Sano Chemicals, Inc.

A clinical therapeutics development company specializing in first-in-class drugs

Lead Product Addressing Recurrent Vulvovaginal Candidiasis (RVVC & VVC) US Market \$4-5 Billion USD

Seeking Strategic Partner or Out-licensing



Executive Summary



Innovative Technology: Occidiofungin (OCF) is a potent first in class true fungicidal drug with applications for the treatment of vaginal, oral/GI, dermal, and systemic fungal infections. OCF is pan-fungicidal and capable of curing recurrent and drug resistant fungal infections. Our lead application is aimed at RVVC.

Clinical Utility: Common route of application at the site of infection without the need of extensive education or training. OCF does not need co-administration with any other drugs.

Favorable Economics: Experienced scientists working at in house research and manufacturing labs drug product for clinical testing resulting in no delays of clinical trials. Existing insurance reimbursement code is available for VVC and RVVC.

Compelling Preclinical Validation: GLP genotoxicity/mutagenicity studies and GLP toxicokinetic animal studies demonstrate drug product safety compared to current antifungal treatments. There is no discernable systemic adsorption of OCF following intravaginal application. **FDA QIDP and Fast Track designations awarded by meeting an unmet medical need.**

Clinical Candidate: IND application (IND 160729) is approved to proceed with Phase 1 human SAD and MAD clinical trials. SAD Dosing was completed in May 2024. Clinical data demonstrated patients were no discomfort or comfortable according on 5-point Likert scale, and all scored the treatment as entirely acceptable. No discomfort or adverse effects were noted.

Intellectual Property: Patents on composition and use, and manufacture of antifungal have been issued in USA, Europe, and Asia. There are multiple pending applications. Patent protection for RVVC product till October 2035. Follow-on formulations for 2nd generation products are under evaluation for IP extension towards systemic, dermal, and oral/GI applications.

An Urgent Unmet Need

Up to 9% of Women suffer from an untreatable Recurrent Vulvovaginal Candidiasis (RVVC) infection.

This is an annual patient population size of >9M women in the US and >130M women Globally suffering without an effective treatment.

THE PROBLEM

Yeast Infections have become resistant to the current standard of care.

Existing treatments are only suppressive and fungistatic.

Women have had almost no new treatment alternatives in over 20 years.

Antifungal resistance has increased dramatically and is projected to get worse.

Symptoms of Recurrent Vulvovaginal Candidiasis (RVVC); a Serious Fungal Infection

IMPACTS ON QUALITY OF LIFE:

- Discomfort and Pain
- Higher rates of clinical depression
- Anxiety and stress
- Missed work
- Avoidance sexual intimacy
- Uncomfortable during all activities



VVC – RVVC Treatment Continuum

Standard Course of Treatment:

- **Common** Yeast Infections (TAM)
 - Treat with over-the-counter products
 - 40-45% of women annually (~65M in US)
- Acute Yeast Infections (SAM)
 - Approximately 50% all infections are acute
 - Fluconazole, Clotrimazole (less and less effective)
- **Recurrent** Yeast Infections (TM)
 - ~15% of all incidents are RVVC (~9M US)
 - Unmet Medical Need Market in US Estimated at \$4 to 5 Billion



Dramatic Increase in RVVC

Rise of *non-albicans* **infections**



- Prior to introduction of triazole antifungals, only 5% of infections were caused by non-albicans species.
- Following introduction of triazoles in 1988, non-albicans species accounted for 30% of vaginal yeast infections in vaginal isolates collected between 1998 to 2001.

- Management of fluconazole refractory disease is extremely difficult with limited options, and new therapeutic modalities are needed.
- Non-albicans species are less susceptible to all azole drugs
- Many are resistant to commonly prescribed antifungal agents making treatment more challenging.
- Fluconazole doses have nearly doubled since 2005.
- 60% of patients require higher initial doses to treat infection causing more adverse side effects.
- The dosing trend may be another indicator of increasing resistance.

Marchaim D, et al. Fluconazole-resistant Candida albicans vulvovaginitis. Obstet Gynecol. 2012;120(6):1407-1414

Richter SS, et al. Antifungal susceptibilities of Candida species causing vulvovaginitis and epidemiology of recurrent cases. J Clin Microbiol. 2005;43(5):2155-2162

Current Treatment Concerns

Chronic yeast infections (RVVC) are treated with existing products that are:

- Over prescribed;
- Becoming less and less effective;
- Interfering with birth control;
- Interfering with other medical prescriptions;
- Causing unwanted side effects reducing patient compliance;
- Contributing to serious side effects (<u>kidney & liver toxicity</u>).



Discovery and Development of Occidiofungin (OCF)



Occidiofungin Cyclic Glycolipopeptide

- Our scientific team discovered, characterized, developed, formulated and named Occidiofungin (The Fungus Killer ™).
- OCF has sub-micromolar to low micromolar pan-fungicidal activity originating as a natural bacterial product.
- Our lead agent, OCF is extremely stable and rapidly induces fungal apoptosis. The target ligand (actin), OCF molecular composition, mechanism of action and rapid effect prevents fungal development of resistance.
- Additional analogs are being engineered and formulated for dermal, oral/GI and systemic applications.

Occidiofungin (OCF)



- First-in-class composition broadly effective against the fungal kingdom
- Potent antifungal (fungicidal) activity
 - Demonstrates submicromolar cidal activity
 - All other antifungals in clinic are static except for amphotericin-B (Extreme Toxicity)
- Novel mechanism of action is Apoptosis
 - Even at sub-fungicidal concentrations, it blocks fungal pathogenesis by preventing mucosal adherence and pseudohyphal formation
- Rapidly Fungicidal against drug resistant yeasts such as Candida auris

Mechanism of Action: Actin Visualization Using Phalloidin-TRITC



OCF disrupts higher order actin cables and stimulates mitochondrial oxidative burst triggering apoptosis

(Franklin-Tong, 2008)

Broad Spectrum of Activity

Strain	Occidiofungin	Voriconazole	Fluconazole
Strum	(µg/ml)	(µg/ml)	(µg/ml)
Rhizopus spp.			
Mucor spp.	4-8	16 ->16	-
Fusarium spp.			
Aspergillus spp.	2-4	1-2	-
*Candida albicans *Candida krusei *Candida tropicalis	1-4	-	16 -> 64
*#Candida auris 35646 *#Candida auris 35651	1-2	-	-
#Cryptococcus neoformans	1-2	-	2-4

Other susceptible fungi:

- Alternaria alternata
- Aspergillus fumigatus
- Geotrichum candidum
- Microsporum gypseum
- Microsporum canis
- Penicillium spp.
- *Pythium insidiosum*
- Trichophyton mentagrophytes
- Candida glabrata
- Candida paratropicalis
- Dimorphic fungi (4) not published

MIC data:

- * Azole resistant
- # Caspofungin resistant



Fungicidal Activity of Occidiofungin Compared to Miconazole (Monistat3)



Clear Zone of Fungicidal Activity Hazy Zone of inhibition Fungistatic Activity 8X concentration over OCF

No Activity

OCF001 – For Treatment of RVVC

The Problem:

- Yeast Infections have become **resistant to the current standard of care**.
- Existing treatments are only suppressive and fungistatic.
- Until recently, there have been no new therapies with a new mechanism of action to treat these infections in over 20 years.

OCF001 Gel Solution:

- Potent fungicidal activity against all Candida spp.
- No Concurrent Therapies Needed
- 3 or 5-day intravaginal application
- No discernable absorption from vaginal cavity
- Preclinical toxicokinetic studies show drug product safety
- RVVC (Target Approval 2028 | Target End of Phase 2 2026 explore outlicense/sell) – Fast Track



Only three to five applications



Recent Activity in the Antifungal Space

Company		P fizer	SCYNEXIS	Invcovia Pharmaceuticals	F2G	
Molecule (class)	Rezzafungin (echinocandin)	Fosmanogepix (GWt1 inhibitor)	lbrexafungerp (triterpenoid)	Otesaconazole (azole)	Olorofim (orotmide)	
Lead indication	Rescue therapy for invasive candidiasis and candidemia IV Formulation	In Phase 2 studies for invasive fungal infections IV and Oral Formulations	VVC; RVVC Oral Formulation	RVVC in non- childbearing <i>Oral Formulation</i>	Invasive aspergillosis Oral Formulation	
	Failed RVVC Phase 2 trial	Not for RVVC	Notable side effects	Notable side effects	Not effective against yeast	
Announced Deals	• \$460M*	• \$543M**	• \$593M***	Unknown	• \$480M	
Partnerships	 Melinta (US)* Mundipharma (EU) July 27, 2022 	 Acquired phase 2 Basilea Nov 13, 2023 	 GSK Partnership*** Commercial March 30, 2023 		Shionogi****May 2022	

• \$460M Melinta deal: Melinta paid \$30M upfront and \$20M upon FDA approval; add \$410M milestones; tiered royalties 10-15% on sales

** \$543M = \$37M Upfront and \$110 milestones to Pfizer + \$396M in previous milestone obligations

*** \$590M GSK deal: \$90M upfront + \$503 in milestone payments; 5-15% tiered royalties on sales

**** \$480M Shionogi deal: \$100M upfront + \$380M milestone payments; double digit royalties on sales – Deal to market the drug in Asia and Europe



DEVELOPMENT OF AN RVVC DRUG PRODUCT AND FORMULATION

Manufacturing of OCF (API) in House

- Established manufacturing process to support Phase 1-3 clinical trials
- Scalable manufacturing process
- Over 10 Lots of API produced demonstrating consistency in drug substance composition and purity
- Inhouse control of intellectual property developments in manufacturing
- No additional costs in delays of manufacturing

Established Chemistry Manufacturing and Controls (CMC) in House

- Upstream drug substance (API) processing
- Downstream drug substance (API) processing
- Intravaginal Gel Product Manufacture





DEVELOPMENT OF AN RVVC DRUG PRODUCT

Preclinical Toxicity Studies - Completed

- GLP Bacterial Reverse Mutation Assay
- GLP In vitro Mammalian
- Mammalian Bone Marrow Erythrocyte Micronucleus Test

Preclinical Small / Large Animal Studies - Completed

- Repeat intravaginal high dose study in mice.
- GLP repeat intravaginal high dose study in rabbits
- GLP Toxicokinetic study in rabbits



IND application (IND 160729) Approved

- FDA Approved IND application Phase 1
- Qualified Infectious Disease Product (QIDP)
- Fast-Track

PHASE 1 SAD CLINICAL TRIALS Completed in 2024



Clinical Trial Updates and Targets

Phase 1 SAD

3 Cohorts: (0.075 mg of OCF/gram of gel), (0.150 mg of OCF/gram of gel), & (0.300 mg of OCF/gram of gel)

24 patients - 6 subjects and 2 placebo per cohort

J&S Studies, College Station Texas:

Has conducted over 400 clinical trials since 1985

Results:

- Patients ages 19-45 years had no clinically significant changes in vitals, gynecological exams, ECGs, and blood and urine samples
- All patients found treatment to be acceptable
- All patients found treatment to have no discomfort or comfortable outcomes
- One adverse event in cohort 1 reported menstrual cramps unrelated to trial participation

Current Level of Vaginal Discomfort						
1	2	4	5			
Very Uncomfortable	Moderately Uncomfortable	Slightly Uncomfortable	No Discomfort	Comfortable		

5-Point Likert Scale

Overall Level of acceptability					
1	2	3	4	5	
Totally unacceptable	Slightly unacceptable	Neutral	Slightly acceptable	Acceptable	

Cohorts 1, 2, & 3 Likert Scale (1-5)	Range of Likert Scores One hour After Dose	Range of Likert Scores One Day After Dose
Cohort 1 (8 Subjects)		
Current Level of Vaginal Discomfort	4 to 5	4 to 5
Overall Level of Acceptability	5 to 5	5 to 5
Cohort 2 (8 Subjects)		
Current Level of Vaginal Discomfort	4 to 5	4 to 5
Overall Level of Acceptability	5 to 5	5 to 5
Cohort 3 (8 Subjects)		
Current Level of Vaginal Discomfort	4 to 5	4 to 5
Overall Level of Acceptability	5 to 5	4 to 5

- No statistical significance between subjects receiving placebo or drug.



Clinical Trial Updates and Targets

Phase 1 MAD

- 2 Cohorts: low & moderate
- 24 Patients 9 subjects and 3 placebo per cohort
- 7 Day Repeat Dose

Target: Phase 1 MAD Clinical Trial Completion By Q3 of 2025



Target: Phase 2 Clinical Trial Completion By Q2 of 2026



Why OCF Strategy is More Cost Efficient

Why Strategy Matters

- Topical / Mucosal Strategy cost efficient and possible higher patient compliance due to "no discomfort" reported in Phase 1 SAD
 - Oral administration increases likelihood of:
 - (1) toxicity,
 - (2) adverse reactions, and
 - (3) Increase in clinical resistant strains
- Clinical Strategy well understood clinical approach
 - does not require prolonged administration and management
- Treatment Strategy Selectively kills yeast; does not kill bacteria known to maintain healthy flora
 - Other strategies suppress and rely on the patient immune system to clear the infection



Treat Site of Infection Better Patient Compliance

Development Timeline

Occidiofungin - The Fungus Killer[™]

	2022	2023		2024	2025		2026	
RVVC	Preclinical		\geq	Phase 1 SAD	Phase 1 MAD		Phase 2	
Oral Thrush	Research and	d Development	P C	roof of oncept	Preclinical		INDA	
Dermal Thrush	Research and	d Development		Proof of Concept	Preclinical	>	INDA	
Invasive fungal	Rese	earch and Deve	lopme	ent	Proof of Concept	>	Preclinical	

Our Team

Janice Miles, D.O.

Co-Chief Executive Officer Women's Health

Prior Experience Including:

- Clinical Experience
- Board of the Mississippi Gulf Coast Women's Medical Association
- Board of Contexta Manufacturing

James L. Smith, PhD, MBA

Co-founder Co-Chief Executive Officer Anti-infective Development Prior Experience Including:

- Product Leader at Oragenics Inc.
- VP of lvigene Inc.
- Founder of Biotech Analyst Group
- Executive Director of Able Trust Foundation

Frank Austin, DVM, PhD

Co-founder, Diagnostician, Mycology and Infectious Diseases

Shien Lu, PhD

Co-founder, Biochemistry, Microbiology and Bioengineer

Steve Pruett, PhD

Co-founder Immunotoxicologist

John Ferreira

Advisor, GMP and QC

<u>Tim Hiebert, MD, DVM</u>

Advisor, Investor

<u>Jeff Libson, JD</u> Legal Advisor, Cooley, LLP

George Atiee, MD

Chief Medical Officer Prior Experience Including:

- Senior Director, Associate Medical Director at ICON
- VP and Medical Director, Worldwide Clinical Trials

David Goodstein, MBA

Chief Financial Officer Experience Including:

- Services 9 companies, operational controllership of IT budget of \$80M and R&D budget of \$300M
- Forecast accuracy within 2%

George Hlass, MBA

Business Development Advisor

20+ Years Business
 Development in Pharma
 Industry

SUPPLEMENTAL INFORMATION





Occidiofungin (OCF)

FUNGAL PATHOGENS THAT ARE **BECOMING A THREAT TO HUMANITY**

Cryptococcus Neoformans

can cause deadly brain infections. Globally, it is a major cause of illness in patients with **HIV/AIDS** and kills at least 180,000 people annually.







Aspergillus

produce spores that

can threaten the

with compromised

immune systems.

Candida Auris, which grows on yeast, leads to severe and sometimes deadly infections. The mortality rate of the fungus, which spreads guickly in healthcare settings, can be as high as 60%.

OCF Active Against:

Candidiasis

- ➤ ~0.75 M Cases/year
- ➤ ~0.35 M Deaths/year

Aspergillus

- ➤ ~4 M Cases/year
- ~1 M Deaths/year

Cryptococcus

Major cause of HIV related deaths

Severe asthma with fungal sensitization (SAFS)

- ➤ ~6.5 M Cases/year
- > ~0.5 M Deaths/year

Fungal keratitis

- > ~1 M Cases/year
- ~0.6 M blinded

Candida Albicans is commonly found in the gut but could cause invasive infections in immunocompromised people. It can cause an asthma-like illness, pulmonary fibrosis or a non-cancerous tumor.

WHO URGENT NEEDS



OCF has potent activity against these pathogens and should be considered a therapy for developing novel drug products to combat these pathogens. The reason for this urgency? Difficulty in finding an effective solution



Data to support activity of OCF is pending WHO: Fungal Priority Pathogens (Oct 2022).

Occidiofungin versus Brexafemme Activity

Candida albicans



Candida glabrata



Comparison of the kill kinetic assays for occidiofungin and for Brexafemme

Occidiofungin is a true fungicidal antifungal

OCF001: Gel Product Formulation



Head-to-Head Compare with Monistat, Monistat 3[™] (<u>4% miconazole</u>). Note concentrations

NIH-approved mouse model of vulvovaginal candidiasis

OCF001 demonstrates superior activity compared to miconazole, the current leading treatment for vulvovaginal candidiasis.

OCF001 – Gel Formulation





Complete reduction in viable yeast by 16 hours testing the RVVC OCF001 drug product.



Relevant Publications

<u>1. Previously Uncharacterized Variants, OCF-E-OCF-J, of the Antifungal Occidiofungin Produced by Burkholderia contaminans MS14.</u>

Hansanant N, Cao K, Tenorio A, Joseph T, Ju M, McNally N, Kummari E, Williams M, Cothrell A, Buhrow AR, Shin R, Orugunty R, **Smith L.** J Nat Prod. 2024 Feb 23;87(2):186-194. doi: 10.1021/acs.jnatprod.3c00777. Epub 2024 Jan 26. PMID: 38277493 Free PMC article.

2. Sano Chemicals introduces Occidiofungin: the fungus killer.

Miles J, Smith L, Nature Biopharma Dealmakers. June 2024 ISSN 2730-6283 (online) ISSN 2730-6275 (print)

3. Intravaginal Gel for Sustained Delivery of Occidiofungin and Long-Lasting Antifungal Effects. Cothrell A, Cao K, Bonasera R, Tenorio A, Orugunty R, Smith L. Gels. 2023 Sep 29;9(10):787. doi: 10.3390/gels9100787.PMID: 37888361 Free PMC article.

<u>4. Occidiofungin inhibition of Candida biofilm formation on silicone elastomer surface.</u> Kumpakha R, Gordon DM. Microbiol Spectr. 2023 Dec 12;11(6):e0246023. doi: 10.1128/spectrum.02460-23. Epub 2023 Oct 10.PMID: 37816202 Free PMC article.

5. A Polyketide Synthetase Gene Cluster Is Responsible for Antibacterial Activity of *Burkholderia contaminans* MS14. Deng P, Jia J, Foxfire A, Baird SM, Smith LJ, Lu SE. Phytopathology. 2023 Jan;113(1):11-20. doi: 10.1094/PHYTO-03-22-0106-R. Epub 2023 Jan 13.PMID: 35913221

6. Occidiofungin: Actin Binding as a Novel Mechanism of Action in an Antifungal Agent. Hansanant N, Smith L. Antibiotics (Basel). 2022 Aug 23;11(9):1143. doi: 10.3390/antibiotics11091143. PMID: 36139923 Free PMC article. Review.

7. Synthesis and characterization of semisynthetic analogs of the antifungal occidiofungin. Geng M, Hansanant N, Lu SE, Lockless SW, Shin R, Orugunty R, **Smith L.** Front Microbiol. 2022 Dec 13;13:1056453. doi: 10.3389/fmicb.2022.1056453. eCollection 2022.PMID: 36583054 Free PMC article.

8. Formulation, Pharmacological Evaluation, and Efficacy Studies of Occidiofungin, a Novel Antifungal.

Ravichandran A, Escano J, Lee JH, Ross MK, Austin F, Orugunty R, Lu SE, Smith L. Antimicrob Agents Chemother. 2020 Nov 17;64(12):e01737-20. doi: 10.1128/AAC.01737-20. Print 2020 Nov 17. PMID: 32958713 Free PMC article.



Relevant Publications

9. Novel Antiparasitic Activity of the Antifungal Lead Occidiofungin.

Ma J, Guo F, Jin Z, Geng M, Ju M, Ravichandran A, Orugunty R, Smith L, Zhu G, Zhang H. Antimicrob Agents Chemother. 2020 Jul 22;64(8):e00244-20. doi: 10.1128/AAC.00244-20. Print 2020 Jul 22. PMID: 32457108 Free PMC article.

10. A Novel Actin Binding Drug with In Vivo Efficacy.

Ravichandran A, Geng M, Hull KG, Li J, Romo D, Lu SE, Albee A, Nutter C, Gordon DM, Ghannoum MA, Lockless SW, Smith L. Antimicrob Agents Chemother. 2018 Dec 21;63(1):e01585-18. doi: 10.1128/AAC.01585-18. Print 2019 Jan. PMID: 30323040 Free PMC article.

11. Comparative genome-wide analysis reveals that Burkholderia contaminans MS14 possesses multiple antimicrobial biosynthesis genes but not major genetic loci required for pathogenesis.

Deng P, Wang X, Baird SM, Showmaker KC, Smith L, Peterson DG, Lu S. Microbiologyopen. 2016 Jun;5(3):353-69. doi: 10.1002/mbo3.333. Epub 2016 Jan 14. PMID: 26769582 Free PMC article.

12. Toxicological Evaluation of Occidiofungin against Mice and Human Cancer Cell Lines

Hing, S., Ravichandran, A., Escano, J., Cooley, J., Austin, F., Lu, S., Pruett, S. and Smith, L. (2014) Toxicological Evaluation of Occidiofungin against Mice and Human Cancer Cell Lines. *Pharmacology & Pharmacy*, **5**, 1085-1093. doi: 10.4236/pp.2014.511118.

13. The Burkholderia contaminans MS14 ocfC gene encodes a xylosyltransferase for production of the antifungal occidiofungin. Chen KC, Ravichandran A, Guerrero A, Deng P, Baird SM, **Smith L**, Lu SE. Appl Environ Microbiol. 2013 May;79(9):2899-905. doi: 10.1128/AEM.00263-13. Epub 2013 Feb 22. PMID: 23435879 **Free PMC article.**

14. The presence of two cyclase thioesterases expands the conformational freedom of the cyclic Peptide occidiofungin. Ravichandran A, Gu G, Escano J, Lu SE, Smith L. J Nat Prod. 2013 Feb 22;76(2):150-6. doi: 10.1021/np3005503. Epub 2013 Feb 8. PMID: 23394257 Free PMC article.

15. The antifungal occidiofungin triggers an apoptotic mechanism of cell death in yeast. Emrick D, Ravichandran A, Gosai J, Lu S, Gordon DM, Smith L. J Nat Prod. 2013 May 24;76(5):829-38. doi: 10.1021/np300678e. Epub 2013 May 14. PMID: 23672235



Relevant Publications

16. Served with a twist.

Goodman, C. Nat Chem Biol 9, 215 (2013). https://doi.org/10.1038/nchembio.1221

17. Nonclinical toxicological evaluation of occidiofungin, a unique glycolipopeptide antifungal. Tan W, Cooley J, Austin F, Lu SE, Pruett SB, **Smith L.** Int J Toxicol. 2012 Jul-Aug;31(4):326-36. doi: 10.1177/1091581812445185. Epub 2012 Jun 11. PMID: 22689636

18. Occidiofungin's chemical stability and in vitro potency against Candida species. Ellis D, Gosai J, Emrick C, Heintz R, Romans L, Gordon D, Lu SE, Austin F, **Smith L.** Antimicrob Agents Chemother. 2012 Feb;56(2):765-9. doi: 10.1128/AAC.05231-11. Epub 2011 Nov 21. PMID: 22106210 Free PMC article.

<u>19. Genetic and biochemical map for the biosynthesis of occidiofungin, an antifungal produced by Burkholderia contaminans strain MS14.</u> Gu G, Smith L, Liu A, Lu SE. Appl Environ Microbiol. 2011 Sep;77(17):6189-98. doi: 10.1128/AEM.00377-11. Epub 2011 Jul 8. PMID: 21742901 Free PMC article.

20. Biosynthesis of an antifungal oligopeptide in Burkholderia contaminans strain MS14. Gu G, Smith L, Wang N, Wang H, Lu SE. Biochem Biophys Res Commun. 2009 Mar 6;380(2):328-32. doi: 10.1016/j.bbrc.2009.01.073. Epub 2009 Jan 22. PMID: 19167363

21. Occidiofungin, a unique antifungal glycopeptide produced by a strain of Burkholderia contaminans.

Lu SE, Novak J, Austin FW, Gu G, Ellis D, Kirk M, Wilson-Stanford S, Tonelli M, Smith L. Biochemistry. 2009 Sep 8;48(35):8312-21. doi: 10.1021/bi900814c. PMID: 19673482 Free PMC article.

22. AmbR1 is a key transcriptional regulator for production of antifungal activity of Burkholderia contaminans strain MS14.

Gu G, Wang N, Chaney N, Smith L, Lu SE. FEMS Microbiol Lett. 2009 Aug;297(1):54-60. doi: 10.1111/j.1574-6968.2009.01653.x. Epub 2009 May 28. PMID: 19500142

