

## Questions for Alejandro Cravioto

- Does poor disposal of oral vaccine waste poses risk of creating cholera outbreak or infection?

⇒ **Alejandro Cravioto:** *The waste left after oral cholera vaccination are only biodegradable blow filled containers used by Eubiologics to package the only oral cholera vaccine currently in use, so no there is no chance of that being contaminated with *Vibrio cholerae* O1 which is the causing agent of cholera. Originally both Shanchol and Euvichol used small glass vials to package the vaccine; Eubiologics then developed a different packaging with the blow filled containers which are the only ones currently in use for what is now called Euvichol plus which is the only presentation in use nowadays. Please see the attached photo.*



- What would be the recommendations in the current situation of Ukraine war and the dam break in Kerson?

⇒ **Alejandro Cravioto:** *So far there are no reports of the circulation of *Vibrio cholerae* O1 the Ukraine war zone or in the water reservoir where the problem happened, so no chance for a cholera outbreak to start there.*