UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE TO

Tender Offer Statement under Section 14(d)(1) or 13(e)(1) of the Securities Exchange Act of 1934

CELATOR PHARMACEUTICALS, INC.

(Name of Subject Company (Issuer))

PLEX MERGER SUB, INC. JAZZ PHARMACEUTICALS PUBLIC LIMITED COMPANY

(Names of Filing Persons (Offerors))

Common Stock, Par Value \$0.001 Per Share (Title of Class of Securities)

> 15089R102 (CUSIP Number of Class of Securities)

Suzanne Sawochka Hooper, Esq. Executive Vice President and General Counsel

Jazz Pharmaceuticals Public Limited Company 3180 Porter Drive Palo Alto, California 94304 (650) 496-3777

Copy to:

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(Name, address, and telephone number of person authorized to receive notices and communications on behalf of filing persons)

CALCULATION OF FILING FEE

Transaction Valuation	Amount of Filing Fee*
N/A*	N/A*

Pursuant to General Instruction D to Schedule TO, a filing fee is not required in connection with this filing because it relates solely to preliminary communications made before the commencement of a tender offer.

 \Box Check the box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number, or the form or schedule and the date of its filing.

Amount Previously Paid: N/A Form of Registration No.: N/A Filing Party: N/A Date Filed: N/A

Example 2 Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer.

Check the appropriate boxes below to designate any transactions to which the statement relates:

- ☑ Third-party tender offer subject to Rule 14d-1.
- \Box Issuer tender offer subject to Rule 13e-4.
- Going-private transaction subject to Rule 13e-3.
- $\Box \quad \text{Amendment to Schedule 13D under Rule 13d-2.}$

Check the following box if the filing is a final amendment reporting the results of the tender offer. \Box

This filing relates solely to preliminary communications made before the commencement of a tender offer by Plex Merger Sub, Inc., a Delaware corporation ("Purchaser"), and an indirect wholly-owned subsidiary of Jazz Pharmaceuticals plc, an Irish public limited company ("Parent"), for all of the outstanding common stock of Celator Pharmaceuticals, Inc., a Delaware corporation ("Celator"), to be commenced pursuant to the Agreement and Plan of Merger, dated as of May 27, 2016, by and among Parent, Purchaser and Celator.

EXHIBIT INDEX

Exhibit Number Description

99.1 Letter from Jazz Pharmaceuticals plc's Chief Executive Officer to Celator Pharmaceuticals, Inc. employees, sent on May 31, 2016.

Dear Celator Employees:

I want to reach out and introduce you to Jazz Pharmaceuticals and let you know how excited we are about the transaction between our companies that was announced today.

Like Celator, we are focused on helping patients with highly specialized and significant unmet medical needs. Our passion for patients brings us to work each day, and our culture celebrates innovation and collaboration, attributes that will be enormously valuable when we begin working together.

Over the past several years, building our portfolio of great products and development programs has been one of our key priorities. To do this, we have successfully merged with or acquired companies that make up Jazz's global organization today. Of note, we acquired two companies in Europe with a great deal of hematology/oncology expertise. Employees of EUSA Pharma and Gentium joined Jazz after these acquisitions, and together we have achieved a great deal of success in bringing important products to patients in need. We worked together with the employees of Gentium to launch Defitelio[®] (defibrotide) in Europe just two months after our acquisition of Gentium, and in March 2016, we obtained approval of Defitelio[®] (defibrotide sodium) from the Food and Drug Administration. Both of these events were significant milestones for Jazz and all of our employees globally.

Our interest in Celator was based on the tremendous progress you've made in advancing innovative and important programs that can improve patient outcomes. And we're committed to helping further this progress, particularly in the case of VYXEOSTM (cytarabine:daunorubicin) Liposome for Injection.

I imagine that you have many questions about the structure and strategy of our company, how Celator would fit in and what this would mean for your career. Our goal is to work with the Celator team over the next few weeks to develop a specific integration plan that will minimize disruption and support you in achieving important upcoming milestones.

We greatly admire the wealth of knowledge you bring in R&D, scientific development, hematology and oncology and hope that you'll discover that Jazz is a great place for you personally and professionally.

I co-founded Jazz Pharmaceuticals more than 13 years ago and, along with the entire management team and employees of Jazz, am dedicated to helping patients and ensuring Jazz Pharmaceuticals is a great place to work. I look forward to getting to know you better during this process.

Sincerely,

Bruce

Additional Information and Where to Find It

The tender offer referenced in this communication (the "Offer") has not yet commenced and this communication is neither an offer to purchase nor a solicitation of an offer to sell shares of Celator or other securities, nor is it a substitute for the tender offer materials that Jazz Pharmaceuticals and its acquisition subsidiary will file with the SEC upon commencement of the tender offer. At the time the Offer is commenced, Jazz Pharmaceuticals and its acquisition subsidiary will file tender offer materials on Schedule TO, and Celator will file a Solicitation/Recommendation Statement on Schedule 14D-9 with the SEC with respect to the Offer. The tender offer materials (including an Offer to Purchase, a related Letter of Transmittal and certain other tender offer documents) and the Solicitation/Recommendation Statement, as they may be amended from time to time, will contain important information. Holders of Celator securities are urged to read these documents when they become available because they will contain important information that holders of Celator securities should consider before making any decision regarding tendering their securities. The Offer to Purchase, the related Letter of Transmittal and certain other tender offer securities should consider before making any decision regarding tendering their securities.

be made available to all holders of Celator securities at no expense to them. Investors and security holders may obtain free copies of these documents (when they are available) and other related documents filed with the SEC at the SEC's web site at http://www.sec.gov or by (i) directing a request to Jazz Pharmaceuticals plc, c/o Jazz Pharmaceuticals, Inc., 3180 Porter Drive, Palo Alto, California 94304, U.S.A., Attention: Investor Relations, (ii) calling +353 1 634 7892 (Ireland) or + 1 650 496 2800 (U.S.) or (iii) sending an email to investorinfo@jazzpharma.com. Investors and security holders may also obtain free copies of the documents filed with the SEC on Jazz Pharmaceuticals' website at www.jazzpharmaceuticals.com under the heading "Investors" and then under the heading "SEC Filings."