

Scientific and Citizen Forum



on the Genetic Effects of Ionizing Radiation

Geneva

29th November 2014

from 8.30 am till 6 pm

Entrance free

**Simultaneous interpretation
English/French**

Please register in advance:

Information/Registration

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The Forum will be held at the
Ecumenical Centre
150 route de Ferney

How to get to the Forum
Bus N° 5 from Geneva train station
(Cornavin)
Direction Airport
Bus stop : "Crêts - de - Morillon"
(Request stop)

By car:
Parking at the Ecumenical Centre

www.independentwho.org

The genome : humankind's most precious treasure

« The genome is the most valuable treasure of human kind. It determines the life of our descendants and the harmonious development of the future generations.

As experts, we confirm, that the health of future generations is threatened by the expansion of the nuclear industry and the growth of the quantity of radioactive sources. We also consider the fact of appearance of new mutations observed in people to be fatal for them and for their descendants. »

This is how, in 1956, the expert group on genetics at the WHO, including H.J. Muller, Nobel Prize winner, assessed the threat that ionising radiation represented to the human genetic legacy. No scientific proof has emerged since 1956 to contradict this position. On the contrary, later studies indicate that the dangers had been underestimated.

For more than half a century, the health consequences of nuclear accidents, like Chernobyl and Fukushima, and nuclear activities as a whole, have been hidden from the general public. The World Health Organisation (WHO) is complicit in this cover-up. The main reason for the cover-up is the subordination of WHO to the nuclear establishment, and in particular to its mouthpiece, the IAEA.

In the face of this complete denial of the negative biological effects of radioactive contamination, we have taken upon ourselves the task of making known to those members of the public who want to know the truth, the current state of research led by internationally renowned scientists, at this **Scientific and Citizen Forum on the Genetic Effects of Ionising Radiation**. It follows the first **Scientific and Citizen Forum on Radioprotection - from Chernobyl to Fukushima**, that we organised, with the support of the city of Geneva in particular, on 12th-13th May 2012, the proceedings of which were published in March 2013 (downloadable from our site).

This Forum is organised by the Collective **IndependentWHO - Health and Nuclear Power** that is fighting to ensure that WHO fulfils, completely independently, its mandate in the field of ionising radiation.

IndependentWHO has maintained a silent vigil in front of the WHO headquarters in Geneva, every working day, since 26th April 2007. It has held a similar vigil in Paris, every Friday, in front of the Ministry of Health, since November 2012.

**Saturday 29th November 2014
Morning**

8.30 am **Welcome**

9.00 am **Introduction to the Forum**

9.10 am **Dr Inge Schmitz-Feuerhake**,
*German Society of Radiation Protection,
Member (retired), University of Bremen,
Germany*

**Immediate and delayed genetic
effects of ionizing radiation through
irradiation and contamination**

(Question and Answer Session)

9.55 am **Dr Yuri Dubrova**, *Department
of Genetics, University of Leicester, United
Kingdom*

**Summary of past and present
studies on the genetic effects of
ionising radiation, including an
overview of recent technological
advances in this area, and of
transgenerational effects of
parental exposure to mutagens**

(Question and Answer Session)

10.40 am Coffee/tea break

11.00 am **Dr Wladimir Wertelecki**,
*Formerly of the Department of Medical
Genetics and Birth Defects, University of
South Alabama, USA
President of the Board of the OMNI-Net
Ukraine Child Development Programmes*

**Abnormal levels of incorporated
ionizing radiation among pregnant
women and high rates of
malformations in infants in Ukraine**

(Question and Answer Session)

11.45 am **Dr Keith Baverstock**,
*Department of Environmental Sciences,
University of Eastern Finland, Finland*

**The role and potential
consequences of genomic
instability induced by
environmental stressors**

(Question and Answer Session)

12.30 pm Lunch

**Saturday 29th November
Afternoon**

2.00 pm **Dr Timothy Mousseau**,
*Professor of Biological Sciences, University
of South Carolina, USA*

**Biological consequences of
radiation in the environment for
individuals, populations and
ecosystems : lessons from
Chernobyl and Fukushima**

(Question and Answer Session)

2.45 pm **Chiyo Nohara**, *University of
Okinawa, Japan*

**The biological impacts of the
Fukushima nuclear accident on the
pale grass blue butterfly**

(Question and Answer Session)

3.30 pm Coffee/tea break

4.00 pm **Question and Answer
Session**

5.50 pm **Conclusion**

Ruth Stégassy, presenter of the
programme "Terre à Terre" on Radio
France Culture, will moderate this
forum.

This Forum is supported financially by :



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This Forum is organised with the support
of the City of Geneva