

## **Professor Yury Grigoriev calls for order and the world needs to listen:**



**Professor Yury Grigoriev**

### **"Man conquered the Black Plague, but he has created new problems - EMF pollution"**

The Russian National Committee on Non-Ionizing Radiation Protection has agreed to provide a detailed report for the world containing clear information on the most important Russian research results in RF/EMF radiation over the past 50 years.

RF/EMF researchers and environmental activists, Eileen O'Connor, Director for the UK Radiation Research Trust charity and Sissel Halmøy, Chairman for the International EMF Alliance and Secretary General for the Citizens' Radiation Protection in Norway recently returned from a trip to meet with top scientists at the Russian Federation.

Halmøy said: "According to the RNCNIRP, the following health hazards are likely to be faced by children who use mobile phones in the near future: disruption of memory, decline of attention, diminishing learning and cognitive abilities, increased irritability, sleep problems, increase in sensitivity to the stress, increased epileptic readiness. Action must be taken immediately to adopt biologically based guidelines to protect children." Current standards are based more on engineering needs than biological studies.

O'Connor said "The Russian report is a gift to the world. The UK Radiation Research Trust will present the report in the Autumn to the Rt Hon Iain Duncan Smith MP and will be forwarded to the UK Chief Medical Officer, Professor Dame Sally Davies."

She added "Russian scientists are advanced in their knowledge on RF/EMF radiation and have extended the hand of friendship and are willing to share their expertise and knowledge. I hope decision makers from the western world accept this great honour and work together."

Russian research offers crucial and important aspects of developmental relevance that conveys a sense of urgency for the global RF/EMF framework. Without it, national governments may not be able to ensure the health of future generations are protected, especially that of our children.

Russian warnings exist urging pregnant women to avoid using mobile phones entirely along with children under eighteen. Likewise, Germany, India, the United Kingdom, Israel, Finland, Belgium and Toronto, Canada, have issued health warnings for children to not use mobile phones, or for

emergency use only. Unfortunately, most children, parents, doctors and teachers are not aware of this important information.

Furthermore, in May 2011 the World Health Organisation and IARC issued a classification stating that radio frequency - electromagnetic fields are possibly carcinogenic to humans (group 2B). This warning is issued not only for mobile phones and phone masts, but for Wi-Fi, smart meters, wireless computers and all applications of technology on the RF/EMF Spectrum (radio-frequency radiation to electromagnetic radiation.)

Chairman of Russian National Committee on Non-Ionizing Radiation Protection, member of International Advisory Committee of WHO "EMF and Health" Professor Yury Grigoriev said: "The brain is a critical organ. Vital brain structures are under EMF exposure daily when using a mobile phone. The brain is made up of permanent complex biophysical processes and vital functions. We need to take care with mobile phones and use distance and reduce time. Children should use mobile phones for emergencies only and also use hands free."

Deputy Chairman, Russian National Committee on Non-Ionizing Radiation Protection, Professor Oleg Grigoriev said: "We need correct control and assessment of electromagnetic pollution. There are currently a lot of new frequencies containing modulation and no one knows the results which could be a serious problem."

Russian scientists are also warning countries throughout the world including ministries of health and other organizations, responsible for the population safety (including children), to pay attention to the regulation of mobile phones and Wi-Fi use in kindergardens and are recommending the usage of wired networks in schools and educational institutions, rather than a network using wireless broadband systems, including Wi-Fi.

The Russians stand by their solid research which has consistently shown that prolonged exposure to RF/EMF radiation disturbs cognitive function.

For protection from RF/EMF non-ionizing radiation, many countries have adopted a set of guidelines provided by private group of industry-friendly scientists known as ICNIRP. The ICNIRP guidelines are for short-term, acute thermal RF/EMF exposure. The current ICNIRP, IEEE standards are based on the preconceived and out dated view of government authorities that the only possible established biological effect of RF/EMF exposure is tissue heating.

The Russian standards are supported by science as a result of extensive research and take into account the dangers of non-thermal exposure. The standards are also backed by the Russian Ministry of Health and are a small fraction of what is allowed by ICNIRP and the IEEE which is currently adopted in many countries.

Research clearly underlines the need for action on mobile phones and wireless technology. We need to launch global government backed hard-hitting advertising campaign especially for children, and large health warnings should be clearly visible on all RF/EMF emitting equipment. Mass media campaigns can also create awareness.

O'Connor said: "I am grateful to the Rt Hon Iain Duncan Smith for offering to submit the Russian report to the UK Chief Medical Officer and hope that Government and health agencies worldwide listen to concerns raised by Russian and independent scientists and urgently adopt health based RF/EMF standards to protect human health. We need to provide as swift solution to this problem as soon as possible. We simply cannot afford to wait."

Russian scientists recognise the value of non-Government groups in discussion and research. Deputy Chairman, Russian National Committee on Non-Ionizing Radiation Protection, Professor Oleg

Grigoriev said: "We need to include non-Government groups in discussion and research. Non-Government groups play an equal importance to Government and the scientific community. NGO's are a new power and are representing people with electrosensitivity (ES) and should be an equal player."

He added that "If the decisions are not made together with the NGOs, then decisions may have no value."

The UK Radiation Research Trust, Citizens' Radiation Protection in Norway and International EMF Alliance are calling for the Governments to engage with NGO's and Independent (non-telecommunications funded) scientists.

**It's time for action!**

**Professor Oleg Grigoriev**, *Head of Department of Non-Ionizing Radiation,*

Federal Medical Biophysical Center of Federal Medical Biological Agency of Russia

*Deputy Chairman,* Russian National Committee on Non-Ionizing Radiation Protection

*Director,* Center for Electromagnetic Safety

**Professor Yuri Grigoriev**, Chairman of Russian National Committee on Non-Ionizing Radiation Protection, a member of Int. Advisory Committee of WHO "EMF and Health"

**Sissel Halmøy**, Secretary General for the Citizens' Radiation Protection in Norway [www.stralevern.org](http://www.stralevern.org) and founder and Chair of International EMF Alliance <http://www.iemfa.org>

**Eileen O'Connor**, Founder and Board member for the International EMF Alliance and

Director of UK EM Radiation Research Trust [www.radiationresearch.org](http://www.radiationresearch.org)

**Contact:**

Eileen O'Connor

Email [Eileen@radiationresearch.org](mailto:Eileen@radiationresearch.org)