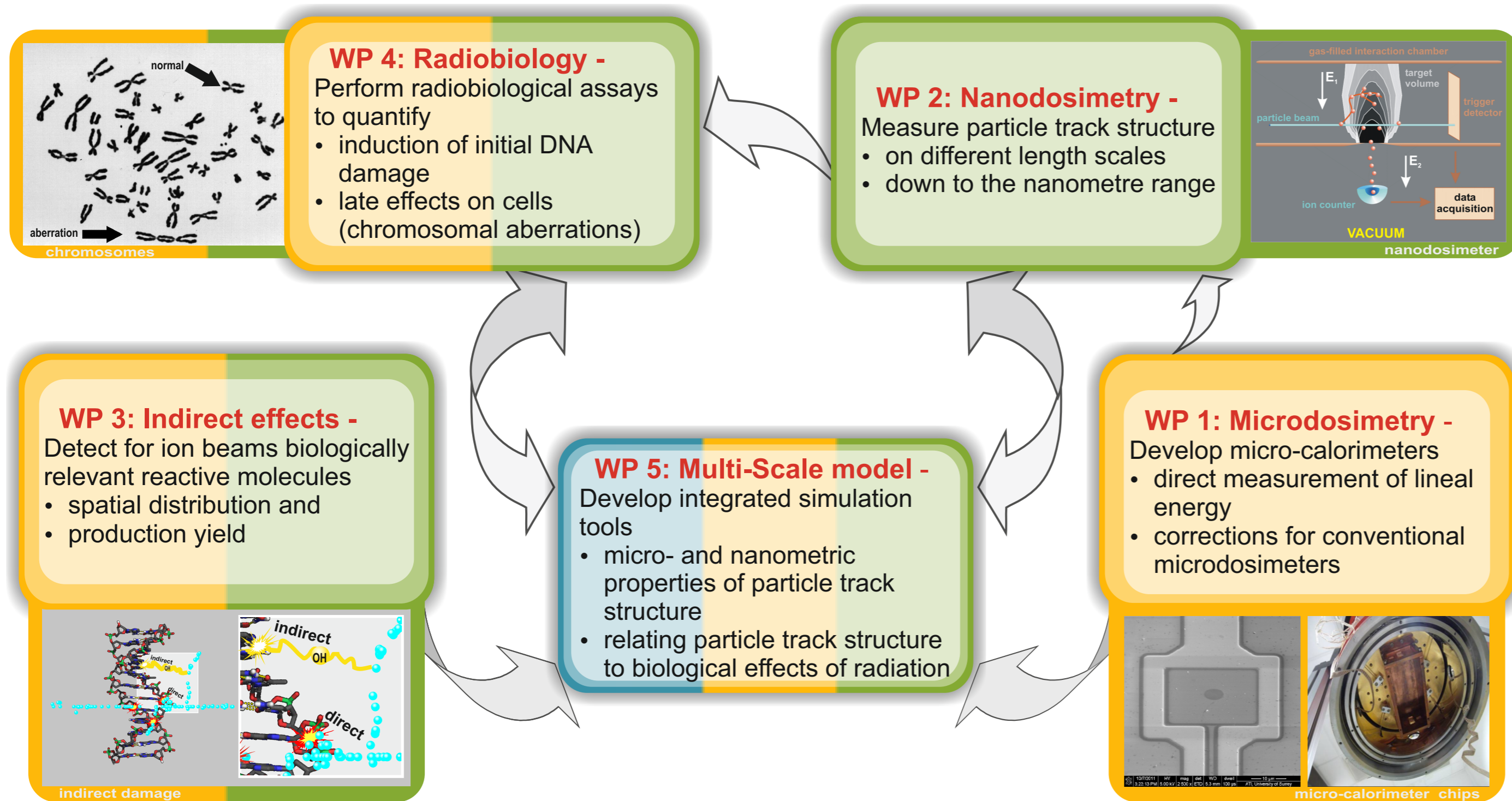


Toward biologically relevant dosimetry

Final dissemination workshop of the EMRP Joint Research Project SIB06
 “Biologically weighted Quantities in Radiotherapy” (BioQuaRT)

Hospital del Mar, Barcelona, 22-23 April 2015

The final workshop of the BioQuaRT project aims at disseminating results of the project to stakeholders in medicine and society and at stimulating further innovation and research within the European community. It is therefore intentionally organised immediately before the 3rd ESTRO Forum which takes place on 24-28 April 2015 in Barcelona.



The Work Packages of the BioQuaRT Project and their interplay

The relevant length scales range from about 2 nm (diameter of the DNA double helix) to about 10 μm (diameter of the cell nucleus). A multi-scale model that relates the characteristics of particle track structure to the biological consequences of radiation interaction has been developed and benchmarked with biological reference data obtained from irradiations of cultured tissue cells with well-characterised single-ion micro-beams.

- ⇒ Participation in the workshop is free of charge. To facilitate the workshop organisation, all interested participants are kindly requested to register online.
- ⇒ Attendees may present posters related to the overall workshop topic.
- ⇒ Detailed information on the workshop and the programme can be found online at: www.ptb.de/emrp/bioquart_2015.html

Workshop Venue:
Sala Josep Marull lecture hall
 Hospital del Mar
 Universitat Pompeu Fabra
 Campus Universitario MAR
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Project Consortium



Collaborators

