

NEWS RELEASE**Endocyte Announces Presentation of Phase 2 Data from Investigator-Initiated Prostate Cancer Trial of ¹⁷⁷Lu-PSMA-617 at the 2018 American Society of Clinical Oncology (ASCO) Annual Meeting**

– PSA response rates in additional 20 mCRPC patients enrolled at Peter MacCallum Cancer Centre higher than previously reported for first group of 30 patients –

– Company to host and webcast investor event featuring physician panel on ¹⁷⁷Lu-PSMA-617 –

WEST LAFAYETTE, Ind., May 16, 2018 (GLOBE NEWSWIRE) – Endocyte, Inc.

(Nasdaq:ECYT), a biopharmaceutical company developing targeted therapeutics for personalized cancer treatment, today announced that a poster with data from the Peter MacCallum Cancer Centre will be presented on Endocyte's lead investigational therapy at the 2018 ASCO Annual Meeting on Saturday, June 2, 2018. Updated data from the phase 2 study of ¹⁷⁷Lu-PSMA-617 as a potential treatment for metastatic castration-resistant prostate cancer (mCRPC), including data from an additional 20 patient expansion cohort, will be highlighted by the poster.

“We are very pleased that we continue to see high rates of PSA response, even in heavily pre-treated patients,” said Mike Sherman, president and CEO of Endocyte. “In the 50 patients receiving ¹⁷⁷Lu-PSMA-617, 62% had a greater than 50% reduction in their PSA levels. Further, 44% of patients had a PSA reduction of 80% or greater. We look forward to sharing more information on this phase 2 trial at ASCO. We recently reported median overall survival of 13.5 months for the first cohort of 30 patients enrolled. The median overall survival in the total 50 patients is not yet meaningful as follow-up in the second cohort of 20 patients is between 6 and 9 months at the time of cutoff. Updated survival metrics will be presented at a future medical conference as that data matures.”

ASCO Presentation Details:

Abstract #: 5040 (Poster Board: #267)
Title: Lutetium-177 PSMA617 theranostics in metastatic castrate-resistant prostate cancer (mCRPC): Interim results of a phase II trial.
When: Saturday, June 2, 2018 at 1:15 p.m. – 4:45 p.m. CDT
Session Title: Genitourinary (Prostate) Cancer
Location: Hall A

Webcast Investor Event and ¹⁷⁷Lu-PSMA-617 Panel Discussion:

The Company will host a reception and webcast panel discussing ¹⁷⁷Lu-PSMA-617 for investors and analysts on Monday, June 4, 2018 from 6:00 p.m.- 8:00 p.m. CDT. Panelists scheduled to participate at the event include:

- Alison Armour, M.B., Ch.B., B.Sc, M.Sc, M.D., F.R.C.P., F.R.C.R., Chief Medical Officer, Endocyte
- Johann S de Bono, M.D., M.Sc, Ph.D, F.R.C.P., Regius Professor of Cancer Research; Professor, The Royal Marsden NHS Foundation Trust (UK)



- Oliver Sartor, M.D., C.E. & Bernadine Laborde Professor for Cancer Research; Medical Director, Tulane Cancer Center

A live audio webcast of the event can be accessed by visiting "Events & Presentations" under the Investors & News section of Endocyte's website at www.endocyte.com. The webcast will be archived shortly after the live event, and a replay will be available on the Company's website for at least 90 days following the event.

Website Information:

Endocyte routinely posts important information intended for investors on its website, www.endocyte.com, in the "Investors & News" section. Endocyte uses this website as a means of disclosing material information in legal compliance with its disclosure obligations under Regulation FD. Accordingly, investors should monitor the "Investors & News" section of Endocyte's website, in addition to following the company's press releases, SEC filings, public conference calls, presentations and webcasts. The information contained on, or that may be accessed through, the Endocyte website is not incorporated by reference into, and is not a part of, this document.

About Endocyte:

Endocyte is a biopharmaceutical company and leader in developing targeted therapies for the personalized treatment of cancer. The company's drug conjugation technology targets therapeutics and companion imaging agents specifically to the site of diseased cells. Endocyte's lead clinical program is an experimental prostate-specific membrane antigen (PSMA)-targeted radioligand therapy, ¹⁷⁷Lu-PSMA-617, entering phase 3 for metastatic castration-resistant prostate cancer (mCRPC). Endocyte also expects to have an Investigational New Drug application submitted in the fourth quarter of 2018 for its adaptor-controlled CAR T-cell therapy which will be studied initially in osteosarcoma. For additional information, please regularly visit Endocyte's website at www.endocyte.com.

Forward Looking Statements:

Certain of the statements made in this press release are forward looking, such as those, among others, relating to the company's future development plans and presentation and status of clinical data. Actual results or developments may differ materially from those projected or implied in these forward-looking statements. Factors that may cause such a difference include risks that the company or independent investigators may experience delays in submission and review of regulatory applications, execution of clinical trials and/or the processing of clinical data. More information about the risks and uncertainties faced by Endocyte, Inc. is contained in the company's periodic reports filed with the Securities and Exchange Commission. Endocyte, Inc. disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Investor Contact:

Stephanie Ascher, Stern Investor Relations, Inc., (212) 362-1200, stephanie@sternir.com