

PolyPid to Present Phase 2 Results of D-PLEX for the Prevention of Surgical Site Infections in Abdominal Surgery at the American Society of Colon and Rectal Surgeons 2020 Annual Scientific Conference Recorded Sessions

PETAH TIKVA, Israel, July 27, 2020 — PolyPid Ltd. (Nasdaq: PYPD), a Phase 3 clinical-stage biopharmaceutical company focused on developing targeted, locally administered and prolonged-release therapeutics using its proprietary PLEX technology, today announced that Dr. Anthony Senagore, colorectal surgeon and a medical advisor to PolyPid, is presenting a recorded video presentation today highlighting previously presented key results from PolyPid's successfully completed Phase 2 clinical trial of D-PLEX₁₀₀ for the prevention of surgical site infections in abdominal surgery at the American Society of Colon and Rectal Surgeons (A.S.C.R.S.) 2020 Annual Scientific Conference Recorded Sessions.

The recorded video session will be available on the A.S.C.R.S. website beginning today, July 27th, and is based on an accepted abstract entitled, *"Local Constant Prolonged Release of an Antibiotic for the Prevention of Surgical Site Infections (SSI) Post Colorectal Resection Abdominal Surgeries"*. The presentation can be viewed here:

<https://fascrs.org/my-ascrs/meetings-events/ascrs-virtual-scientific-meeting>

About D-PLEX₁₀₀

PolyPid's lead product candidate, D-PLEX₁₀₀, is a novel product candidate designed to provide local prolonged anti-bacterial activity directly at the surgical site to prevent SSIs. Following the administration of D-PLEX₁₀₀ into the surgical site, the PLEX technology enables a prolonged and constant release of the broad-spectrum antibiotic doxycycline, resulting in high local concentration of the drug for a period of up to four weeks for the prevention of SSIs, with additional potential to treat antibiotic-resistant bacteria at the surgical site. D-PLEX₁₀₀ has received two Qualified Infectious Disease Product (QIDP) designations from the FDA for the prevention of sternal wound infection post-cardiac surgery and for the prevention of post-abdominal surgery incisional infection.

About PolyPid

PolyPid is a Phase 3 clinical-stage biopharmaceutical company focused on developing targeted, locally administered and prolonged-release therapeutics using its proprietary PLEX (Polymer-Lipid Encapsulation matrix) technology. PolyPid's product candidates are designed to address diseases with high unmet medical needs by pairing PLEX with drugs to deliver them directly to precise sites in the body at predetermined release rates and over durations ranging from several days to several months. PolyPid's lead product candidate, D-PLEX₁₀₀, is

in Phase 3 clinical trials for the prevention of sternal SSIs and abdominal SSIs. PolyPid's technology and products are based on the inventions of Dr. Noam Emanuel, the Founder and the Chief Scientific Officer of the company.

For additional company information, visit www.polypid.com.

Forward-looking Statements

This press release contains projections and other forward-looking statements regarding future events or our future financial performance. All statements other than present and historical facts and conditions contained in this release are forward-looking statements (within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended). These statements are only predictions and reflect our current beliefs and expectations with respect to future events and are based on assumptions and subject to risk and uncertainties and subject to change at any time. Actual events or results may differ materially from those contained in the projections or forward-looking statements. Forward-looking statements in this release are made pursuant to the safe harbor provisions contained in the Private Securities Litigation Reform Act of 1995. References and links to websites have been provided as a convenience, and the information contained on such websites is not incorporated by reference into this press release. PolyPid is not responsible for the contents of third-party websites.

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