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CollPlant Biotechnologies Announces Patent Granted in U.S. for Photocurable Dermal Filler

- Intellectual Property Rights Secured in One of the Largest Target Markets for CollPlant's Potential Products -

REHOVOT, Israel, Nov. 1, 2023 /PRNewswire/ -- CollPlant Biotechnologies (Nasdaq: CLGN), a regenerative and aesthetics medicine company developing innovative technologies and products based on its non-animal-derived collagen for tissue regeneration and organ manufacturing, today announced that the U.S. Patent and Trademark Office has granted a patent that covers CollPlant's photocurable dermal filler product candidate, being developed for the aesthetics market.



U.S. Patent No. 11,801,329 is directed, among other things, to a method of filling tissue space under the epidermis by introducing a polymerizable filler solution into the tissue space and applying external light to induce *in-situ* polymerization. This newly issued patent is related to CollPlant's photocuring technology and serves as the basis of its photocurable dermal filler product pipeline currently under development. The polymerizable solution injected into the tissue space is comprised of a chemically modified recombinant human collagen (rhCollagen) and other constituents such as hyaluronic acid.

"This patent represents an integral part of the Company's strategy to expand the uses for its novel, rhCollagen technology into new, high-value markets. The U.S. is one of CollPlant's strategic target markets, and we see the strengthening of our intellectual property in this territory as a significant achievement," Yehiel Tal, CollPlant's Chief Executive Officer,

commented.

"In addition to its superior skin lifting capacity, the photocurable filler is designed to enable tissue regeneration and tissue contouring ability. This issued patent expiring in 2039 provides coverage for a regenerative photocurable dermal filler with contouring capabilities and we believe this will strengthen our position in the market for many years to come," he added.

About CollPlant

CollPlant is a regenerative and aesthetic medicine company focused on 3D bioprinting of tissues and organs, and medical aesthetics. The Company's products are based on its rhCollagen (recombinant human collagen) produced with CollPlant's proprietary plant based genetic engineering technology. These products address indications for the diverse fields of tissue repair, aesthetics, and organ manufacturing, and are ushering in a new era in regenerative and aesthetic medicine.

In 2021 CollPlant entered into a development and global commercialization agreement for dermal and soft tissue fillers with Allergan, an AbbVie company, the global leader in the dermal filler market.

For more information about CollPlant, visit <http://www.collplant.com>.

Forward-Looking Statements

This press release may include forward-looking statements. Forward-looking statements may include, but are not limited to, statements relating to CollPlant's objectives plans and strategies, as well as statements, other than historical facts, that address activities, events or developments that CollPlant intends, expects, projects, believes or anticipates will or may occur in the future. These statements are often characterized by terminology such as "believes," "hopes," "may," "anticipates," "should," "intends," "plans," "will," "expects," "estimates," "projects," "positioned," "strategy" and similar expressions and are based on assumptions and assessments made in light of management's experience and perception of historical trends, current conditions, expected future developments and other factors believed to be appropriate.

Forward-looking statements are not guarantees of future performance and are subject to risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statements. Many factors could cause CollPlant's actual activities or results to differ materially from the activities and results anticipated in forward-looking statements, including, but not limited to, the following: the Company's history of significant losses, its need to raise additional capital and its inability to obtain additional capital on acceptable terms, or at all; the Company's expectations regarding the timing and cost of commencing clinical trials with respect to tissues and organs which are based on its rhCollagen based BioInk and products for medical aesthetics; the Company's ability to obtain favorable pre-clinical and clinical trial results; regulatory action with respect to rhCollagen based BioInk and medical aesthetics products including but not limited to acceptance of an application for marketing authorization review and approval of such application, and, if approved, the scope of the approved indication and labeling; commercial success and market acceptance of the Company's rhCollagen based products, in 3D

Bioprinting and medical aesthetics; the Company's ability to establish sales and marketing capabilities or enter into agreements with third parties and its reliance on third party distributors and resellers; the Company's ability to establish and maintain strategic partnerships and other corporate collaborations; the Company's reliance on third parties to conduct some or all aspects of its product manufacturing; the scope of protection the Company is able to establish and maintain for intellectual property rights and the Company's ability to operate its business without infringing the intellectual property rights of others; current or future unfavorable economic and market conditions and adverse developments with respect to financial institutions and associated liquidity risk; the impact of competition and new technologies; general market, political, and economic conditions in the countries in which the Company operates; projected capital expenditures and liquidity; changes in the Company's strategy; and litigation and regulatory proceedings. More detailed information about the risks and uncertainties affecting CollPlant is contained under the heading "Risk Factors" included in CollPlant's most recent annual report on Form 20-F filed with the SEC, and in other filings that CollPlant has made and may make with the SEC in the future. The forward-looking statements contained in this press release are made as of the date of this press release and reflect CollPlant's current views with respect to future events, and CollPlant does not undertake and specifically disclaims any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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