Message

**From:** Newhouse, Kathleen [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5F019C8179304045ACD61BC05B571FB0-NEWHOUSE, KATHLEEN]
**Sent:** 4/21/2015 5:42:05 PM
**To:** Samantha Jones [Jones.Samantha@epa.gov]
**CC:** Hogan, Karen [hogan.karen@epa.gov]
**Subject:** FW: BaP Inhalation Cancer Unit Risk
**Attachments:** WHO 2000 PAH.pdf

Hi Samantha, I got an email from the same individual who had contacted you about the IUR WHO calculated for BaP. I looked into it a bit,

Ex. 5 Deliberative Process (DP)

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-Kathleen

**From:** Prof. Giorgio Assennato [mailto:g.assennato@arpa.puglia.it]
**Sent:** Wednesday, April 15, 2015 8:51 AM
**To:** Newhouse, Kathleen
**Subject:** BaP Inhalation Cancer Unit Risk

**Da:** Prof. Giorgio Assennato [mailto:g.assennato@arpa.puglia.it]
**Inviato:** martedì 14 aprile 2015 14:12
**A:** 'Murphy.Deirdre@epa.gov'
**Oggetto:** BaP Inhalation Cancer Unit Risk

**Oggetto:** I:BaP Inhalation Cancer Unit Risk

Dear dr. Newhouse,
I'm an old Hopkins graduate, full professor of Occupational Medicine at the local school of medicine and currently director of the regional environmental protection agency in Apulia, Italy. Recently, our agency was requested to carry out a health risk assessment in the area of Taranto (around 230.000 inhabitants( where the largest European integrated cycle steel plant is located along with other aources ( an oil refinery, a cement plant, urban waste and hospital waste incinerators). In the evaluation of lifetime cancerogenic risk, we had to use the WHO IUR for BaP which is almost two orders of magnitude larger than the CalEPA and USEPA ((0.87x$10^4$ /ng/$m^3$**) vs. CalEPA (1.1x$10^{-6}$** /ng/$m^3$ ).. WHO keeps on publishing its old BaP IUR in the recent air quality guidelines. I think we should update the BaP IUR but we cannot do it unless a formal criticism by scientific authorities is expressed.
What's your opinion on this intriguing issue?
Thank you so much for your attention,
Giorgio Assennato MD,ScD,MPH
Director, ARPA Puglia, Italy