ICNIRP: Published Research on Conflicts of Interest and Lack of Protection

The International Commission for Non-ionizing Radiation Protection- an invite only club with longstanding industry ties that is accountable to no one.

ICNIRP is short for the International Commission for Non-ionizing Radiation Protection. ICNIRP is an invite only, small group of just 14 members that has no oversight. It was founded by scientist Michael Repacholi who was funneling industry money though a hospital to fund his EMF activities and is now an industry consultant. Repacholi remains an ICNIRP Emeritus Member.

ICNIRP – with its impressive sounding name – is de-facto the standard setting so called "authority" when it comes to answering the question of "what is safe" regarding wireless and powerline frequency extremely low frequency non-ionizing radiation. It does not represent "consensus" as it is made of just up to 14 people.

"ICNIRP can, and should, be considered as a "private club" where, members of the new Main Commission are selected by the members of the outgoing Main Commission. It is a self-perpetuating and self-promoting German NGO that is not accountable for its actions at all. Nobody controls it. Nobody supervises it. Nobody checks it for conflicts of interests. Nobody checks it for the scientific accuracy. In all what and how ICNIRP does we, the general public, must rely on the self-assurances, from the ICNIRP, that all is in order." –Dr. Dariuz Leszczynski on ICNIRP

List of Published research on ICNIRPs Industry Ties

- Aspects on the International Commission on NonIonizing Radiation Protection (ICNIRP) 2020 Guidelines on Radiofrequency Radiation published in the Journal of Cancer Science and Clinical Therapeutics 5 (2021) by Hardell et al. states the conclusion by ICNIRP in their limits are " not objective and lack scientific credibility according to a research report that investigated ICNIRP commissioned by two European Parliament Members published in June 2020 [58]. Industry funding has been found to influence the results on research on RF radiation and health effects. However, ICNIRP does not take this into account although ICNIRP members themselves have reported that industry-funded scientific research seems to influence the results by reporting less

findings showing adverse health effects of EMF compared to independent research." ICNIRP's conclusion [48] on cancer risks is…not correct and is contradicted by scientific evidence. Abundant and convincing evidence of increased cancer risks and other negative health effects are today available. The ICNIRP 2020 guidelines allow exposure at levels known to be harmful. In the interest of public health, the ICNIRP 2020 guidelines should be immediately replaced by truly protective guidelines produced by independent scientists."

- Molecular and Clinical Oncology published "Appeals that matter or not on a moratorium on the deployment of the fifth generation, 5G, for microwave radiation" in 2020 detailing how ICNIRP is referred to as "a private German non-governmental organization. ICNIRP [that] relies on the evaluation only of thermal (heating) effects from RF radiation, thereby excluding a large body of published science demonstrating the detrimental effects caused by non-thermal radiation."
- Oncology Letters published " Health risks from radiofrequency radiation, including 5G, should be assessed by experts with no conflicts of interest" "There seems to be a cartel of individuals monopolizing evaluation committees, thus reinforcing the no-risk paradigm. We believe that this activity should qualify as scientific misconduct." The International Commission on Non-Ionizing Radiation Protection (ICNIRP) has repeatedly ignored scientific evidence on adverse effects of RF radiation to humans and the environment. "All countries should declare a moratorium on 5G until independent research, performed by scientists without any ties to the industry, confirms its safety or not. 2G, 3G, 4G and WiFi are also considered not to be safe, but 5G will be worse regarding harmful biological effects.
- Dr. Lennart Hardell published "World Health Organization, radiofrequency radiation and health – a hard nut to crack (Review)" in the International Journal of Oncology documenting the industry support of the WHO EMF Project and ICNIRP and how the groups share members. "Of note, evidence has been published (52) which indicated that members of ICNIRP have written scientifically incorrect and misleading information. It is unknown if WHO has responded to this evidence of suggested scientific misconduct."
- Reviews on Environmental Health published "Inaccurate official assessment of radiofrequency safety by the Advisory Group on Non-ionising Radiation" detailing the conflicts of interest with Pubic Health England's Advisory Group on Non-ionising Radiation and ICNIRP. The paper concludes, "PHE and AGNIR had a responsibility to provide accurate information about the safety of RF fields. Unfortunately, the report suffered from an incorrect and misleading executive summary and overall conclusions, inaccurate statements, omissions and conflict of interest. Public health and the well-being of other species in the natural world cannot be protected when evidence of harm, no matter how inconvenient, is covered up."
- The article Not Entirely Reliable: Private Scientific Organizations and Risk Regulation–The Case of Electromagnetic Fields published in European Journal of Risk Regulation by Pascual, G. D. (2013) states that "Private scientific organizations exert a great deal of influence in the regulation of some technological risks. The high level of expertise of their members is arguably a good reason for them to participate in making and monitoring risk regulations, in order to adjust these to scientific progress.

Nevertheless, there are also sound reasons why governments shouldn't uncritically follow the views expressed by such organizations. Taking the role played by the International Commission on Non-Ionizing Radiation Protection in the regulation of electromagnetic fields as an illustrative example, this paper shows that private scientific organizations such as these are structurally less well suited than democratic authorities when it comes to managing those risks."

- A important paper was published in *Health Physics* in 2020 by longtime NIH scientist Dr. Ronald Melnick entitled "ICNIRP'S Evaluation of the National Toxicology Program's Carcinogenicity Studies on Radiofrequency Electromagnetic Fields" addressing numerous criticisms of the NTP findings. Melnick documents one by one how these criticisms include false claims and "several incorrect statements that appear to be written to justify retaining exposure standards that were established more than 20 years ago." He presents the scientific documentation that each of these criticisms are unfounded stating "ICNIRP's misrepresentation of the methodology and interpretation of the NTP studies on cell phone RF radiation does not support their conclusion that "limitations preclude drawing conclusions about carcinogenicity in relation to RF EMFs."
- The study Lost opportunities for cancer prevention: historical evidence on early warnings with emphasis on radiofrequency radiation published in Reviews on Environmental Health states that a "lack of proper unbiased risk evaluation of the 5G technology makes adverse effects impossible to be foreseen. This disregard is exemplified by the recent report from the International Commission on non-ionizing radiation protection (ICNIRP) whereby only thermal (heating) effects from RF radiation are acknowledged despite a large number of reported non-thermal effects." The International Commission on Non-Ionizing Radiation Protection (ICNIRP) is a private non-governmental (NGO) organization registered in Munich, Germany. ICNIRP appoints its own members and is closed to transparency. It was started in 1992 with the biophysicist Michael Repacholi as the first chairman, now emeritus member. ICNIRP has published three articles with guidelines on RF-EMF exposure [86], [89], [90]. Only thermal (heating) effects from RF radiation are recognized, thereby excluding all studies showing harmful effects at lower non-thermal intensities. In contrast to ICNIRP, some other expert panels such as European Academy of Environmental Medicine [91], the Bioinitiative group [92], and the Russian Commission for Protection from Non-Ionizing Radiation [93], take into account non-thermal RF effects and suggest much lower guidelines for RF exposure."

ICNIRP Has No Oversight

ICNIRP has up to 14 Commissioners and they only allow in new Commissioners they nominate. It is generally the same group of people for years, shifting positions. For example, Eric Van Rongan started consulting to ICNIRP in 2001, was brought in as Commissioner in 2010, was Chair in 2016, and Vice Chair in 2021. Rodney Croft Joined ICNIRP's "Biology Standing Committee 2008" and Main Commission in 2012. Rodney Croft has been ICNIRP Chair since May 2020. Conflicts of Interest (COI) statements do not exist online for those on "Committees" and the COIs now posted for Commissioners only go back a few years which hides the reality

that may ICNIRP members have years of industry connected funding, and regularly publish with industry supported authors. Theodora Scarato, Executive Director of EHT has repeatedly written ICNIRPfor clarification on many matters related to transparency and the scientific documentation for their limits and never receded a full response to her questions.

“The International Commission on Non-Ionizing Radiation Protection (ICNIRP) is a private non-governmental (NGO) organization registered in Munich, Germany. ICNIRP appoints its own members and is closed to transparency. It was started in 1992 with the biophysicist Michael Repacholi as the first chairman, now emeritus member. ICNIRP has published three articles with guidelines on RF-EMF exposure [86, 89, 90]. Only thermal (heating) effects from RF radiation are recognized, thereby excluding all studies showing harmful effects at lower non-thermal intensities. In contrast to ICNIRP, some other expert panels such as European Academy of Environmental Medicine [91], the Bioinitiative group [92], and the Russian Commission for Protection from Non-Ionizing Radiation [93], take into account non-thermal RF effects and suggest much lower guidelines for RF exposure. ICNIRP has managed to get collaborative status with WHO, as discussed previously [88]. The aim is to harmonize the RF-radiation guidelines all over the world. For that purpose ICNIRP has been successful. The guidelines are set to allow very high exposure levels so that the deployment of this technology is not hampered, in favor for industry but at disadvantage to human health and environment. In fact, the ICNIRP guidelines have never been challenged by industry in peer-reviewed articles, which must be taken as a greencard for acceptance by industry. ” – Lost opportunities for cancer prevention: historical evidence on early warnings with emphasis on radiofrequency radiation”

Investigate Europe Refers to ICNIRP as a “Cartel”

A “close knit” “small circle of insiders who reject alarming research” according to Investigate Europe.

As part of a 3 part investigation called, “The 5G Mass Experiment,” Investigate Europe, a team of investigative journalists from the European Union examined the risks of deployment of 5G, and the adequacy of electromagnetic field (EMF) safety guidelines promoted by ICNIRP. Their investigation details how ICNIRP is industry tied and plagued with conflicts of interest.In “How Much is Safe” Investigate Europe details the incestuous relationship between ICNIRP, the WHO EMF Project and other authoritative groups. “ICNIRP is the de facto standard-setter of radiation safety limits in much of Europe. Still, it is just one out of several scientific groups. The groups, however, are to a remarkable degree staffed by the same experts.”

Of 13 ICNIRP scientists, six are members of at least one other committee. In the WHO group, this applies for six out of seven. Every third researcher in the EU commission that gave radiation advice in 2015 was represented in other groups. The journalists identified a group of fourteen scientists who either helped create, or defend, the EMF exposure guidelines disseminated by ICNIRP, a non- governmental organization (NGO) based in Germany.
“The ICNIRP Cartel: Who’s Who in the EMF Research World,” an interactive graphic developed by Investigate Europe details the revolving door betwen ICNIRP the WHO EMF Project.

“ICNIRP scientists argue that the thousands of peer-reviewed studies that have found harmful biologic or health effects from chronic exposure to non-thermal levels of EMF are insufficient to warrant stronger safety guidelines. The journalists argue that the cartel promotes the ICNIRP guidelines by conducting biased reviews of the scientific literature that minimize health risks from EMF exposure. These reviews have been conducted for the World Health Organization (WHO) and other government agencies. By preserving the ICNIRP EMF exposure guidelines favored by industry, the cartel ensures that the cellular industry will continue to fund health effects research. – Joel M. Moskowitz, Ph.D., Electromagnetic Radiation Safety, February 11, 2019

- 5G The Mass Experiment (Part 1)
- How Much is Safe? Finances Effect Research (Part 2)
- Real 5G issues overshadowed by Covid-19 conspiracy theories (Part 3)

The Cartel Activity “Qualifies As Scientific Misconduct”

Lennart Hardell and Michael Carlberg published “Health risks from radiofrequency radiation, including 5G, should be assessed by experts with no conflicts of interest” detailing how the independent evaluations of RF radiation health risks are ignored by ICNIRP and other closely connected groups. ” Conflicts of interest and ties to the industry seem to have contributed to the biased reports. The lack of proper unbiased risk evaluation of the 5G technology places populations at risk. Furthermore, there seems to be a cartel of individuals monopolizing evaluation committees, thus reinforcing the no-risk paradigm. We believe that this activity should qualify as scientific misconduct.”
Listen to Dr. Hardell describe the conflicts of interest between ICNIRP, the WHO EMF Project and other groups in the video below from his talk to in Tallinn in June 3, 2019 (kiirgusinfo.ee).

European Parliament Member Report: ICNIRP Under the Influence of Industry

A 2021 report released by European Members of Parliments Michèle Rivasi (Europe Écologie) and Dr. Klaus Buchner (Ökologisch-Demokratische Partei) accuses ICNIRP of being under the influence of the telecommunications industry and ignoring the science showing their harmful effects- specifically with how “the scientific debate has been hijacked by corporate interests from the Telecom industry and conflicts of interest.”
“ICNIRP pretends to be scientifically neutral, and free from vested interests of the Telecom industry. We show with this study that this is ‘playing with the truth’ or simply a lie.”

The report written by Hans van Scharen and edited by Tomas Vanheste and Erik Lambert is entitled, “The International Commission on Non-Ionizing Radiation Protection: Conflicts of Interest, Corporate Capture and the Push for 5G.” (PDF)

The report makes several key points:

- “Employed by industry” is not, in itself, sufficient to avoid conflicts of interest. It is also important to ascertain to what extent ICNIRP research activities may be funded by industry.
- It is clear from ICES minutes that ICNIRP worked very closely with IEEE/ICES on the creation of the new RF safety guidelines that were published in March 2020. And this implies that large telecom-companies such as Motorola and others, as well as US military, had a direct influence on the ICNIRP guidelines, which are still the basis for EU-policies in this domain ….
- From the minutes of a meeting by the IEEE/ICES TC95 working groups at a Motorola headquarters, a few interesting things got clear: ICES-chair Faraone Antonio from ‘Motorola Solutions’ proudly announced that “ICNIRP has delayed finalizing their conclusions to give full consideration of ICES’s recommendations”.
- The majority of ICNIRP-scientists have done, or are doing, research partly funded by industry.

For example see the Link to ICNIRP Commission in 2006

ICNIRP Commissioners Industry Ties

Longtime ICNIRP Chair was Anders Ahlbom later thrown out of the WHO IARC EMF Working Group in 2011 for conflicts of interest because – as Microwave News reports – Ahlbom was found to be a director of his brother’s consulting firm, Gunnar Ahlbom AB-established to help clients on telecom issues, with an emphasis on environmental and energy regulations. Ahlbom failed to mention this sideline in his “Declaration of Interests” that is required of all those who participate in IARC cancer assessments.

By 2014, ICNIRP started posting COI statements LINK to ICNIRP in 2014 but note that there are non posted for Repacholi and the Vice Chair is Maria Feychting, Anders Ahlbom’s protégé. As an Interphone study Principal Investigator (PI) she received money from the Mobile Manufacturers Forum and the GSM Association. As a COSMOS study PI she has received funds from TaliaSonera, Ericsson AB, Telenor. As a co-investigator on a childhood leukemia study she received funding from the Electric Power Research Institute (EPRI). She also participated in projects funded by the Swiss Research Foundation on Mobile Communication of Zurich. Among the five founders of this organization are Swisscom (a Swiss telecommunications company, telephony and mobile telephony, and Internet service provider), Orange, Sunrise (a Swiss telecommunications provider based in Zurich), and 3G Mobile (liquidated in 2011). As the way back machine did not save the COI statements we cannot review them.

A brief look at the Scientific expert group See link to ICNIRP SEG in 2014 finds industry tied researchers like Leeka Kheifets who has been funded by Electric Power Research Institute and has participated in projects funded by the Swiss Research Foundation on Mobile Communication de Zurich. Among the five founders of this organization are Swisscom a Swiss telecommunications company, telephony and mobile telephony and Internet service provider;

Orange; Sunrise, a Swiss telecommunications provider based in Zurich; and, 3G Mobile, which was liquidated in 2011).

Furthermore the 2014 ICNIRP features Mats-Olof Mattsson who declares on another Curriculum Vitae that was part of the TeliaSonera (Telecom company) Scientific Advisory Board in 2009, to Andrew Wood who stated in his 2017 ICNIRP COI that he has in kind support from Telstra in his research department and Marvin Ziskin known to be funded by industry for his current research.
5G is testing the limits of trust by Dariusz Leszczynski, Medium, Apr 13, 2021
"For the majority of users of wireless technology, ICNIRP is merely an acronym. They hear that ICNIRP claims to be about science only, void of any influences, be it from the industry or from government radiation regulatory bodies. However, not many users are aware of how ICNIRP operates in practice. Consider:

1. ICNIRP is a group of about a dozen scientists who claim not to represent anyone else but themselves.
2. ICNIRP claims to be void of any lobbying influence from the industry and from the national radiation protection organizations.
3. Retiring members of ICNIRP are replaced by new members who are selected by current members.
4. ICNIRP's selection criteria, and their justifications for selecting particular new members, are not publicly available. Only ICNIRP members know why a person has been selected to join their group.
5. ICNIRP is not responsible to any entity for the scientific decisions they make.
6. No one has controls over how ICNIRP arrives at their recommended safety guidelines.
7. There is no oversight of ICNIRP's activities by anyone.
8. ICNIRP has no legal responsibility for their scientific opinions."

and

"However, interestingly and worryingly, ICNIRP Chairman Rodney Croft, Professor of Psychology at the University of Wollongong in Australia, has recently stated in an interview with "The Feed" on Australian TV on June 16, 2020:
"There is no harm associated with 5G"
"Look, it's very true that the amount of studies that specifically look at 5G are very limited, but from a science perspective that just isn't relevant"
In summary,

- ICNIRP is an organization that functions without any control or oversight, either scientific or legal.
- There is no control over whether or not telecom industry or national radiation protection organizations are actively lobbying ICNIRP.
- ICNIRP trivializes the lack of research on 5G millimeter-waves and health, as expressed by the ICNIRP Chairman.
- The opinions expressed and decisions made by ICNIRP members are considered not sufficiently science-based by national science groups in several countries, as well as a number of prominent scientists.

- While members of ICNIRP do not have any legal responsibility for their scientific opinions, the telecom industry that uses ICNIRP safety guidelines for their products does have legal responsibility should their devices cause health harm.

In this scientifically and legally complex situation, there is an urgent need to perform an independent validation of the results of ICNIRP's review of science and of the validity of the ICNIRP safety guidelines."
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ICNIRP Was Founded by An Industry Funded Scientist

As detailed by Dr. Hardell in his International Journal of Oncology article, the biophysicist Michael Repacholi from Australia was the first chairman of ICNIRP in 1992 and is still Member Emeritus. He also founded the EMF Project of the World Health Organization via industry funds. "Michael Repacholi immediately set up a close collaboration between WHO and ICNIRP (being head of both organizations) inviting the electric, telecom and military industries to meetings. He also arranged for large part of the WHO EMF project to be financed by the telecommunication industry's lobbying organisations; GSM Association and Mobile Manufacturers Forum, now called Mobile & Wireless Forum (MWF) (51) in addition to WHO, see the International EMF Project, Progress Report June 2005–2006 IAC_Progress_Report_2005-2006.

"Repacholi acted like a representative for the telecom industry while responsible for the EMF health effects department at the WHO (See http://microwavenews.com/news/time-stop-who-charade) Since he left WHO in 2006 he has been involved in industry propaganda video interviews with GSM Association and Hydro Quebec where he clearly speaks in favor of the telecommunications and the power industries, respectively. "

Watch Michael Repacholi present on why the public should not be concerned about wireless in the video below.

Money Laundering by The Telecom Industry

"ICNIRP funding partly comes from government regulatory bodies, such as, for example, the Australian Radiation Protection & Nuclear Safety Agency (ARPANSA). What is actually going on is best described as 'money laundering' by the Telecom industry through government (ARPANSA) and onto WHO's International EMF Project and ICNIRP" – Oceania Radiofrequency Scientific Advisory Association as quoted in the European Parliament Member Report

The European Parliament Member Report on ICNIRP details several of the ways that industry money supports ICNIRP and other government authorities. For example, in Australia, not only does a tax on telecommunications companies get earmarked for the funding of the Australian Radiation Protection & Nuclear Safety Agency but Public Information Requests reveal quite clearly that the Telecom group AMTA is the funder for the research on electromagnetic radiation

administered by National Health and Medical Research Council. The PIAs also reveal that ARPANSA considers itself “part of ICNIRP”.

According to the Australian research group ORSAA “the money that the Australian NHMRC receives in order to provide grants for medical research has mostly gone to industry-friendly researchers who have direct links with the wireless industry. For example, the largest recipient of this NHMRC research funds is Prof. Rodney Croft. He has essentially been the head of RF-EMR health research in Australia, despite his questionable qualifications for this health research role.” ORSAA explains how Prof. Croft has received ample direct industry funding in addition to his lucrative NHMRC grants.

The telecommunications company Telstra explains their funding of ACRBR /ACEBR/ NHMRC/Swineburne University on their website, “In 2004, Telstra altered its approach to participate in a consortium of leading Australian research institutions to establish a Centre of Excellence in Radio Frequency (RF) EME Research, known as the Australian Centre for RF Bioeffects Research (ACRBR). This centre was funded by the National Health and Medical Research Council (NHMRC). In 2013 a new Centre of Excellence was established called the Australian Centre for Electromagnetic Bioeffects Research (ACEBR). This centre was refunded again in 2019 for a further five-year period. As part of the ACEBR, our ongoing commitment to EME research is also maintained through joint funding of a state-of-the-art RF laboratory at Swinburne University and provision of mobile telecommunications equipment, to support work on RF dosimetry (measurement).”

Fact: Members of ICNIRP such as Croft have a history of recieving financial support from telecommunications company Telstra for their research. Telstra donates their own staff to some of ICNIRP Commissioner's research labs (Telstra staff includes Ray McKenzie, Dr Steve Iskra, Dr Robert McIntosh). Several members of ICNIRP have also received funding from EPRI, the industry consulting arm.

Watch some excerpts from a 2009 investigation into the issue featuring Rodney Croft, now Chair of ICNIRP. VIDEO

Current Funding by the German Government

After years of less than transparant information, and years of telecom funding to scientist Michael Repacholi, information about the current funding of ICNIRP has been somewhat provided. Microwae News covers this issue n his article “ICNIRP’s Principal Patron: Germany “ which details how the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), which is the bureaucratic parent of the Federal Office for Radiation Protection provided 70-80% of ICNIRP support in the last three years. Details of Germany’s support for ICNIRP was provided to Microwave News by the BMU following an information request. ICNIRP also receives an “in-kind-contribution” from the BMU: “free” office space in the BfS. Mocrowave News also reports that among the other agencies that support ICNIRP are: European Union

Programme for Employment and Social Innovation “EaSI” (2014–2020), International Radiation Protection Association (IRPA), Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) and New Zealand Ministry of Health.

Pure Corruption

The bottom line is that a small group of industry tied individuals are making decisions on safety limits used across the world.

ORSAA calls this “pure corruption at a huge cost to public health everywhere. This system of funding and promoting an in-club of industry friendly researchers has kept a small number of people in powerful positions within the WHO, ICNIRP, ARPANSA etc., influencing decision making for most of the world.”

Sowing Doubt is ICNIRP’s Business

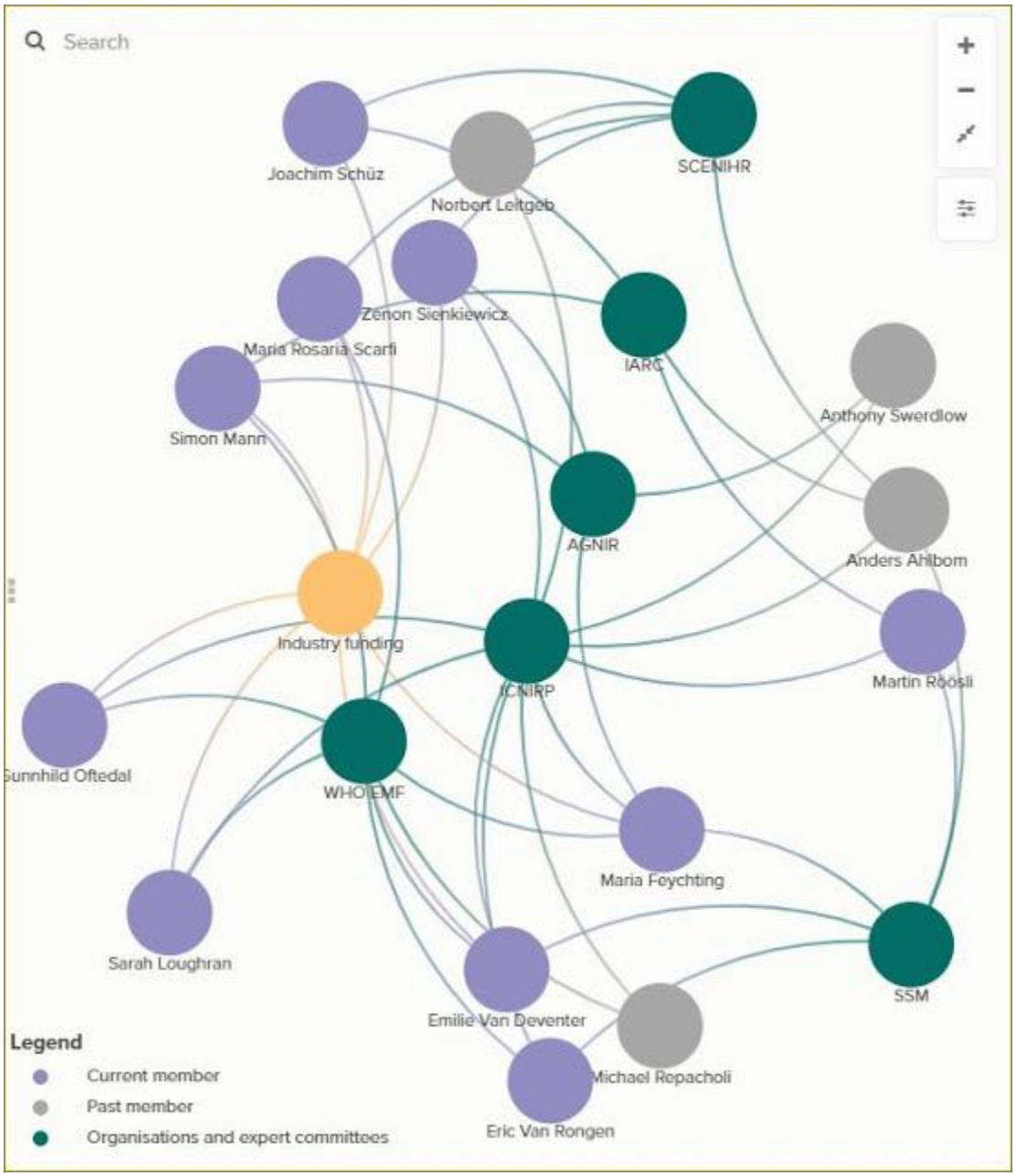
“Sowing doubt is ICNIRP’s business. ..It looks as if ICNIRP is once again used by this industry to enforce its interests, and this time with a method copied from the tobacco industry. By sowing doubt for decades, the tobacco industry succeeded in keeping people unsure about the already certain fact that smoking causes lung cancer. Now the mobile communication industry uses the same tactic, and this with even more dire consequences: the addiction might be comparable, but the number of addicts is by far much higher.” – How the Mobile Communication Industry Deals with Science as Illustrated by ICNIRP versus NTP by Dr. Franz Adlkofer, Pandora Foundation for independent research

2020 France TV Investigation

France Télévisions “5G A Wave of Doubt” was directed by investigative journalist Nicolas Vescovacci and broadcast on France 2 on Thursday, November 12, 2020 investigated the industry ties of members of International Commission on Non-Ionizing Radiation Protection. Currently, the full one hour replay is only available to watch in France, however several video excerpts translated into English are posted online for all viewers in all countries.

- VIDEO CLIP. 5G: Are we protected by the limit values for exposure to electromagnetic waves? Who fixes them?
- VIDEO CLIP. 5G: Are electromagnetic waves the cause of cancer among Atos employees?
- VIDEO CLIP. “Phonegate”: since 2016, a doctor has denounced a general overexposure to cell phone waves
- FULL VIDEO on France Télévisions 5G A Wave of Doubt- (in France ONLY)

“THE ICNIRP CARTEL: WHO’S WHO IN THE EMF RESEARCH WORLD”
Image extracted from an interactive graphic developed by Investigate Europe “The ICNIRP Cartel: Who’s Who in the EMF Research World,” which can be found at https://www.kumu.io/Investigate-Europe/whos-who.



INVESTIGATE EUROPE ARTICLES

The journalists of Investigate Europe did numerous articles on 5G, ICNIRP and the vested interests.

- The ICNIRP “Cartel”
- Dr. Fiorella Belpoggi, Director of Research at the Ramazzini Institute, Italy: A case for caution
- Eric Van Rongen, of the International Commission on Non-Ionising Radiation Protection: “We need more studies on 5G, but it is not ICNIRP’s task to decide that.”
- 5G: How it works and what it does
- Dariusz Leszczynski: ‘G’ forces unleashed with unknown effect
- David Gee, former European Environmental Agency senior adviser: The ‘precautionary principle’ is under-used and should be re-championed
- How much is safe?
- 5G Health Effects
- Michael Repacholi, former coordinator of the WHO’s programme on potential conflict of interest in industry funding research
- Louis Slesin, founder and editor of Microwave News: There are more complicated interactions than the pure thermal ones
- 5G The Mass Experiment (Part 1)
- How Much is Safe? Finances Effect Research (Part 2)
- Real 5G issues overshadowed by Covid-19 conspiracy theories (Part 3)

MICROWAVE NEWS

Louis Slesin of Microwave News has covered ICNIRP for years. Here are some articles to read:

- Germany Supports ICNIRP
- Will WHO Kick Its ICNIRP Habit?
- The Lies Must Stop Disband ICNIRP: Facts Matter, Now More Than Ever

SCIENCE, POLITICS, AND GROUPTHINK

Article By James C. Lin in IEEE EXPLORE
April 13th, 2021 PDF
Lin was formerly in ICNIRP and this article seems to be about this group.
‘Recently, a privately constituted group, with self-appointed membership, published a set of guidelines for limiting exposure to RF electromagnetic fields in the 100-kHz and 300-GHz frequency range [7]. The proposed guidelines were primarily based on the tissue-heating potentials of RF radiation to elevate animal body temperatures to greater than 1° C. While recognizing that the two aforementioned studies [the NTP and Ramazzini Study that found cancer] used large numbers of animals, best laboratory practice, and animals exposed for the entirety of their lives, the private group preferred to quibble with alleged “chance differences” between treatment conditions and the fact that the measured animal body core temperature changes reached 1° C, implying that a 1° C body core temperature rise is carcinogenic, ignoring the RF exposure. The group then pronounced that, when considered either in isolation or within the context of other animal carcinogenicity research, these findings do not provide evidence that RF radiation is carcinogenic.’

“Furthermore, the group noted that, even though many epidemiological studies of RF radiation associated with mobile phone use and cancer risk had been performed, studies on brain tumors, acoustic neuroma, meningioma, and parotid gland tumors had not provided evidence of an increased cancer risk. It suggested that, although somewhat elevated odds ratios were observed, inconsistencies and limitations, including recall or selection bias, precluded these results from being considered for setting exposure guidelines. The simultaneous penchant to dismiss and criticize positive results and the fondness for and eager acceptance of negative findings are palpable and concerning.” – James Lin

ICNIRP INVESTIGATIONS

- The International Journal of Oncology “World Health Organization, radiofrequency radiation and health – a hard nut to crack (Review)”
- Thesis focused on ICNIRP: The Procrustean Approach: An examination of the manipulation of telecommunications standards by political, military, and industrial vested interests at the expense of public health protection.
- Mulerland blog ICNIRP – investigative files, articles, papers, documentaries

MICROWAVE NEWS REPORTS

- ICNIRP’s Principal Patron: Germany
- The Lies Must StopDisband ICNIRP
- “Critique of the ICNIRP Note of September 4, 2018, Regarding Recent Animal Carcinogenesis Studies,” Ron Melnick, September 12, 2018.

Telecom Industry Influence into Cell Phone Science: Educational Webinar Part 1

Dr. Igor Belyaev: The FDA Report on Cell Phone Radiation Runs Counter to the State of S…