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For: US Specialty Formulations, LLC **FOR IMMEDIATE RELEASE**

RESEARCH DEMONSTRATES BENEFITS OF ORAL COVID-19 VACCINE

QYNDR Vaccine Can Survive the Acidity of the Stomach and Reduces Viral Shedding

Allentown, PA – Human clinical and pre-clinical data has shown that QYNDR, the oral-mucosal COVID vaccine particle, can survive stomach acidity and train the lymphatic system to recognize and respond to vaccine targets, in this case, COVID strains. As a mucosal vaccine, it also reduces the amount of vial 'shedding,' which is how an infected person spreads the live COVID-19 and many other respiratory viruses through nasal or oral secretions. This is possible because mucosal vaccines are delivered to the body via the oral route rather than injected into the bloodstream providing more "bang for the buck" in terms of protection.

Having an oral vaccine that can survive the acidity of the stomach and reduce viral shedding is a significant development for two reasons:

1.) Once the oral vaccine passes the stomach and into the intestines, it can deliver the antigen to the lymphatic system, which starts the body's process of anti-body generations, thus assisting in 'preventing' the virus from taking hold in the host. If the virus is able to overwhelm the immune system, then the effects/host should not suffer life-threatening trauma.
2.) A person who receives an injectable vaccine can continue to 'shed' the live virus as their body fights the internal infection. However, having an effective oral mucosal vaccine is believed to reduce the amount of shedding, leading to a reduction in outbreaks and the development of variants. This is a key point to global infectious disease and health departments attempting to halt the spread of disease.

There are several additional advantages to an oral mucosal-based vaccine over conventional injectable vaccines, such as fewer side effects, they can be self-administered and they do not need to be refrigerated. In fact, the QYNDR vaccine can withstand temperatures up to 143°F/60°C. This makes the vaccine easier to transport to remote locations since it does not require special handling, a perfect vaccine platform for any serious vaccination campaign.

Additionally, the QYNDR vaccine is 10ml of a drinkable liquid, much like water, without a taste or smell. Dr. Kyle Flanigan, US Specialty Formulations (USSF) CEO and Co-founder, describes it

as a "swish and swallow" method. Future variations could contain a cocktail of several different vaccine particles. For example, it could include two (2) flu strains and six (6) COVID variants.

The proprietary technology available to USSF allows the company to tailor the platform – or vaccine targets – to a variety of different targets as USSF is looking for additional collaborations for just this purpose.

USSF completed the first stage of clinical trials and is proceeding into the second and third stages. Due to the magnitude of participants and global reach of these trials, USSF is seeking government and corporate funding. Succeeding in these trials will demonstrate the flexibility and power the oral QYNDR delivery technology provides, while the evidence concludes the vaccine may provide better overall protection than that of injectable vaccines – thus providing another tool in safeguarding domestic populations and internationally.

About USSF

A minority-controlled business and manufacturer of sterile injectable, topical and specialty pharmaceuticals. It manufactures its own branded prescription products and provides clinical materials for investigational new drug applications, specialty formulations, adjuvants and fermentation and purification services requested by biotech companies.

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FOR IMMEDIATE RELEASE

INVESTORS DISCOVER A KINDER VACCINE AT JPMORGAN BIOTECH FORUM

No needles or nasal administration – just a simple oral vaccine to protect against many common viruses

ALLENTOWN, Pennsylvania - Finding the most comfortable, convenient vaccine to protect against cold and flu season can be a feat with a limited pool of options. But there is a kinder vaccine platform in development at US Specialty Formulations (USSF): QYNDR. The cutting-edge oral vaccine was created in response to the U.S. government's call for more COVID-19 vaccines and may be a successful yet versatile option against many viruses and illnesses, from common colds, flus and COVID to West Nile, MERS, Group A Strep and Nipah.

USSF will attend the JPMorgan Biotech Week from January 9th to 13th in San Francisco. Co-Founders Dr. Kyle Flanigan, Ph.D. and Dr. Garry Morefield, Ph.D. will be taking the opportunity to discuss their new vaccine, QYNDER, a 'kinder' vaccine with their peers, leading biotech executives, investors, and other industry stakeholders.

"QYNDR is a vaccine that we developed out of urgency but has demonstrated in its Phase I human clinical trial, feasibility as a solution to better protect against not only SARS-CoV-2 but a range of viruses. In early 2020, our biotech firm was approaching the clinical trial stage of an oral DTaP vaccine and was able to pivot the development to create QYNDR. Through induction of mucosal IgA and serum IgG, this vaccine will make administration, adherence and protection better and more accessible for all," said Co-Founder and CEO Dr. Kyle Flanigan, Ph.D.

The protein-based oral (mucosal) vaccine was formulated by Dr. Flanigan and Co-Founder and COO Dr. Garry Morefield, Ph.D. and their accomplished team of scientists. With decades of experience in pharmaceutical development and medical performance materials, they established a complex solution for a simple-to-take vaccine supported by extensive research that oral vaccines boast numerous advantages over injectables. These include:

- **Fewer side effects and long-lasting protection:** After taking QYNDR, acceptable levels of antibodies persist for a significant amount of time without negative side effects.

By adding an oral vaccine to complement the world's vaccine mRNA arsenal, larger populations can be protected against viruses due to its ease of use.

- **Adaptable:** Oral mucosal vaccines have shown cross-strain protection and are positioned to be updated as viruses mutate.
- **Convenient:** QYNDR vaccines do not require medical administration, just open the bottle and drink. They are also shelf stable, which means no refrigeration or other special handling.
- **Reduced risk of transmission (shedding):** Recent data shows that immunized people continue to 'shed' live viruses after exposure. These mucosal vaccines are believed to reduce the amount of virus in the mucosa, reducing the risk of virus shedding and stopping the spread.
- **Supplying the demand:** QYNDR can help meet the underserved demand for global vaccines, which is higher than what the large suppliers provide. It does not require refrigeration to transport, distribute or store, making it more accessible.

"We are thrilled to be attending the JPM Biotech Week and to have the opportunity to meet with key players in the industry," said Dr. Flanigan, Co-Founder and CEO of USSF. "We believe that this week will provide a valuable opportunity for us to discuss our innovative technology and to find additional resources to help us continue driving our QYNDR vaccine mission forward." With more investments, QYNDR has the potential to become an over-the-counter vaccine. USSF has already completed the first stage of clinical trials.

USSF has completed the first stage of clinical trials and has proceeded into the second and third stages. It will continue to undergo the final stages of clinical trials and funding initiatives before announcing QYNDR's official launch date. With funding for additional testing, QYNDR has the potential to become an over-the-counter vaccine.

About USSF

A minority-controlled business and manufacturer of sterile injectable, topical and specialty pharmaceuticals. It manufactures its own branded prescription products and provides clinical materials for investigational new drug applications, specialty formulations, adjuvants and fermentation and purification services requested by biotech companies.

To keep up to date on the latest about the QYNDR vaccine, please visit USSF.

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For: US Specialty Formulations, LLC

FOR IMMEDIATE RELEASE

A KINDER VACCINE COMING FOR COLD & FLU SEASON

No needles or nasal administration – just a simple oral vaccine to protect against many common viruses

ALLENTOWN, Pennsylvania – Finding the most comfortable, convenient vaccine to protect against cold and flu season can be a feat with a limited pool of options. But there is a kinder vaccine in development at US Specialty Formulations (USSF): QYNDR. The cutting-edge oral vaccine was created in response to the U.S. government's call for more COVID-19 vaccines and may be a successful yet versatile option against many viruses and illnesses, from common colds, flus and COVID to West Nile, MERS, Ebola and Nipah.

"QYNDR is a vaccine that we developed out of urgency but has, because of extensive clinical trials, become a feasible solution to better protection against not only SARS-CoV-2 but a range of viruses. In early 2020, our biotech firm was approaching the clinical trial stage of an oral DTaP vaccine and was able to pivot the development to create QYNDR. Through induction of mucosal IgA and serum IgG, this vaccine will make administration, adherence and protection better and more accessible for all," said Co-Founder and CEO Dr. Kyle Flanigan, Ph.D.

The protein-based oral (mucosal) vaccine was formulated by Dr. Flanigan and Co-Founder and COO Dr. Garry Morefield, Ph.D. and their accomplished team of scientists. With decades of experience in pharmaceutical development and medical performance materials, they established a complex solution for a simple-to-take vaccine supported by extensive research that oral vaccines boast numerous advantages over injectables. These include:

- **Fewer side effects and longer-lasting protection:** After taking QYNDR, acceptable levels of antibodies persist for a significant amount of time without negative side effects. By adding an oral vaccine to complement the world's vaccine mRNA arsenal, populations can be protected against viruses longer due to its ease of use.
- **Adaptable:** Oral vaccines have shown cross-strain protection and are positioned to be updated as viruses mutate.
- **Convenient:** QYNDR vaccines do not require medical administration, just open the bottle and drink.

- **Reduced risk of transmission (shedding):** Recent data shows that immunized people continue to 'shed' live viruses after exposure. This vaccine reduces the amount of virus in the mucosa, reducing the risk of virus shedding and stopping the spread.
- **Supplying the demand:** QYNDR can help meet the underserved demand for global vaccines, which is higher than what the large suppliers provide. It does not require refrigeration to transport, distribute or store, making it more accessible.

USSF has completed the first stage of clinical trials and has proceeded into the second and third stages. It will continue to undergo the final stages of clinical trials and funding initiatives before announcing QYNDR's official launch date. With funding for additional testing, QYNDR has the potential to become an over-the-counter vaccine.

About USSF

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To keep up to date on the latest about the QYNDR vaccine, please visit USSF.

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For: Ben Franklin Technology Partners

FOR IMMEDIATE RELEASE

US SPECIALTY FORMULATIONS WINS BEN FRANKLIN TECHNOLOGY PARTNERS OF NORTHEASTERN PENNSYLVANIA'S R. CHADWICK PAUL, JR. INCUBATOR GRADUATE AWARD

Bio-tech leader honored for its quality pharmaceutical manufacturing, state-of-the-art processes, and development of game changing oral COVID vaccine

ALLENTOWN, Pennsylvania – US Specialty Formulations of Allentown, Pennsylvania, co-founded by Dr. Kyle Flanigan and Dr. Garry Morefield, will be recognized by the Ben Franklin Technology Partners of Northeastern Pennsylvania (BFTP_NEPA) during its annual iXchange event, to be held virtually this year at 3:30-5:00 PM on Wednesday, May 18. The event honors early-stage technology companies, established manufacturers, and individuals who have helped advance the technology economy in northeastern Pennsylvania. US Specialty Formulations will receive the R. Chadwick Paul, Jr. Incubator Graduate Award for its success in providing state-of-the-art quality processes to pharmaceutical manufacturing and development, and effectively overcoming challenges in the development of its game-changing oral COVID vaccine.

This new oral vaccine platform and oral COVID-19 vaccine candidate help better reduce the transmission of the COVID virus. In addition, it provides a better safety profile with a more pleasant user experience post vaccination, and is additionally more easily distributed due to its high temperature stability (up to 145°F) when compared to existing injectable vaccines. Ben Franklin has been an ongoing supporter of this bio-tech company since its establishment in 2013.

"We are grateful to the Ben Franklin Technology Partners for its faith in the vision I articulated from the very beginning, as well as the support it has continuously provided to us through its financial investments in US Specialty Formulations," said Dr. Flanigan. "Ben Franklin's support has helped us fulfill our mission in revolutionizing the pharmaceutical manufacturing industry. Ben Franklin also supported our pivoting this technology from other oral vaccine development efforts into the new oral COVID vaccine, developed in conjunction with VaxForm. Bringing this oral vaccine to the market is essential as we continue to see additional variants emerge.

US Specialty Formulations Co-Founder Dr. Morefield added, "Through the development of our oral platform and validation using the oral COVID vaccine, we have achieved a huge leap in vaccine technology. US Specialty Formulations now has a pipeline beyond COVID for creating oral vaccines, to address other respiratory diseases and enteric diseases that continue to afflict populations worldwide."

Dr. Flanigan and Dr. Morefield co-founded US Specialty Formulations in 2013 with just $100,000, building the company's first clean room in Ben Franklin TechVentures, BFTP_NEPA's business technology incubator in Bethlehem, Pennsylvania, from a kit. Since then, they have grown it into one of today's up-and-coming boutique bio-tech pharmaceutical development and manufacturing companies, known by its customers for high quality and flexibility.

With a credentialed portfolio that includes a range of vaccine candidates and small molecule formulations, along with botanical pharmaceutical grade extracts, Dr. Flanigan and Dr. Morefield have the expertise and equipment to bring their safe, accessible mucosal oral vaccine to market. Their formula was developed after the company pivoted from its efforts in developing an oral DTaP (Diphtheria, Tetanus, and acellular-Pertusis), a childhood vaccine most of the population has received that was originally targeted for human clinical trials in early 2020.

US Specialty Formulations has completed the first-stage human clinical trials of its oral COVID vaccine and plans to roll out its second-stage human trials in the U.S. and abroad. Despite there being several injectable vaccines already approved, there is still a great need for more vaccines in areas of the world with poor distribution infrastructure and/or faltering vaccination programs.

USSF is seeking $60 million in funding for this trial. Succeeding in these trials will further prove that US Specialty Formulations' oral vaccine provides better protection than that of injectable vaccines through use of two lines of defense, (IgA Mucosal and IgG blood stream delivery), with the benefit of fewer side effects. In leading this oral vaccine to market, this brings us another step closer to a safer population for our nation and the world.

"Ben Franklin competitively selected USSF for our Incubator Graduate Award in recognition of the incredible skill and tenacity Dr. Flanigan and Dr. Morefield exhibited in developing and executing their product concept," said Laura Eppler, Chief Marketing Officer of the Ben Franklin Technology Partners of Northeastern Pennsylvania. "Their products address real market needs. We have high hopes for USSF's continued success in improving the human condition while creating highly paid, sustainable jobs."

The iXchange is a premier business/technology event in northeastern Pennsylvania, during which the Ben Franklin Technology Partners of Northeastern Pennsylvania presents six innovation awards to early-stage technology companies, established manufacturers, and individuals who have helped Ben Franklin to advance the technology economy of northeastern Pennsylvania. Other awards presented at this event will include The Entrepreneurial Achievement Award, The Product Innovation Award, The Innovative Application of Technology Award, The Manufacturing Achievement Award, and The Frederick J. Beste III Partnership Award. The iXchange is presented virtually and free-of-charge to guests; register at https://ixchange.ticketmambo.com/index.cfm?e=home.

About the Ben Franklin Technology Partners of Northeastern Pennsylvania

The Ben Franklin Technology Partners of Northeastern Pennsylvania (BFTP_NEPA) creates and retains highly paid, sustainable jobs by investing in and linking companies with experts, universities, follow-on funding, and other resources to help them prosper through innovation. It is part of a four-center economic development initiative of the Pennsylvania Department of Community and Economic Development and is funded by the Ben Franklin Technology Development Authority.

BFTP_NEPA owns, manages, and is headquartered in Ben Franklin TechVentures®, an award-winning business incubator/post-incubator facility on Lehigh University's campus in Bethlehem. BFTP_NEPA also owns and manages the Bloomsburg Regional Technology Center. Applying more than 38 years of experience and two international awards for excellence in business incubation, BFTP_NEPA leads a 14-member business incubator network that is among the largest in the nation.

About US Specialty Formulations, LLC

US Specialty Formulations, LLC (USSF) is both a bio-pharmaceutical contract manufacturing (CMO) and bio-pharmaceutical contract development organization (CDMO). USSF was founded in 2013 with friends and family funding as well as start-up loans from the Ben Franklin Technology Partners of Northeastern Pennsylvania. Initially the company consisted of only its two co-founders Drs. Flanigan and Morefield. The original facilities were built by the two of them from cleanroom kits and installed in the rented space within Ben Franklin TechVentures, a technology business incubator. The companies first contract fill was completed in November of 2014 and its first commercial product released for sale in January of 2015. In 2019, the firm relocated into its new 41,800 ft^2 (3,888m^2) facility. The company now employs 16 full-time staff with several consultants to support a variety of projects. USSF services customers in the USA as well as in EU, Canada, and UK. USSF supplies a variety of different finished injectable drugs to the market, including botanical distillates, small-molecule, and perfusion chemistries, as well as vaccines. USSF is providing formulation guidance and clinical materials into more than 11 clinical trials being conducted in the USA. Procedures, protocols, and infrastructure have been built up over the years, as these are critical to ensuring a new therapy successfully emerges from regulatory review processes. To learn more about USSF, please visit its website.

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FOR IMMEDIATE RELEASE

IN A RACE TO DEVELOP AN ORAL COVID-19 VACCINE,
THIS SMALL, BLACK-OWNED BIO-TECH COMPANY HAS A SOLUTION
How one small bio-tech company started from the ground-up to develop a safer, easier oral COVID-19 Vaccine

ALLENTOWN, Pennsylvania – Injectable vaccines were administered as an initial solution to help protect people from COVID-19. But the race to bring an oral vaccine to the market continues. In that hurdle to the finish line, is Dr. Kyle Flanigan, Ph.D. and his small bio-tech company, US Specialty Formulations LLC (USSF). Since the onset of the pandemic, he, along with Co-Founder Dr. Garry Morefield, Ph.D. and their team have worked tirelessly to develop an easy to administer oral vaccine that will offer not only protection against COVID-19, but with less side effects with more accessible storage and transport options than existing injectable vaccines.

Dr. Flanigan is one of the very few Black owners of a biotech company. Since co-founding USSF with just $100,000, he has grown the site into a successful biotech and pharmaceutical facility. With a credentialed portfolio that includes a range of vaccine candidates and small molecule formulations along with botanical pharmaceutical grade extracts, Dr. Flanigan and Dr. Morefield have the expertise and equipment to bring their safe, accessible mucosal vaccine to market. Their formula is pivoted from an oral DTaP (Diphtheria), a childhood vaccine most of the population has received that was originally targeted for human clinical trials in early 2020.

How will USSF's oral vaccine help the fight against COVID-19?

1. **Protect against mutations:** Every COVID-19 infection provides an opportunity for the virus to mutate. Mutations will have a high chance to breakthrough previous rounds of vaccines so it's imperative we be ready with new and improved vaccines. USSF's oral vaccine is uniquely positioned to update thoroughly as new variants are identified.

2. **Reduce Risk of Transmission:** Recent data shows that even immunized people 'shed' live virus after exposure into their surroundings. This mucosal type vaccine also acts to significantly reduce the quantity of virus in the mucosal cavities, thus reducing the 'shedding' effect and risk of transmission.

3. **Less side effects and longer-lasting protection:** Conventional mRNA (Messenger RNA) injectable vaccines can be developed and made to work quickly, but they can be full of side effects. While there are high levels of protection early on, the levels drop off. Initially it was important to get a vaccine on the market; speed was important. This oral vaccine has shown that the acceptable levels of antibodies persist for a significant time

and that after administration of the vaccine no meaningful side effects are observed. Adding a mucosal oral vaccine to the worlds vaccine mRNA arsenal allows populations to protect against COVID-19 for much longer due to ease of use and less discomfort to those taking the vaccine.

4. **Supplying the demand:** USSF's oral vaccine is a solution to global vaccine demand, which is higher than the current three U.S. suppliers can meet. The components used in producing the oral vaccine come from a separate supply chain extending from conventional pharma markets, which is why it is not constrained by persisting supply chain issues. The manufacturing requirements to produce this vaccine safely are also significantly different, thus allowing USSF to ramp to significant quantiles quickly as various organizations place orders. It doesn't require cold chain storage (refrigeration) to be transported and distributed, making it far more accessible for remote locations in the USA as well as global populations.
5. **Convenience:** USSF's oral vaccine doesn't require medical administering in order for it to be issued. To administer the vaccine, one merely has to open the bottle and drink.

USSF completed the first stage of clinical trials and is proceeding into the second and third stages, which often requires government funding. Succeeding in these trials will prove Dr. Flanigan and his team's oral vaccine provides equivalent or better protection than that of injectable vaccines through use of two lines of defense, (IgA Mucosal and IgG blood stream delivery), plus, less side effects – another step closer to a safer population in the USA and abroad.

To learn more about USSF, please visit its website.

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THE INDEPENDENT BIOTECH FACILITY IS ON A MISSION TO BRING A MUCOSAL COVID VACCINE TO MARKET AND MITIGATE THE SPREAD OF THE VIRUS WORLDWIDE

ALLENTOWN, Pennsylvania – From a small bio-tech firm in Allentown, Pennsylvania two scientists are leading their team to bring an oral COVID-19 vaccine to market – one that will be easier to use, longer lasting and with less side effects. Dr. Kyle Flanigan and Dr. Garry Morefield co-founded US Specialty Formulations LLC (USSF) through a series of discussions while watching their daughters compete in gymnastics. With just $100,000 and the ambition to grow their site into a successful biotech and pharmaceutical facility. Today, the 41,000 sq. ft. manufacturing facility spans over two acres and has become a hub of experts creating diverse solutions, applications and approaches to help clients overcome hurdles in drug discovery and development.

USSF is a minority-controlled business that is a certified Current Good Manufacturing Practice (cGMP) manufacturer of sterile injectable, topical and specialty pharmaceuticals. It manufactures its own branded prescription products, in addition to providing clinical materials for investigational new drug applications. specialty formulations, adjuvants and fermentation and purification services requested by a variety of biotech companies.

The USSF team applies Agile High-Performance Teams system to facilitate collaboration and problem solving – ensuring each of their and their clients' products go to market efficiently and seamlessly. From initial stages of development to commercial manufacture, they leverage their proven methods, analytics, scale-up technologies and technology transfer to guide both small compound and vaccine development.

With a credentialed portfolio that includes a range of vaccine candidates and small molecule formulations along with botanical pharmaceutical grade extracts, Dr. Flanigan and Dr. Morefield have the expertise and equipment to bring their safe, accessible mucosal COVID-19 vaccine to market. Their formula was pivoted from an oral DTaP (Diphtheria), a childhood vaccine most of the population has received that was originally targeted for human clinical trials in early 2020.

About the founders

Co-Founder and CEO Dr. Kyle Flanigan, Ph.D.

With more than 25 years of experience, Dr. Kyle Flanigan, Co-founder and CEO of US Specialty Formulations LLC (USSF), is an expert in all pharmaceutical and medical performance materials

development stages. He consults with several companies, providing robust and stable solutions and services for formulation, scale-up technology, contingency planning, supply-chain issues, quality systems implementation and new facility design. He brings this knowledge and guidance to USSF's manufacturing and development teams enabling their clients' and their pharmaceutical and medical developments on the best path to market.

Dr. Flanigan shared his expertise in top-tier and niche publications, such examples are:

- Startup USSF bringing oral COVID vaccine to market, Labiotech
- The Future of Travel in the Post-COVID World, Medium.com
- White Paper: Vaccine Trend Report: The Latest Challenges and Opportunities, BioPharma Dive

Before becoming one of the few Black Ph.D.'s to co-found and own a biotech firm, Dr. Flanigan's former positions include serving as the Director of Electronic Materials with Avantor (formerly Mallinckrodt/Baker, Inc.) and Sr. Staff Scientist within Technology and Manufacturing, Fab Materials (Intel Corporation).

When he is not at the USSF facility or spending time with his wife, two daughters and two dogs, Dr. Flanigan loves travel, exploration, aerospace and is a semi-active private pilot. He was a member of the Bison and Husky Ski/Snowboard Teams and enjoys drone photography.

Co-founder and COO Dr. Garry Morefield, Ph.D.
In addition to co-founding USSF, Dr. Garry Morefield founded VaxForm LLC. He brings more than two decades of experience in all stages of development and production in the biologics and pharmaceutical industries. Before joining Dr. Flanigan in creating their own facility for consulting and product development in their local city, he served as deputy director of formulation and stability at Sanofi-Pasteur. Inc.

Dr. Morefield has been closely involved in various industrial collaborations that have led to breakthrough innovations with Sanofi Pasteur; Pfizer; Astellas; Janssen; Serum Institute of India; Lundbeck; Affinivax; and Advanced Bioscience Laboratories (ABL). Throughout his career, he has also worked on the treatment and prevention of numerous diseases, including: Group A Strep; Covid-19; Pertussis; Group B Strep; Meningococcus; Influenza, C. Difficle; Hepatitis B; Rabies; Diphtheria; Tetanus; S. Aureus; HIV; Anthrax, Plague, Botulinum toxin and combination products.

To learn more about US Specialty Formulations LLC (USSF), please visit its website.

This press release contains forward-looking statements within the meaning of the amended Private Securities Litigation Reform Act of 1995. In some cases, forward-looking statements can be identified by terminology such as "will," may," "should," "could," "expects," "intends," "plans," "aims," "anticipates," "believes," "estimates," "predicts," "potential," "continues" or the negative of these terms or other comparable terminology. Not all forward-looking statements contain these words. The forward-looking statements in this press release are neither promises nor guarantees. You should not place undue reliance on these forward-looking statements

because they involve known and unknown risks, uncertainties and other factors, many of which are beyond US Specialty Formulations LLC's control and which could cause actual results to differ materially from those expressed or implied by these forward-looking statements. Except as required by law, US Specialty Formulations LLC disclaims any intention or responsibility for updating or revising any forward-looking statements contained in this press release in the event of new information, future developments or otherwise. These forward-looking statements are based on US Specialty Formulations LLC's current expectations and speak only as of the date of this press release.

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EDITOR'S NOTE: For more information about USSF and to arrange to speak with a company spokesperson, please contact Nancy Trent or Pamela Wadler at 212-966-0024 or pam@trentandcompany.com.

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FOR IMMEDIATE RELEASE

FACT SHEET

What's an oral vaccine?
Oral vaccines are designed to generate immune responses, including mucosal and systemic responses. Administration is far easier, as this type of vaccine just has to be swallowed through the mouth.

How are oral vaccines different, and in some cases more advantageous, than injectables?
Like injectable vaccines, Oral vaccines provide systemic protection which includes antibodies in the blood serum. Oral vaccines also provide an additional level of protection in that they also stimulate production of high levels of mucosal antibodies. Common mucosal locations are nose, throat and intestinal tract. Having a high level of antibodies in the nose and throat are thought to reduce the spread of the vaccine by reducing levels of nasal shedding. Additionally, the virus is being attacked by antibodies prior to entering the blood stream, while injectable vaccines require a person to become infected before the serum-based antibodies can attack the virus.

Oral vaccines are also easier to produce and distribute than injectable vaccines. USSF platform also offers enhanced thermal stability (up to 143oF) and does not require a healthcare professional to deliver the vaccine.

USSF's oral vaccine is a solution to global vaccine demand, which is higher than the current U.S. suppliers of injectables can meet. Having an oral vaccine on the market will ensure more people can get vaccinated worldwide.

Does USSF's oral vaccine need to be refrigerated in cold chain storage to work, like injectables or some other oral medications?
No, USSF's oral vaccine does not require cold chain storage, which is why it is so easy to transport, distribute and store to places, even hard to reach ones, around the globe. Studies have shown it is stable beyond 60˚C or 143˚F

How would someone take USSF's oral vaccine?
The oral vaccine does not require medical administering to use, so any adult can administer to themselves or someone they care for.

Can taking the USSF mucosal vaccine make me sick?
Historically, oral vaccines have very mild side effects and users do not experience the wide range of unpleasant side-effects observed from the mRNA injectable. They may also offer

longer protection. Clinical trial data of the USSF vaccine indicated a much more pleasant user experience post vaccination.

When will USSF's COVID-19 vaccine be available?
USSF completed most of the Phase One clinical trials, the initial 75-person human clinical trial demonstrated safety in humans as well as preliminary efficacy of this oral vaccine as a standalone.

Before going to market, oral vaccines require three phases of clinical trials, which will demonstrate USSF vaccine's use as a booster to the other vaccines already approved and on the market. USSF is seeking partnerships to initiate Phase II/III human clinical trials globally.

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