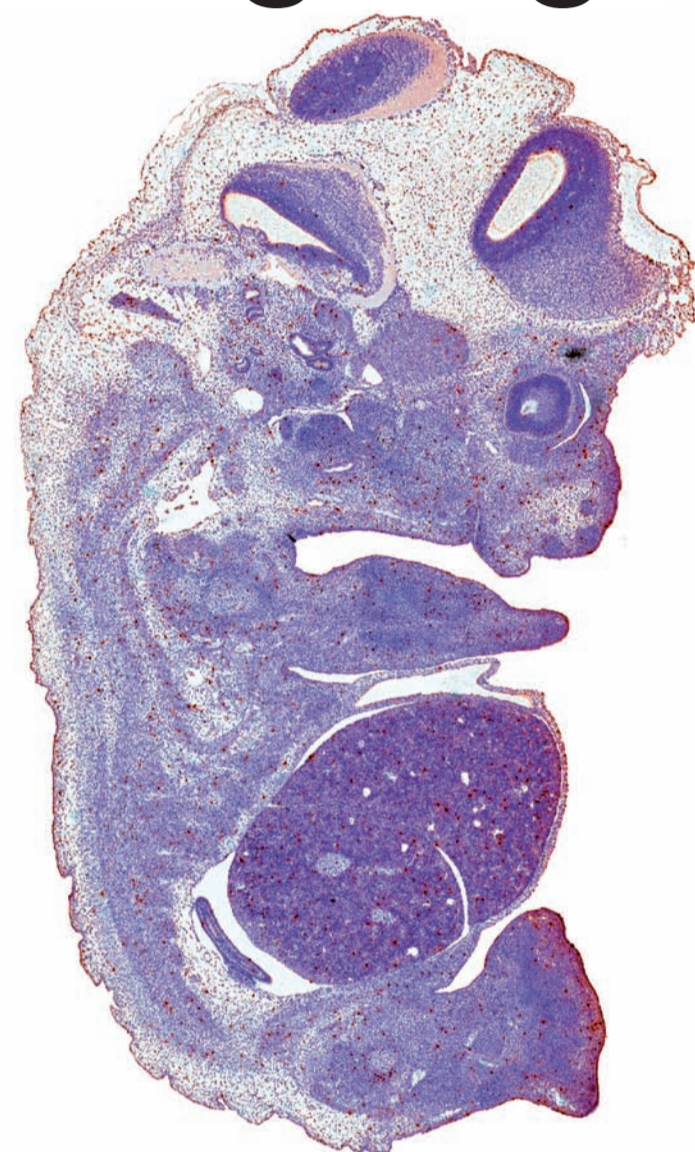
Philippe Pasero. Institute of Human Genetics, CNRS UPR 1142. Montpellier, France.

John Rouse. MRC Protein Phosphorylation Unit, College of Life Sciences, University of Dundee. Dundee, UK.

Manuel Serrano. Tumor Suppression Group, Molecular Oncology Program, Spanish National Cancer Research Centre (CNIO). Madrid, Spain.

Barry P. Sleckman. Department of Pathology and Immunology, Washington University School of Medicine. St. Louis, MO, USA.

Johannes C. Walter. Department of Biological Chemistry and Molecular Pharmacology, Harvard Medical School. Boston, MA, USA.



Baeza, Spain
• 17th-19th November
2011

Deadline:

16th September 2011

Venue:

Sede Antonio Machado
Universidad Internacional de Andalucía
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Workshop coordinator:

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More information and application:

<http://www.unia.es/biomedicine>