ORALPEACE PROJECT



Revolutionary Oral Care Product

will lead to Health Longevity and Create Job Oppourtunity for the Disabled People



Trife Inc. CEO Daisuke Teshima

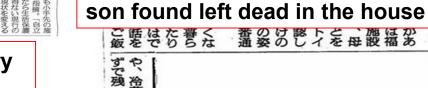
WHO IS THE MOST CLOSEST TO YOUR HEART?

- Blessed with a disabled child.
- Worked at Uchida Yoko and Deloitte Tohmatsu Consulting Strategic Marketing Team
- Found out that the hourly wage of the disabled is too low for their independence.
- ◆ National Average Wage is JPY 13,079 (US\$ 130) per Month.
- ♦ In Yokohama, JPY 100 (US\$ 1) per day in some cases.



- Difficulty in improving their income
- Sericious issue after parents are gone
- ♦ Below are the newspaper articles on my birthday in 2012





2012年(平成24年)3月17日 土曜日 17歳 日 17歳 日

First step is to start from what we can do

 Planning to Start up Organic Cosmetic Brand Venture and subcontract to the Caring Facility of the Disabled

 Established NPO "Sell The Challenge" and supported to manufacturing and marketing activity by the Caring Facility for 10

years.



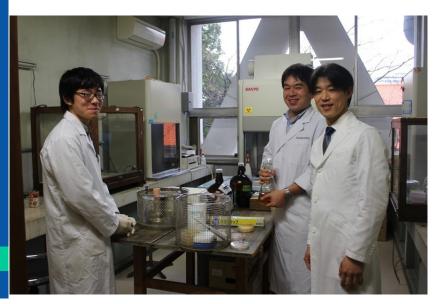


Finding Possibility of the Fusion of Welfare and Business

- What is the purpose of my life?
- What is my mission?
- Who will take care of child after parents death?
- Can the establishment of a strong company solve the problem?

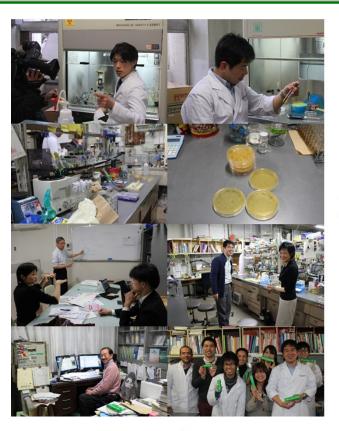
Starting from what we can do to create futures for our most important ones

- Met with a Biotechnology Researcher
- ◆ Joint research with the University of Kyushu on Anti-Bacterial Material of a Lactic Acid Bacterium "Bacteriocins".
- My father diagnosed as terminal cancer
- Unnecessarily weakened by incorrect prescription of antibotics and disinfectant
- Encountered many oral care problems for the elderly patients



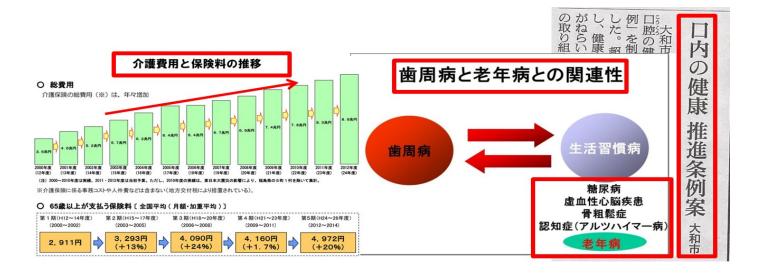


BIO x SOCIAL VENTURE





ORALPEACE®



Increasing needs for Oral Care

- ◆ Aid for the elderly and disabled US\$ 93 billion
- ◆ Death caused by pulmonary aspiration pneumonia 300 per day
- Announcement of Correlation between inproper oral care and alzehimer - Ministry of Health, Labor, and Welfare
- 8020 Movement 20 teeth at 80 years old

High Potential / Global Market

- ◆ Japanese Domestic Market Size US\$ 1.2 billion with Growth Rate of 3%
- **◆** Difficulty in effective oral care with traditional unswalloable product
- There is no high antibacterial swalloable product in the world other than ORALPEACE
- Create new market with new innovation ORALPEACE



Do not swallow

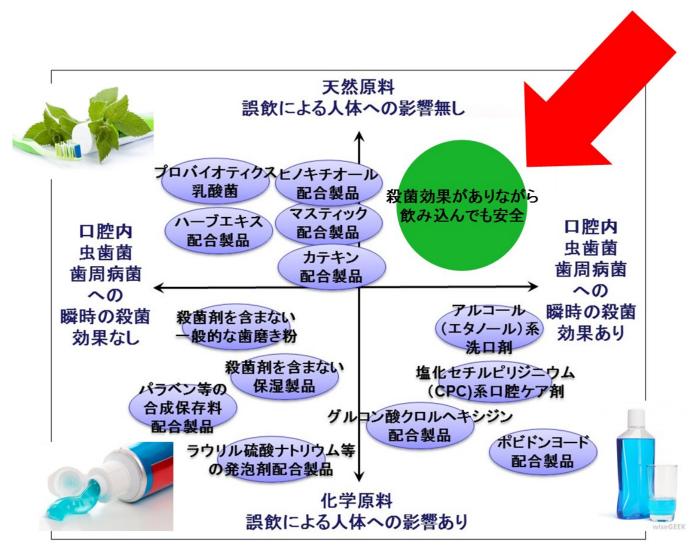


Oral Care with Water

| | | | 出興:株式会社富士経済 | |
|-----------|--|--------|-------------|--------|
| | 2010年 | 前年比 | 2011年予測 | 前年比 |
| 口腔ケア用品 | 1,172億円 | 102.9% | 1,205億円 | 102.8% |
| 口腔ケア機器・用具 | 588億円 | 107.3% | 603億円 | 102.6% |
| 食品 | 1,545億円 | 98.4% | 1,528億円 | 98.9% |
| 医薬品·医薬部外品 | 483億円 | 93.6% | 482億円 | 99.8% |
| 合計※ | 3,787億円 | 100.4% | 3,818億円 | 100.8% |
| カテゴリー | | A B | | |
| 口腔ケア用品 | 盛意(歯周病予防/美日/虫歯予防/口臭予防/子供用/恢復者用)、洗口湯(マウスウォッシュ/デンタル)シス)、養歯安定別、養歯 洗浄剤、口中清涼剤(粒・フィルム/スプレー)、ホワイトニング関連用品 | | | |
| □腔ケア機器・用具 | ・成プラン、電動像プラン、歯院清拝具(デンタルフロス/歯間ブラン)、舌クリーナー、口腔洗浄器 | | | |
| k& | 機能性ガム(生命予防/口臭除金/清凉感・磁気防止/その他)、機能性キャンティ(のど保護/口臭除金/清凉感)、口中清凉菓子 | | | |
| 医薬品・医薬部外品 | 庭馬院:也會別、外用意識別、課证支信別、殺器塗布別・薬用のビスフレー、トローチ・薬用のど前(医薬品・医薬部外品)、会會別 (医薬品・医薬部外品)、口内児治療別・ビタン(6割 | | | |
| | | | | |

US\$ 1.2 billion expanding market

Only if there was a strong antibacterial product you can swallow !!



Demand for Employment Opportunities

- ◆ Number of disabled in Japan About 7.5 million, 1 in 12
- **◆** Aging society, the hollowing out in Japanese industry
- **◆** Decrease of the consumer population
- Increaes of pension for the disabled ?
- ◆ What will it be like in 10 years time?

In order for the disabled who cannot leave his/her town but need to make adequate living, we need to create new business which can increase job opportunties all over Japan Through creation of socially valuable products and business, we will open doors to new future for the disabled through establishment of a global company able to find solutions to social concerns.

What is Oral Peace Project?

MAIN TARGET

Elderly and disabled people who have difficulties in oral care.

NEEDS

Need for daily oral care using safe and reliable incredients. Easy, effective, and low cost.

ORIGINALITY

Supply of innovative oral care product at reasonable price.

Create job opportunities for the desabled all over Japan

Bacteriocines from Lactic Acid Bacteria

- ◆ 'Nisin' was first identified in the UK in 1928 from cheese, and was approved as safe food preservation material in over 50 countries
- University of Michigan announced the effectivenes of bacteriocines against oral cancer in 2012.
- ♦ It bought attention all over the world as future antibacterial material, environmentally friendly, replacing traditional synthetic disinfectant and antibiotics.
- However, it contained salt and as such its' usage was limited for food



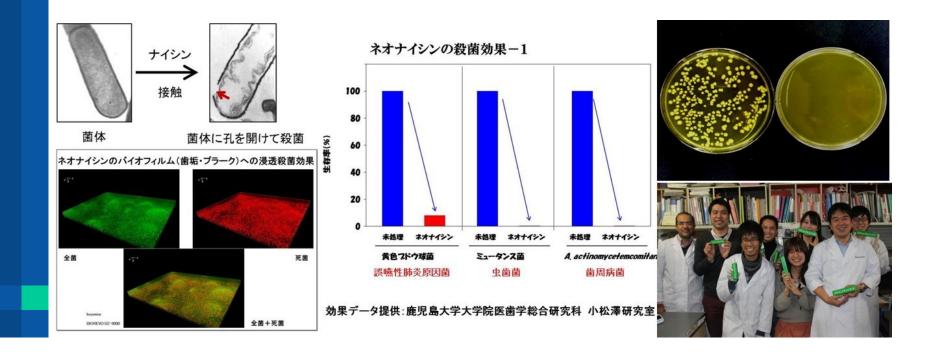
Development of Natural Anti-Bacterial Agent "Neo-Nisin"

- ◆ Industry-Academia collaboration research by University of Kyushu, University of Kagoshima, National Center of Geriatrics and Gerontology
- ◆ Establishment of highly technical refinement technology of Nisin tasteless, odorless, transparent, medically usable
- **♦** Effectiveness to gram-negative bacterial obtained Patent



Outstanding Safety, Anti-Bacterial, Flavor - 'Neo-Nisin'

- Quick effectiveness agains cavities, periodontitis, bad breath, and pulmonary aspiration pneumonia
- ◆ Equivalent sterilizing properties to traditional synthetic disinfectant and antibiotics.
- ◆ Digested in stomach if swallowed, resolved in blood if entered into lungs
- Not achievable by previous 'Nisin'

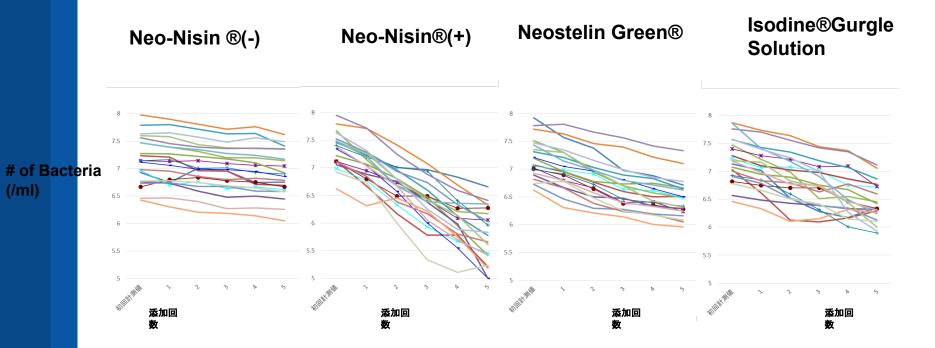


36ths Dental Pharmacotherapy Conference



Experiment 1-1





ORALPEACE now in the Market!

- **◆** 2 products with refreshing flavor
- ◆ The first venture ever in the world to utilize bactliosin for medical and cosmetical usage

■"飲み込んでも安心"な革新的な口腔ケア製品で細菌バランスを整える

九州大学農学部、鹿児島大 学歯学部·国立長寿医療研 究センターと優しい研究所 「ネオナイシン」は、おか らを原料とした植物性乳酸 菌由来抗菌ペプチドと梅エ キスから生まれました。口 腔内のトラブルの原因とな る虫歯菌、歯周病菌、口臭 原因菌、誤嚥性肺炎原因菌 への優れた殺菌効果のある、 この画期的な製剤ネオナイ シンを配合した「オーラル ピース」は、水以外はすべ て植物で作られているため 飲み込んでしまっても安心。 誤飲で摂取した場合でも、 体内消化酵素で速やかにア ミノ酸に分解されるので、



乳幼児からお年寄りまで家族全員のお口の健康を守ります。「歯みがき&口腔ケアジェル」75ml 1000円、「マウススプレー&ウォッシュ」30ml 1000円。

●トライフ ☎045(974)0674 ☎10時~17時 土曜・日曜・祝日定休

オーラルピース 記者発表 紀尾井フォーラム 2013年6月10日





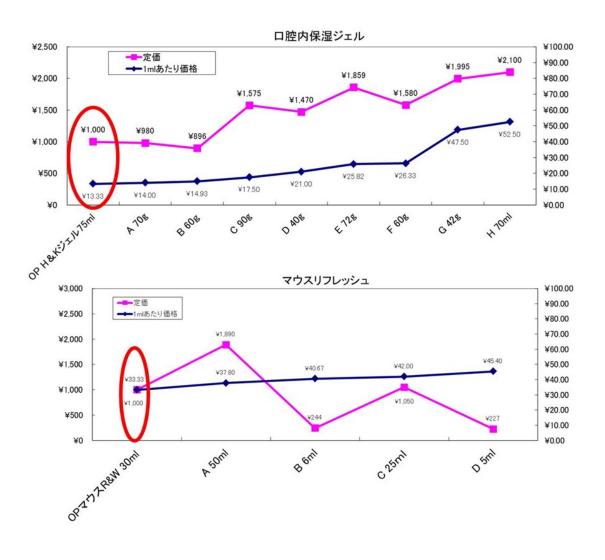




Difference with the existing products

- ◆ 100% natural ingredients chemical free
- Death by pulmonary aspiration pneumonia usually while asleep.
- Traditional sterilized products upset stomach if swallowed
- Oralpeace can be used during sleep and reduces death risk

COMPETITIVE PRICE, CHEAPEST AMONG SIMILAR ITEMS





How do we create job opportunity through out Japan?

There is limit to factory space availability, but room for marketing and sales activity is limitless

The disabled to promote socially useful and competitive products in their own regions

New business model - Disabled to market, sell, and deliver products to the elderly in their own region.

Creating job opportunites for the disabled

New model of BOP business in Japan

Idea from BOP business in the developing countries



グラミン・ダノンと ダノンレディ



日本ポリグルと ポリグルレディ



ユニリーバと シャクティレディ

Care Facility for the Disabled to become distibuting agent



Using existing 5,000 distrubution care facilities all over Japan to instantly expand business area

⑥神奈川新聞社 25527号〒231-8445 横浜市中区太田町2-23総合受付 045-227-1111[1 カ月3100円・1部120円]

おかげさまで90周年
これからもみなさまと共に
川崎信用金庫

34 25 40

南の風、晴れのち曇り所により雨で雷を伴う

きょうの天気

Raised wages without additional public / government expenditure.

れて広来院で全では度四米の録なず府れ

No conflict with the opportunities for the non-disabled. Creating new job market.





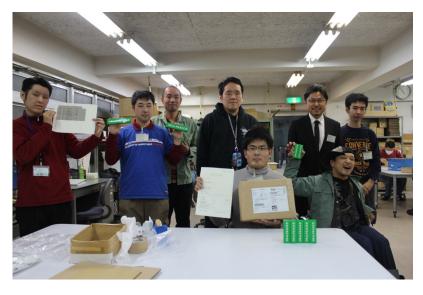




Jobs responding to social needs

Job circulation within the region





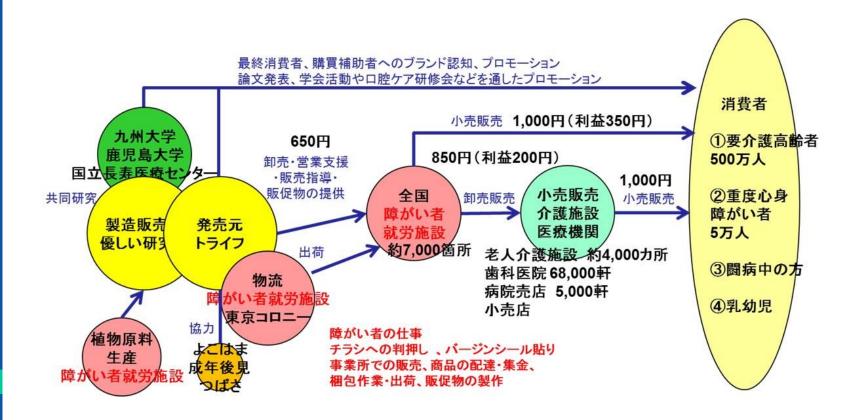




Able to Create job opportunities all over Japan

高い利益率と収入 製品1本の販売で200~350円の収入

施設での小売で1本350円の収入 卸売では1本約200円 下請作業1工程1銭~、空き缶つぶし1個1円等の工賃 今までの仕事に組み合わせて簡単に取り組める









CLIENTS IN JAPAN



URBAN RESEARCH
DOORS







The first organic oralcare product in the world with anti bacteria.



Authenticated organic product

Disabled People's Institution in Niigata

Certified cosmetic manufacturing factory



Featured in NHK (Japanese National **Broadcast) as the Outstanding Produce of** the New Era

■ 超高齢社会の「救世主」 "飲み込める"歯磨き粉

それは、口をゆすぐ必要がなく、飲み込んでも 大丈夫な歯磨き粉。そのヒミツは、歯磨き粉の 成分、おからと梅にあります。おからの中にす む乳酸菌が作る抗菌成分と、梅のエキスから成 るものが、虫歯菌などの原因菌に強く作用する のです。化学物質ではない、天然由来の殺菌成 分なので、飲み込んでも胃の中で消化されて害 がないといいます。めんどくさがり屋さんにも



ってこいの、飲み込める歯磨き粉。実はこのアイデアのきっかけとなったのは、歯磨き粉の 生みの親、このベンチャー企業代表・手嶋大輔さんの父親、廣一さんの存在にありました。

2年前、胃がんに冒された廣一さん。次第に体 力が低下して、歯磨きの際、うがいさえも難し くなってしまいました。「(手嶋さん)誤って 歯磨き粉を飲み込ませてしまったことがあっ て。逆におなかを壊して体を弱らせてしまった ことがあったんですね。"飲み込んでも安心"な 歯磨き粉があったらいいんじゃないかなと。」 当時、化粧品のコンサルタントをしていた手島

さんは、飲み込んでも安心な歯磨き粉を作ろうと、起業。しかし殺菌力を持ちつつ、体が弱 っている人が飲み込んでも大丈夫、という成分はなかなか見つかりませんでした。

そんな手島さんの前に現れたのが、食品会社の 研究員だった永利浩平さん。地元の大学と連携 して、食物由来の体に害のない殺菌成分を開 発。その実用化を進めていたとき、手島さんと 出会ったのです。 運命の出会いから1年後、飲 み込んでも安心な歯磨き粉が完成。いま、全国 ます。病気や障害が原因でうがいが難しく、歯



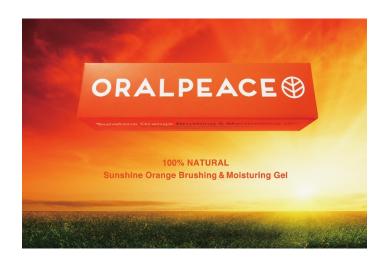
磨きが出来なくなった患者達。そのまま放置しておけば、口の中に細菌が繁殖し、肺炎など になってしまうリスクを抱えていましたが、手島さんの歯磨き粉によって、口の中を清潔に 保ち、安心して生活できるようになりました。



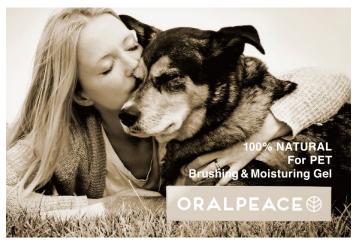
1st Prize Winner of Japan Venture Award 2015







New Oral Care Products for "Infants", "Outdoor extremes', "Pets" - January 2015 -





Business Expansion Plan

- Overseas Markering
- New market with 'Neo-Nisin' disinfection products, skin treatment, nasal cavity care, acne, anti-disaster products, ocular instillation, diapers etc.
- Insured medicine
- Become the US\$1 billion pharmaceutical company

Company Goals

- Creating revolutionary product.
- Organize profitable business and socail works all in one
- ◆ Deliver strong message to the world from the world's #1 aging society
- **♦** Become the global company of the new era

ORALPEACE Project Members



WE WILL CHANGE THE FUTURE WE SHALL DO WHAT WE CAN DO

ITS NOT ABOUT WHAT WE CAN DO OR WHAT WE CANNOT DO

ITS WHETHER WE DO IT OR NOT

DELIVER STRONG MESSAGE TO THE WORLD, THE NEW BUSINESS, FRIENDLY FOR THE DISABLED AND ELDERLY PEOPLE

WHO IS THE MOST CLOSEST TO YOUR HEART?

ORALPEACE®

We welcome and look forward to working with those who share the same philosophy and motivation.



Thank you!!