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## Oral Session 04

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### O4A

Date / Time : Tuesday, April 23 / 14:00-15:25

Place : 2F, Room A (Grand Ballroom A)

Session Chair : Yasuhisa Oya (Shizuoka Univ., Japan) /

Alexey Golubev (Rosatom, Russian Federation)

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#### O4A.1 14:00-14:25 [I.O]

##### **Differential DNA Damage Response of Embryonic Neural Stem Cells and Fibroblasts after Tritiated Thymidine Contamination**

Sofiane Mokrani, Christine Granotier-Beckers\*, Olivier Etienne, Christian Grisolia, Francois Boussin  
*The French Alternative Energies and Atomic Energy Commission, France*

#### O4A.2 14:25-14:45

##### **The Impact Assessment of Tritium Emissions in Agricultural Plants Using CROPTRIT Model**

Anca Melintescu\*

*Horia Hulubei National Institute for Physics and Nuclear Engineering, Romania*

#### O4A.3 14:45-15:05

##### **Tritium Releases to the Environment from the ESS Facility: Assessment of the Impact and Monitoring Strategy**

Ene Daniela<sup>1\*</sup>, Rodolfo Avila<sup>2</sup>, Sigrid Kozielski<sup>1</sup>

<sup>1</sup>*The European Social Survey, Sweden*, <sup>2</sup>*2AF Energy (Nuclear), Sweden*

#### O4A.4 15:05-15:25

##### **Measurement of Tritium Trapped in Natural Soil by Microwave Assisted Acid Dissolution Method**

Kazunari Katayama\*, Daiki Ishii, Toshiharu Takeishi, Satoshi Fukada

*Kyushu University, Japan*