

'SMART' PHONES DAMAGE RED BLOOD CELLS

Images from a talk “Beverly Rubik: Wireless Radiation, 5G, the Environment, and Our Health,” <https://www.youtube.com/watch?v=BTFYQoBr7qs> – see at 38 min. in.

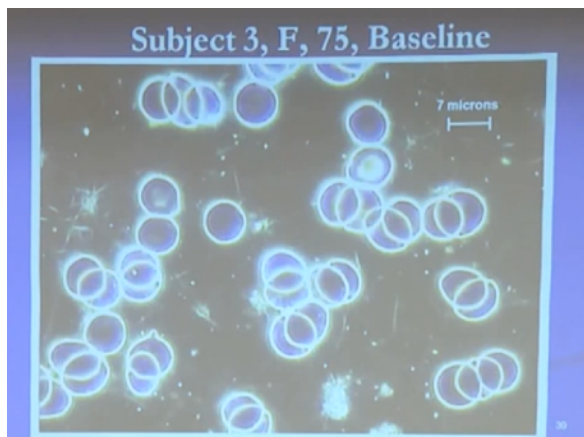
- 'Smart' phone radiation study:**
1. no phone for 4 hours,
 2. phone on, carried in backpack for 45 minutes,
 3. active use of phone for calls and data for 45 minutes.

See Beverly Rubik's background, videos and awards: <https://www.brubik.com>

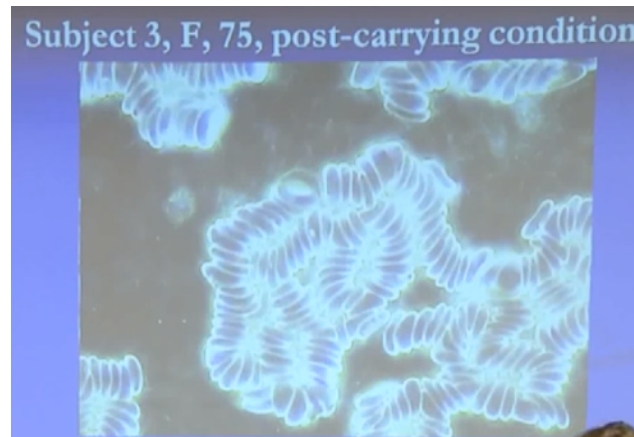
ALSO: A study of 'smart' meter radiation exposures corroborates these results: “Live Blood Analysis - Observable Effects of RF/MW Radiation via Smart Meters,” <https://www.youtube.com/watch?v=y4JDEspdx58>, 2:42 minutes.

and [EMF Medical Conference, Pre-Conference Lecture 2](https://vimeo.com/showcase/1062451/video/862709610) (<https://vimeo.com/showcase/1062451/video/862709610>): regarding cardiac arrests see “Live Blood” 18 min. in.

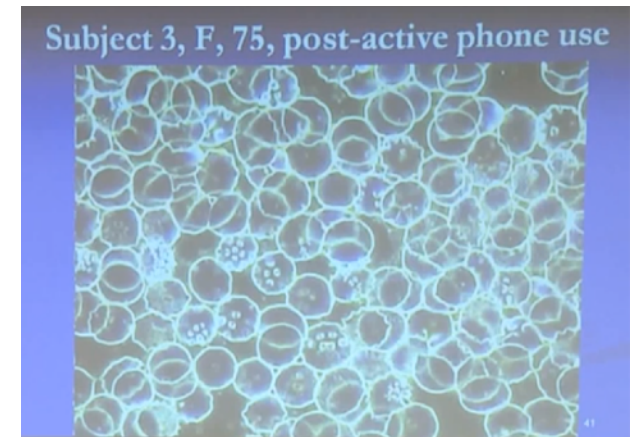
Subject 3, female, 75



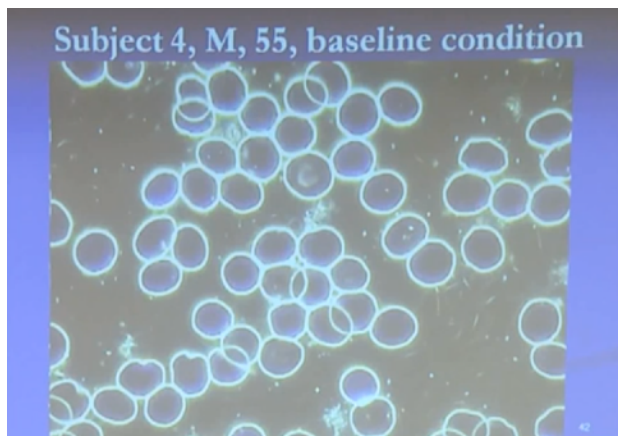
Rouleaux clumping



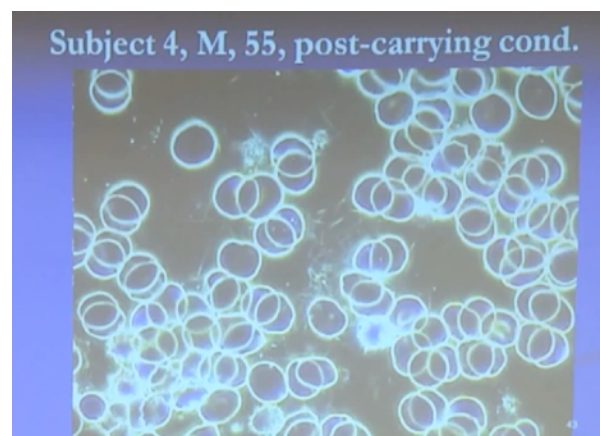
Degradation/BottleCap



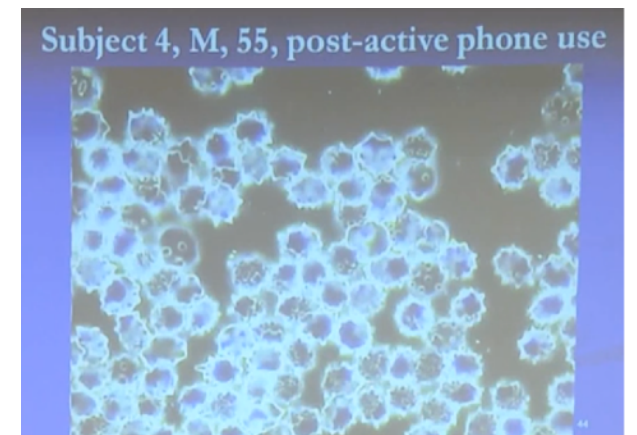
Subject 4, male, 55



Distortions and clumping



**100% bottle-cap spikes
(echinocyte deformation)**



Red blood cells have electrical properties – they possess a negative charge. This gives them an affinity for water molecules and it keeps them apart, flow separately and not sticking to the walls of the blood vessels. *Clearly, wireless radiation disrupts this charge.*

Any impacts to the red blood cells are serious and will be contributing factors in other health issues. For instance, here are two studies on the link between the degree of wireless radiation exposures and the incidence of COVID, including deaths that are attributed to COVID:

- **“COVID-19 Attributed Cases and Deaths are Statistically Higher in States and Counties with 5th Generation Millimeter Wave Wireless Telecommunications in the United States,”**

Angela Tsiang and Magda Havas, Ph.D., published in [Medical Research Archives](https://esmed.org/MRA/mra/article/view/2371) 12 April 2021; <https://esmed.org/MRA/mra/article/view/2371>
Click 'download'.

- **“Exposure to 5G mmW technology is statistically significantly associated with higher COVID-19 case and death rates in the U.S.A.,”**

Beverly Rubik, Ph.D. and Robert R. Brown; [J Clin Transl Res](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8580522/). 2021 Oct 26; 7(5): Includes all RF radiation from wireless communications, not just 5G. Extensively peer-reviewed (see the comments). <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8580522/>