

Form 51-102F3
Material Change Report

1. Name and Address of Company

AREV Life Sciences Global Corp. (the "Company")

2. Date of Material Change

March 10, 2022

3. News Release

A press release was issued on March 10, 2022 and disseminated through Market News and Stockwatch.

4. Summary of the Material Change

AREV Life Sciences enters Into Collaboration Agreement with Richardson Centre for Functional Foods and Nutraceuticals, University of Manitoba

5. Full Description of the Material Change

VANCOUVER, BC / March 10, 2022 / AREV Life Sciences Global Corp. (CSE: AREV) (OTC: AREVF) ("AREV" or the "Company") AREV Life Sciences announced today it has engaged the University of Manitoba, Richardson Centre for Functional Foods and Nutraceuticals to complete the design and produce the prototypes of its Superior Utility Supplementation Therapeutic Agent for Indicated Nutritional Needs "SUSTAINN", AREV's next generation Ready to Use Therapeutic Food (RUTF.)

AREV, through its US subsidiary in Rochester NY, is developing the next generation, aflatoxin free RUTF for the treatment of SAM leading to inanition. AREV's SUSATAINN is being developed in collaboration with representatives of several academic research institutions, including the Institute for Human Virology (IHV), The Linus Pauling Institute (LPI) at Oregon State University (OSU) and the Richardson Centre for Functional Foods and Nutraceuticals "RCFFN" at the University of Manitoba.

The agreement dated, March 2, 2022, for RCFFN to assist in the design and formulation of a next generation truly therapeutic Ready to Use Therapeutic Food "RUTF". The project will be composed in two stages:

1. To research and propose 3 RUTF formulations for the client to consider, factoring in optimal amino acid content, fibre, fat, taste, cost and caloric build.
2. Once a RUTF is selected, RCFFN will prepare small batches of the RUTF in the RCFFN Commercial Kitchen.

AREV's SUSTAINN addresses the clinical causes of SAM and inanition which facilitate disease progression including dysbiosis, environmental enteropathy, elevated inflammation, and immune dysfunction that are associated with increased morbidity and mortality in key populations affected by disease progression as substantiated in multiple peer-review publications. SUSTAINN is being developed to meet and exceed guidance set forth by public health commodity procurement

programs such as USAID and UNICEF. The design is in accordance with the World Health Organization (WHO) Global Action Plan (GAP) for Child Wasting Guidelines published March 2021 and the UNICEF RUTF Procurement Guidance, published April 2021. The information in the WHO and UNICEF guidelines support the UN Millennium Development Goals (MDG's) identified at the 2012 Nutrition for Growth (N4G), summit held in Tokyo, which demonstrates definitive clinical affect with attribution of mechanisms of action for a diverse cost-effective intervention in patient populations in low- and middle-income countries dependent on global health commodity distribution through implementing Non-Government Organizations (NGO).

"AREV's development of SUSATAINN is now being enhanced by this collaboration with the Richardson Centre for Functional Foods and Nutraceuticals at the University of Manitoba" said Dr. Roscoe Moore, Chairman of the Scientific Advisory Board for AREV Life Sciences, and Board Member of Global Virus Network. He went on to say, *"Our product development and research from Linus Pauling Institute has provided the initial data to be applied with the scientists at The Richardson Centre for Functional Foods and Nutraceuticals in order to accelerate the introduction of SUSTAINN into public health commodity procurement program utilization to combat global famine and serious and acute malnutrition during the intersection of COVID-19 and other pandemic infections that are driving a global decline of life expectancy and childhood mortality."*

"We are excited to collaborate with AREV Life Sciences on this innovative product development project benefiting global public health. The development of SUSTAINN as a healthy, nourishing RUTF at a low-cost has the potential to bring significant nutritional value to populations experiencing famine." stated Michael Janzen, PhD, Research Development Manager, University of Manitoba, Richardson Centre for Functional Foods and Nutraceuticals.

The invasion of Ukraine comes at a time when the complete collapse of food security in Ethiopia, (Source <https://www.mercycorps.org/blog/fighting-hunger-ethiopia>) Venezuela (Source <https://www.frontiersin.org/articles/10.3389/fsufs.2021.635981/full>) and Afghanistan (source <https://www.orfonline.org/research/the-crisis-of-food-insecurity-in-afghanistan/>) places tens of millions at further risk of malnutrition and starvation. The recent introduction of the Global Malnutrition Prevention and Treatment Act (S.2956/H.R.4693), led by Senators Christopher Coons (D-DE), and Representative Gregory Meeks (D-NY) Chair of the House Committee for Foreign Affairs and USAID, America's international development agency, to support countries to address global famine by increasing coverage for high impact, proven and affordable interventions, including research on next generation therapeutic foods to treat severe acute malnutrition (SAM) that now is the leading cause of death of children worldwide and accounting for more than three million deaths annually and expected to exponentially increase in 2022. AREV's collaboration with the RCFN accelerates bringing SUSTAINN to the marketplace and in conjunction with other efforts by our academic partners so AREV can clearly demonstrate the clinical efficacy of our next generation RUTF.

More than two million people from Ukraine are now refugees and the UN is predicting 5 to 6 million more Ukrainians to flee as the conflict escalates, (source <https://www.bbc.com/news/world-60555472>) the majority being women and children to enter in neighbouring EU countries which have committed to unprecedented levels of humanitarian assistance for both refugees as well as those besieged in the conflict zone within the first week of the conflict. More than half of the one million Ukrainian refugees are children, according to Philippe Cori, UNICEF's Deputy Regional

Director for Europe and Central Asia. Those leaving Ukraine are mostly women and children. “The situation for children in Ukraine is getting worse by the minute. Children are being killed and injured. 7.5 million children are at risk,” Cori warned at a press conference in Paris on Thursday (3 March).

The Eleanor Crook Foundation, a recognized global policy leader in malnutrition and famine is on the record for their analysis of the current policies exacerbating the global famine “The scale of the problem is immense, but proven interventions to prevent and treat malnutrition are considered some of the most cost-effective solutions in global health and development.” (source <https://eleanorcrookfoundation.org/>).

In a United Nations published report dated November 2021 on Global Action Plan (GAP) for Child Wasting (source <https://www.childwasting.org/>). Key priority food action includes, strict quality assurance (QA) standards. Guarantee the safety and quality standards of locally produced specialized nutritious foods necessary for the treatment of child wasting. This can be achieved through better collaboration with the private sector and support efforts to prevent and reduce aflatoxin and other toxins in therapeutic foods.

6. **Reliance on subsection 7.1(2) or (3) of National Instrument 51 – 102**

Not applicable.

7. **Omitted Information**

Not applicable.

8. **Executive Officer**

Mike Withrow,
CEO and Director
Phone: (778) 379-8551

9. **Date of Report**

March 10, 2022