

**202th Business Plan Presentations Held on November 13, 2018
at Iwasaki Gakuen, Shin-Yokohama, Japan**

1、 Agro Design Studio Inc. President Dr. Yuki Nishiyaga

https://www.agrodesign.co.jp/pages/2231653/page_201809022126

Established in March 2018 Capital stock: USD \$ 10,000

This is a pesticide development venture just founded in March 2018 and aims to create safe and eco-friendly pesticide. We are now specifically developing molecule-targeted pesticides designed for acting on enzymes possessed only by control subject organisms. As a product pipeline, we are mainly focusing on the nitrification inhibitor which is one kind of bactericides created in the research at the University of Tokyo and the agricultural institute organization by the founder Nishiyaga, at the same time, we also are collaborating with other universities to research other insecticides, herbicides etc. As a business model, as other drug discovery ventures do, we do not manufacture and sell them, rather, focus on making the most use of the joint development and license-out with major agrochemical companies. Currently, we have established POC through the greenhouse experiment of nitrification inhibitors, and we have also started to negotiate with overseas chemical and agricultural chemical companies. Since we do not have any experienced agricultural chemicals experts, so now we are looking for someone who can help us to make the agricultural contract negotiations.

【Re-Cap】 The agricultural material market seems to grow up to 30 trillion yen scale-industry in 2023. Even though dangerous pesticides are banned from use, but it is not easy to make new drugs come out to the new market due to soaring safety inspection costs, so President Nishiyaga strongly wants to make an innovation in the agrochemical industry by making the safe pesticide in their own company. It seems that you can expect 40,000 times as much as effect on what they are currently developing compared with other company's one.



2、 According to the request of the presented company, we have decided to refrain from posting the company's information.

3. Alpha Water Inc. President Dr. Mitsuo Minagawa

Established in November 2018 (estimated) Capital stock: USD \$ 100,000

- 1、 Continuously produce supercritical water = ultrapure water by patented technology.
- 2、 Supercritical water can be drunk and Deuterium depleted water with 100 ppm or less of deuterium. Moreover, "hydrogen water" which is difficult to get out hydrogen can be made. (decrease 5% in one month)
- 3、 Application field of supercritical water,
 - 1)As an extraction solvent,①Kampo extract preparation ②Aromatherapy ③Health food ④Research solvent ⑤Food field.
 - 2)As a detergent,① Medical field (not using organic solvent) ② Food field, ③ Industrial use.
 - 3)Removal of pollutants: Harmful metals such as contaminants, mercury, phosphorus and lead caused by radioactivity can be removed safely.
 - 4)Supercritical hydroxylation reaction: Oxidation reaction occurs in water and oxidizes harmful substances to decompose to carbon dioxide.
- Others
 - 5)As special applications, ①cosmetic raw materials ②Nano silver support solution ③impurity removal ④disinfectant etc.

【Re-Cap】 This company's supercritical water can be generated by giving only three elements of vacuum, pressure and heat. There are various ways to use it, recently they found out that it has hair growth effect. President Minagawa also said "we want to be a public-listed company in the near future".



《Impressions》 At this last meeting, too, there were presentations by companies in diverse fields. Each was cultivating new markets, and it will be interesting to see how their business develops from now on. If your company would like to make a presentation at the meeting, please contact us at an early date, because the schedule is filled up for a few months in advance.