Filed by Bristol-Myers Squibb Company Pursuant to Rule 425 of the Securities Act of 1933 and deemed filed pursuant to Rule 14a-12 of the Securities Exchange Act of 1934 Subject Company: Celgene Corporation Commission File No.: 001-34912

Explanatory Note: The following slides were provided to employees of Bristol-Myers Squibb Company on January 17, 2019.

Important Information for Investors and Stockholders

This communication does not constitute an offer to sell or the solicitation of an offer to buy any securities or a solicitation of any vote or approval. It does not constitute a prospectus or prospectus equivalent document. No offering of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the U.S. Securities Act of 1933, as amended.

In connection with the proposed transaction between Bristol-Myers Squibb Company ("Bristol-Myers Squibb") and Celgene Corporation ("Celgene"), Bristol-Myers Squibb and Celgene will file relevant materials with the Securities and Exchange Commission (the "SEC"), including a Bristol-Myers Squibb registration statement on Form S-4 that will include a joint proxy statement of Bristol-Myers Squibb and Celgene that also constitutes a prospectus of Bristol-Myers Squibb and Celgene. InVESTORS AND SECURITY HOLDERS OF BRISTOL-MYERS SQUIBB AND CELGENE ARE URGED TO READ THE JOINT PROXY STATEMENT/PROSPECTUS AND OTHER DOCUMENTS THAT WILL BE FILED WITH THE SEC CAREFULLY AND IN THEIR ENTIRETY WHEN THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION. Investors and security holders will be able to obtain free copies of the registration statement and the joint proxy statement/prospectus (when available) and other documents filed with the SEC by Bristol-Myers Squibb or Celgene through the website maintained by the SEC at http://www.sec.gov. Copies of the documents filed with the SEC by Bristol-Myers Squibb will be available free of charge on Bristol-Myers Squibb's internet website at https://www.bms.com/ under the tab, "Investors" and under the heading "Financial Reporting" and subheading "SEC Filings" or by contacting Bristol-Myers Squibb's Investor Relations Department through https://www.bms.com/investors/investor-contacts.html. Copies of the documents filed with the SEC by Celgene will be available free of charge on Celgene's internet website at https://www.celgene.com/ under the tab "Investors" and under the heading "Financial Information" and subheading "SEC Filings" or by contacting Celgene's Investor Relations Department at ir@celgene.com.

Certain Information Regarding Participants

Bristol-Myers Squibb, Celgene, and their respective directors and executive officers may be considered participants in the solicitation of proxies in connection with the proposed transaction. Information about the directors and executive officers of Bristol-Myers Squibb is set forth in its Annual Report on Form 10-K for the year ended December 31, 2017, which was filed with the SEC on March 22, 2018, and its Current Report on Form 8-K, which was filed with the SEC on August 28, 2018. Information about the directors and executive officers of Celgene is set forth in its Annual Report on Form 10-K for the year ended December 31, 2017, which was filed with the SEC on February 7, 2018, its proxy statement for its 2018 annual meeting of stockholders, which was filed with the SEC on April 30, 2018, and its Current Reports on Form 8-K, which were filed with the SEC on June 1, 2018, June 19, 2018 and November 2, 2018. Other information regarding the participants in the proxy solicitations and a description of their direct and indirect interests, by security holdings or otherwise, will be contained in the joint proxy statement/prospectus and other relevant materials to be filed with the SEC regarding the proposed transaction when they become available. You may obtain these documents (when they become available) free of charge through the website maintained by the SEC at http://www.sec.gov and from Investor Relations at Bristol-Myers Squibb or Celgene as described above.

2

NOT FOR PRODUCT PROMOTIONAL PURPOSES

Cautionary Statement Regarding Forward Looking Statements

This communication contains forward-looking statements within the meaning of Section 21s of the Securities Act of 1933, as amended, and Section 21s of the Securities Eachange Act of 1934, as amended. You can generally identify flowed-solding statements by the use of forward-looking terminology such as "anticipate," "believe," "continue," "could," "estimate," "explore," "e

3

NOT FOR PRODUCT PROMOTIONAL PURPOSES

Who Is Celgene?



Celgene Mission and Vision

Celgene is building a preeminent global biopharmaceutical company focused on the discovery, development and commercialization of innovative therapies for unmet medical needs in cancer and immune-inflammatory diseases











NOT FOR PRODUCT PROMOTIONAL PURPOSES



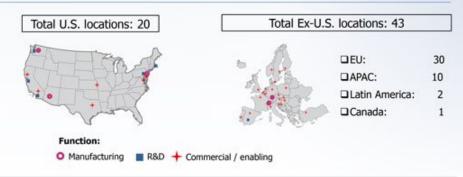
Celgene is a Global Biotech Based in Summit, NJ



~2,200 R&D ~3,000 Commercial ~2,100 Manufacturing

~1,200 Enabling Functions





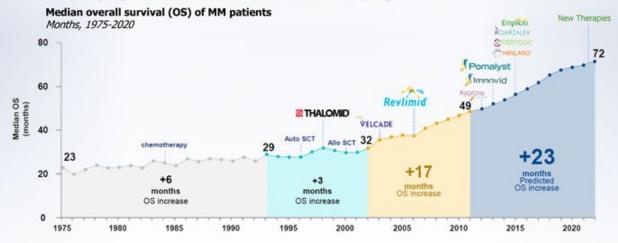
NOT FOR PRODUCT PROMOTIONAL PURPOSES





Celgene Has Helped Advance Outcomes for Multiple Myeloma Patients and Strives for Cure

Changing the Course of Human Health through Bold Pursuits in Science



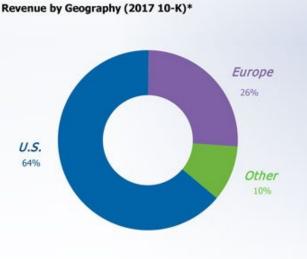
 Drawid A et al. Impact of Novel Therapies on Multiple Myeloma – Current and Future Outcomes. Poster presented at the 20th Congress of the European Haematology Association; Vienna, Austria, June 11-14, 2015

NOT FOR PRODUCT PROMOTIONAL PURPOSES



Celgene's global business is driven by its multiple myeloma franchise





Bristol-Myers Squibb

NOT FOR PRODUCT PROMOTIONAL PURPOSES

Celgene's Near-term Pipeline Includes Five Highly Promising Assets

Oncology: Hematology

I&I

luspatercept

Biologic

Myelodysplastic syndrome, Beta-thalassemia

Est. 2019 launch

liso-cel (JCAR017)

Cell therapy

Diffuse large B-cell lymphoma, Chronic lymphocytic leukemia

Est. 2020 launch

bb2121

Cell therapy

Multiple myeloma

Est. 2020 launch

fedratinib

Small molecule

Myelofibrosis

Est. 2019 launch

ozanimod

Small molecule

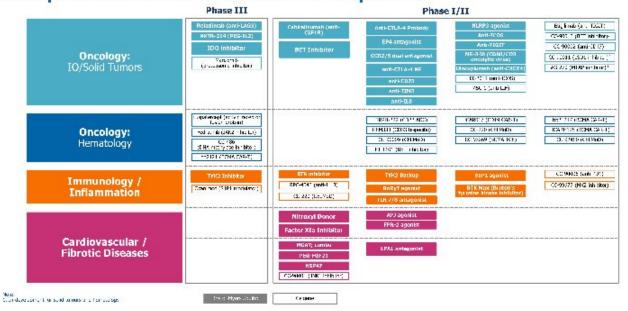
Relapsing-remitting multiple sclerosis, Ulcerative colitis, Crohn's disease

Est. 2020 launch

NOT FOR PRODUCT PROMOTIONAL PURPOSES

9

Deep and Broad Combined Pipeline





Celgene's Culture Aligns with BMS Along 5 Core Values



To discover, develop and deliver innovative medicines that help patients prevail over serious diseases

We promise to act on our belief that the priceless ingredient of every product is the *integrity* of its maker

We commit to *Scientific excellence* and investment in biopharmaceutical research and development to provide innovative, high quality medicines

We seek transparency and dialogue with our stakeholders to improve our understanding of their needs

We embrace a diverse workforce and inclusive culture

Creating innovative medicines

Integrity

Scientific excellence

Transparency

Diversity

Celgene

Celgene is focused on the *discovery, development,* and commercialization of innovative therapies for patients

We act with *integrity* and treat everyone with dignity and respect

Excellence in delivery exceptional results through bold pursuits in science

we communicate transparently and debate openly

We embrace diversity and promote inclusion

NOT FOR PRODUCT PROMOTIONAL PURPOSES

