



# RENEB – Realizing the European Network in Biosimetry– solution to enhance positive radiation perception in the European society

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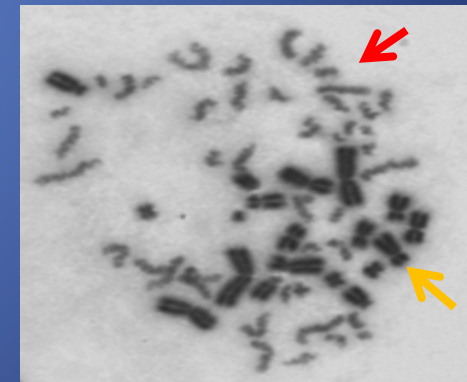
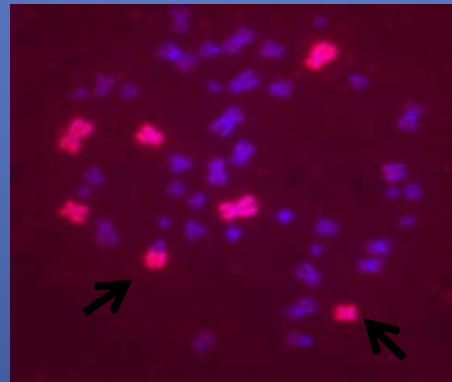
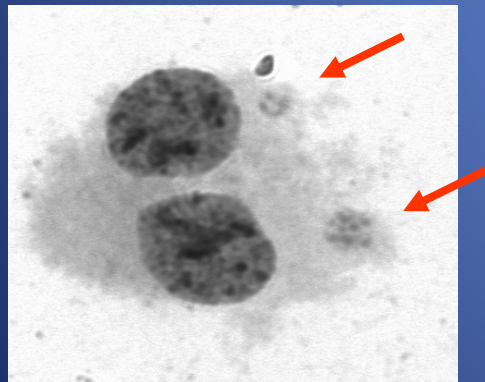
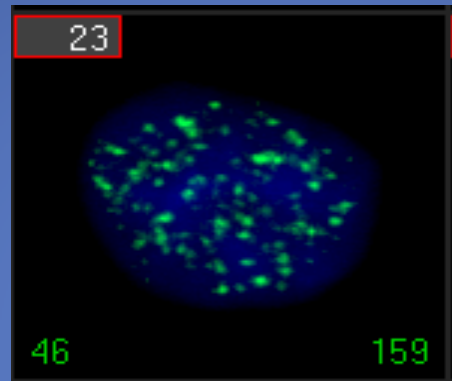
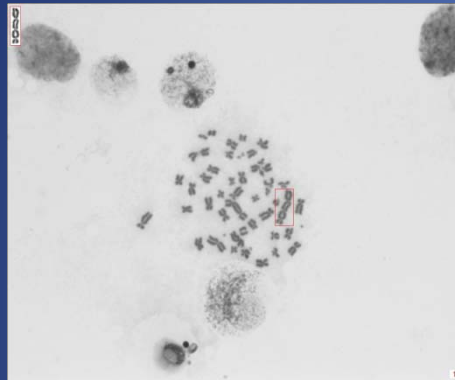
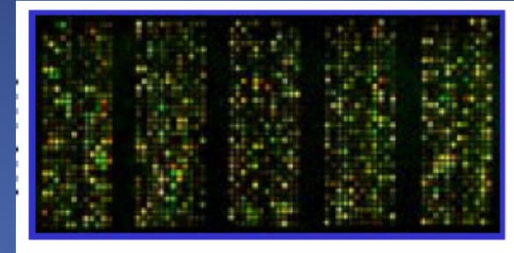
# What is biological dosimetry?



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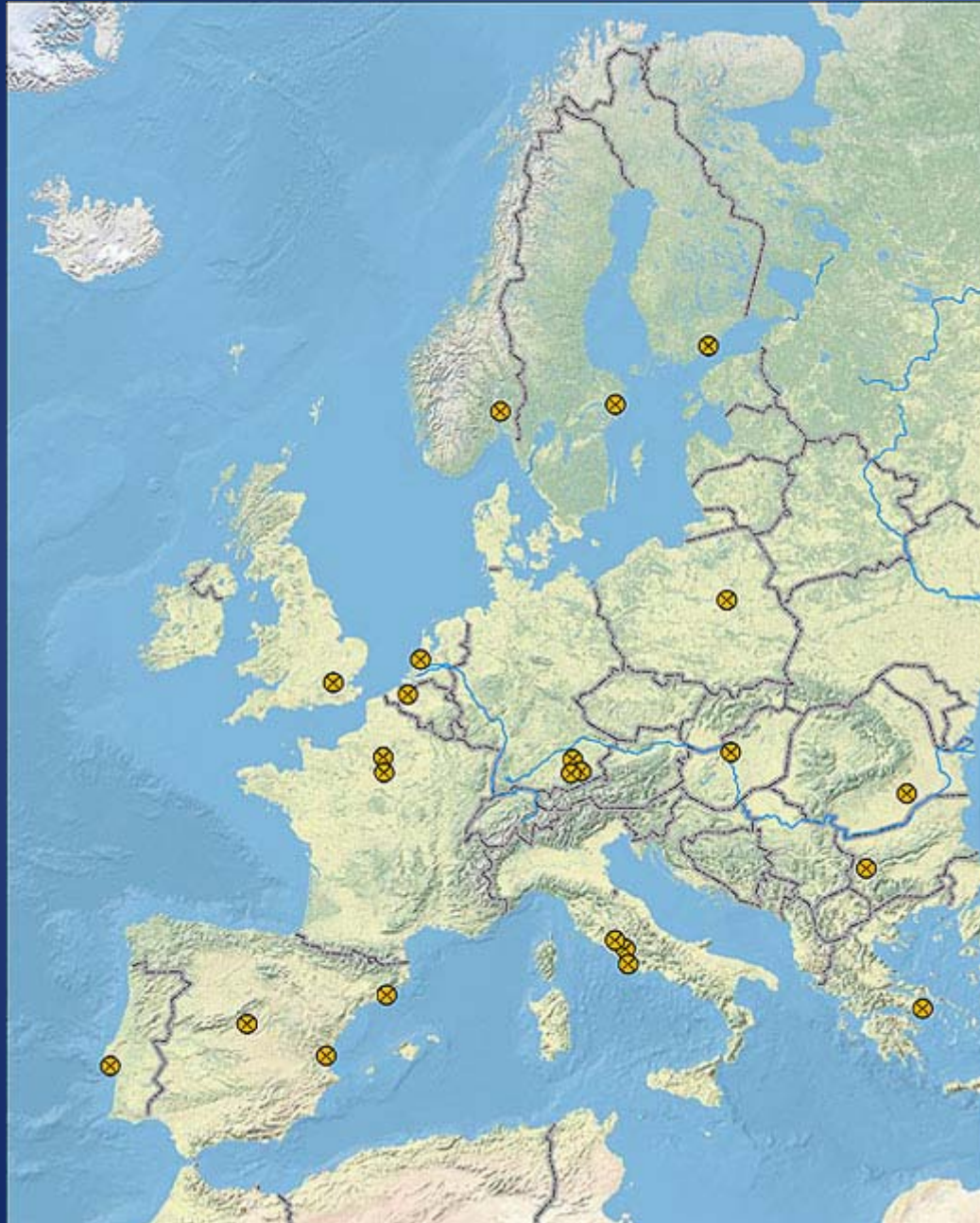
# Variety of methods



## 2 main limitations

- Dose range is limited from 100 mSv till 20-30 Sv – so no low doses range and it is not so accurate when there is low rate dose;





22 partners from 15  
European countries  
and 4 candidate labs

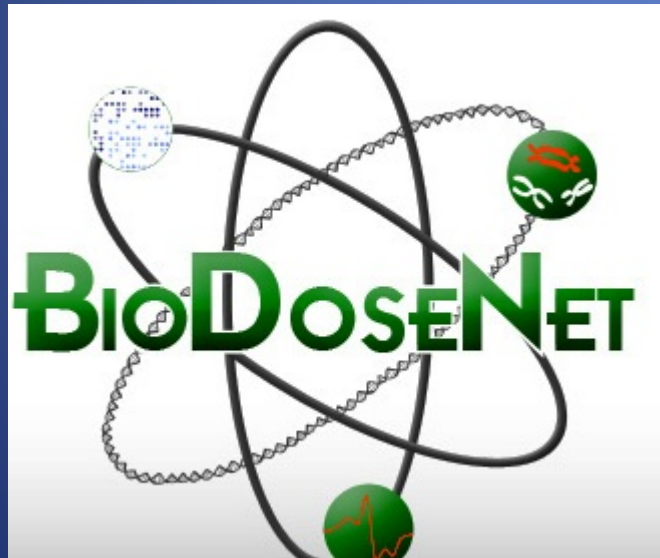


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Network of Biodosimetry



- ❑ The biggest analysing capacity more than 1000 samples a week in a triage mode;
- ❑ The most active and lively;



**RANET**

# Additional value of RENE B

- Expertise in radiation biology;
- QM & QA by intercomparisons and unification of working protocols;
- Huge analytical capacity in some aspects of molecular biology and cytogenetics;



# Enhancing a positive radiation perception

Authorities



Risk communication

Society