



Research Journal of Pharmacology and Pharmacy (ISSN:2572-8377)



A TRIGA-like subcritical concept for biological waste management (pills, old vaccines etc.)

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ABSTRACT

This subcritical concept is framed in a way that allows use in a single room for some electricity production purposes. It involves a tungsten casing and also helps using depleted uranium dust. The single series of anneals for closure and direct laying of the top opening window onto the left side of the tungsten casing make pressure work impossible ; it also allows for a relatively cheap production.

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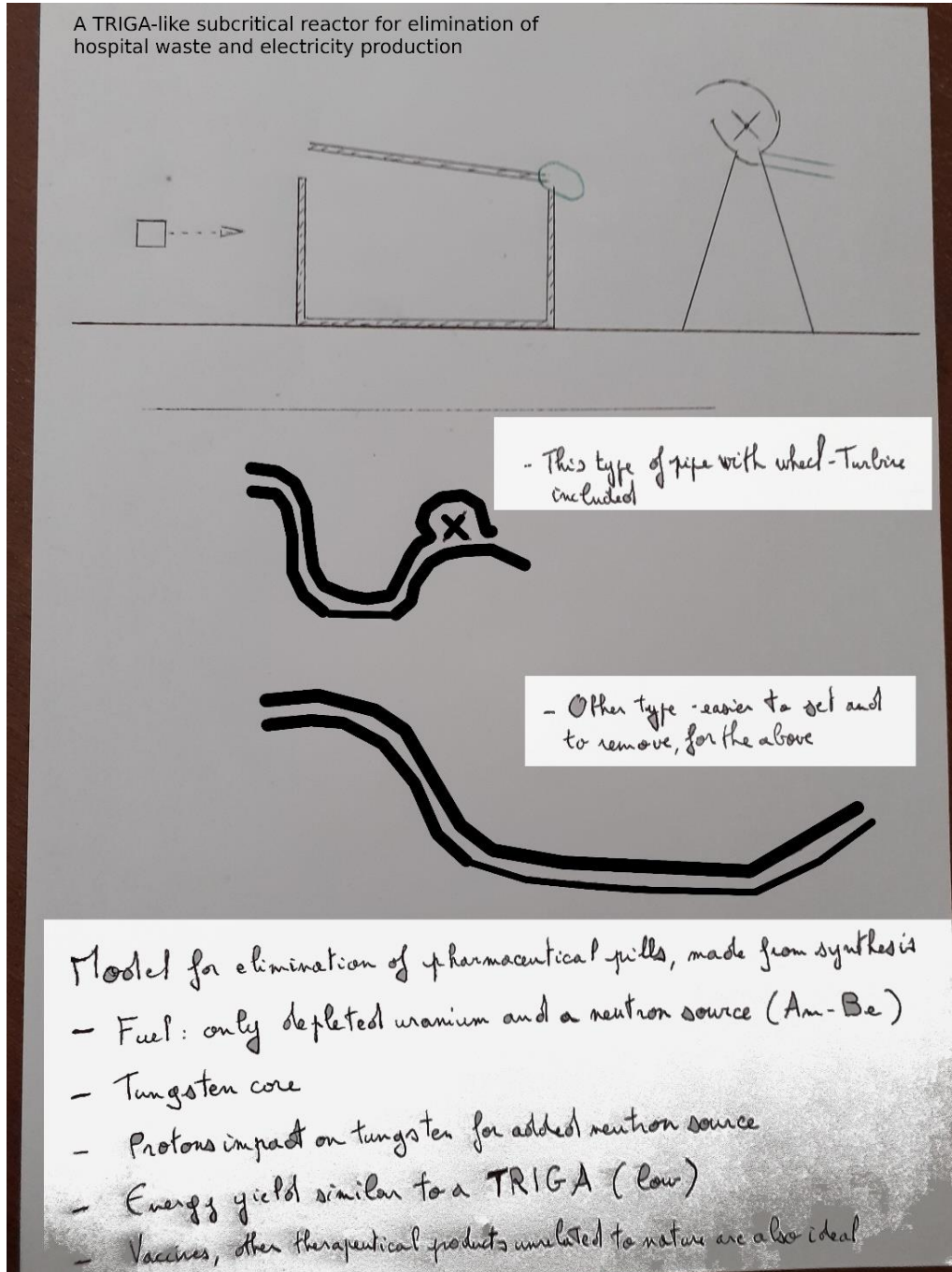
How to cite this article:

Florent Pirot. A TRIGA-like subcritical concept for biological waste management (pills, old vaccines etc.) . Research Journal of Pharmacology and Pharmacy, 2021, 5:12.

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It is proposed the progressive recycling of pharmaceutical waste and biological waste handled in hospitals in a TRIGA-like subcritical machine fueled by depleted uranium dust. A

laser accelerator [1] is one option for piloting the device. Another spallation source, typical, can also be used.



This model allows also the transfer of the trashbin model of political theory and eliminate rapidly e.g. first unused vaccines and then all vaccines, including the glass, syringues (with pharmaceutical liquids in) in addition to pills, syrups, etc.

The lay-model for water cycles allows the deposition of the pharmaceutical waste and depleted uranium dust without pressure for handlers as the water (taken from taps) is simply cycled in later into this wide (width as the core, not represented) heat-taking system. That pipe

should never be welded to the core. The two proposed patterns allow for that and are the only allowed.

It is reminded that laser impact onto a tungsten casing will allow neutron generation [2]. This will be enough together with capture of some neutrons by the Am241 alpha emitter used with the beryllium, that will become fissile. A laser pulse may be used onto protons from an alpha emitter to produce an effect similar to what is described in [2]. The alpha emitter should be laid in a wide but thin pyrex-like receptacle and alpha decays rising are intercepted by the laser shots, firing them onto the tungsten side. No pressurization of the core should be done with any medium.

Due to intense suspicion that the AstraZeneca covid19 vaccine is made from dissolved Captagon, which as a neutron medium has a slightly positive void coefficient (estimated to 1,01 - 1,03 - less than sodium but similar nevertheless to it, it dilates under heat), these vaccines should not be included in the mix. Captagon's properties on the human body, that have historically made it an "accelerator" in soccer matches are indeed related to that positive void coefficient. This may seem interesting for depleted uranium as it accelerates conversion to Pu239 but this is of no use in this subcritical machine aimed at slow burning where a mix of fast and thermal neutrons are needed and the medium has to thermalize initially very fast neutrons for that purpose. The accelerator makes a first set of Pu239 from the DU powder and the medium keeps on slowing neutrons allowing for fission burn - and the accelerator will obviously have to be slowed down (for much slower impacts of alpha particles on the tungsten) after the production of the initial set of Pu239. If anything with positive void coefficient is in the mix, this process will be disrupted explosively.

This paper is justified by the already existing findings of medicinal plants with excellent results against covid19 [3] [4]. *Salvia officinalis* was also used successfully by the author against

Ebolavirus, and *Salvia microphylla* against HIV in a test in a military facility (see [5] for reference - the structure of the HIV virus and of the SARS-CoV2 virus are homologous, both are "anti-squeezed" [6], they both express the shape of anti-squeezed atoms such as 238U (patterns of virus transfer shapes of atoms under the Mengerian sponge law presented in [6] - for instance bacteriophage viruses reproduce Fermionic condensation [7]) - this is why HIV and Covid19 punish "anti-squeezed behaviours" as defined in [6], like extreme sexuality and extreme socialisation, abnormal behaviours guided by a will to define a position in society and not guided by the self. Typically, homosexual supersexuality and supersexuality in general are about posing in society to define a difference ("provocation"), and likewise overreaching socialisation is about posing in society to define a difference (behaviours of "distinction" in the sense given by Pierre Bourdieu), viruses sanction these behaviours that are not natural and re-establish the natural order - Covid19 public policies actually try to squeeze the anti-squeezed people by shutting their mouth and regularly confining (even though this is as hopeless as trying to transform an U238 atom into an U235 atom by pressing onto it... giving people neurons by actually teaching the link between alpha emitters and memory loss [8], for a start is certainly the true equivalent of the needed neutron capture). The drawings for the subcritical core have been deliberately left out at sketch level because the conception and working of such an apparatus remain the sole responsibility of the owner of the apparatus, but a subcritical design allows for a large increase in safety. This nevertheless should help providing energy in hospitals during winters while incinerating hazardous waste efficiently.

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