









## **SMML** newsletter

**March 2023** 

Based on data from January & February 2023

Monthly updates around multiple myeloma























The goal of this newsletter is to give an overview of what is happening around multiple myeloma in terms of medical developments. This is achieved by monitoring news articles, PR releases and scientific reports on one hand. Conversations from HCPs, digital opinion leaders and other influencers attending congresses, offering their opinion on treatments and commenting on new developments on the other hand.





#### Who will benefit from this newsletter?

Any professionals interested in keeping up with developments around multiple myeloma:

- Marketers
- **Business Analysts**
- But also HCPs who want to anticipate the future landscape of MM management

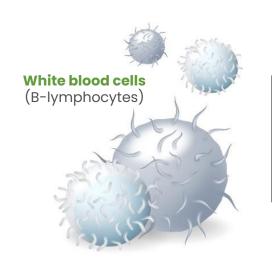


Introduction on Multiple Myeloma

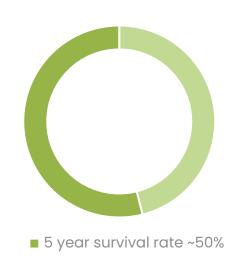
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## What is Multiple Myeloma?











## **Read more on Multiple Myeloma:**



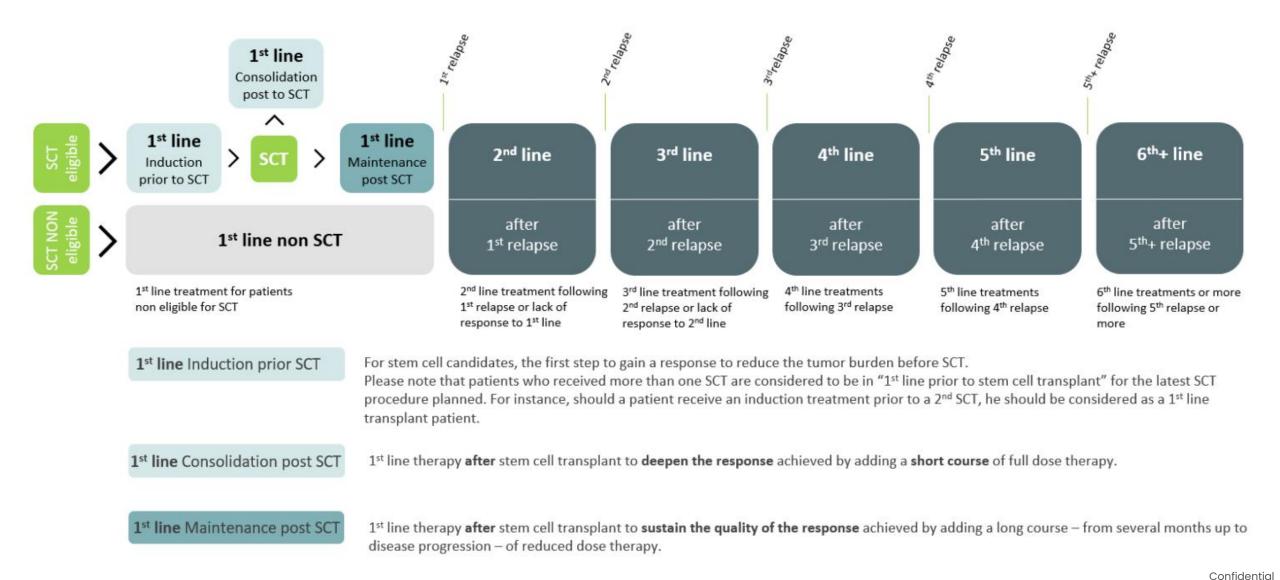
- → Professional version in English
- → Professional version in French



- → Consumer version in English
- → Consumer version in French

## MM lines of therapy based on to the following definitions





## Drugs approved by European Medicines Agency (EMA)



Brand name	Active substance	Manufacturer	Class of therapy	EMA Date of authorisation	Line of treatment	Product Monograph
Revlimid®	lenalidomide	BMS	Immunomodulating agents (IMiDs)	14/06/2007	All lines	<u>Click here</u>
Thalidomide BMS® / Thalomid® (US)	thalidomide	BMS	Immunomodulating agents (IMiDs)	16/04/2008	All lines	<u>Click here</u>
Imnovid® / Pomalyst® (US)	pomalidomide	BMS	Immunomodulating agents (IMiDs)	05/08/2013	2L+ (after Revlimid and Velcade)	<u>Click here</u>
Pepaxti® / Pepaxto® (US)	melflufen	Oncopeptides AB	Peptide conjugated alkylator	17/08/2022	Triple class exposed / 3L+ / 4L+ / 5L+	<u>Click here</u>
Velcade®	bortezomib	Janssen	Proteasome inhibitors (PIs)	26/04/2004	1LSCT / 1LNSCT	<u>Click here</u>
Kyprolis®	carfilzomib	Amgen	Proteasome inhibitors (PIs)	19/11/2015	2L+ / 3L+	<u>Click here</u>
Ninlaro®	ixazomib	Takeda	Proteasome inhibitors (PIs)	21/11/2016	2L+	<u>Click here</u>
Farydak <sup>®</sup>	panobinostat	Novartis + (Secura Bio)	Histone deacetylase inhibitors (HDACis)	28/08/2015	2L+ Relapsed / Refractory	<u>Click here</u>
Darzalex®	daratumumab	Janssen	Monoclonal antibody against CD38 (Mabs)	20/05/2016	All lines	Click here
Empliciti <sup>®</sup>	elotuzumab	BMS + (AbbVie)	Monoclonal antibody against SLAMF7 (Mabs)	11/05/2016	2L+ / 3L+	<u>Click here</u>
Sarclisa®	isatuximab	Sanofi	Monoclonal antibody against CD38 (Mabs)	30/05/2020	2L+ / 3L+	Click here
Tecvayli®	teclistamab	Janssen	BiTE	21/07/2022	2L+ / 3L+	<u>Click here</u>
Blenrep® / Belamaf® (US)	belantamab mafodotin-blmf	GSK	Antibody-drug conjugates (BCMA)	25/08/2020	2L+ (4L+ after P, IMiD and MAB (L5+ in Italy)	<u>Click here</u>
Nexpovio® / Xpovio® (US)	selinexor	Karyopharm Therapeutics	Nuclear export inhibitor (SINE)	26/03/2021	Penta-refractory (2xPI + 2xIMiDs + 1 Mab)	<u>Click here</u>
Venclyxto® / Venclexta® (US)	venetoclax	AbbVie	B-cell lymphoma 2 (BCL-2)	04/12/2016	2L+ (already used in CLL / AML treatments)	<u>Click here</u>
Abecma®	idecabtagene vicleucel	BMS	Cell-based gene therapy (CAR-T)	18/08/2021	Triple class exposed / 3L+ / 4L+ / 5L+	<u>Click here</u>
Carvykti <sup>®</sup>	ciltacabtagene autoleucel	Janssen	Cell-based gene therapy (CAR-T)	25/05/2022	L3 / L4+ / L5+	<u>Click here</u>
Aredia®	pamidronate	Novartis	Bisphosphonates for bone disease	31/10/1991	Supportive care / Long-term use (5+ years)	<u>Click here</u>
Zometa®	zoledronate	Novartis	Bisphosphonates for bone disease	20/03/2001	Supportive care / Long-term use (5+ years)	<u>Click here</u>
Prolia® + Xgeva®	denosumab	Amgen	Bisphosphonates for bone disease	26/05/2010 - 13/07/2011	Supportive care	Prolia® / Xgeva®
Mozobil®	plerixafor	Genzyme	Stem cell mobilazor	30/07/2009	Supportive care	<u>Click here</u>

#### MM treatment history timeline 1844 1947 1958 1962 1983 1984 **IMiDs** Pls Urethane Melphalan Autologous "Rhubarb & orange peel, Corticosteroids Vincristine **IMS** strengthening plaster to the chest, transplantation + Adriamycin a pound of blood removed & leeches + Dexamethasone Mabs applied for maintenance therapy". **HDACi** SINE **BCMA** 2012 2010 2005 2002 2013 1999 **CAR-T**

bendamustine

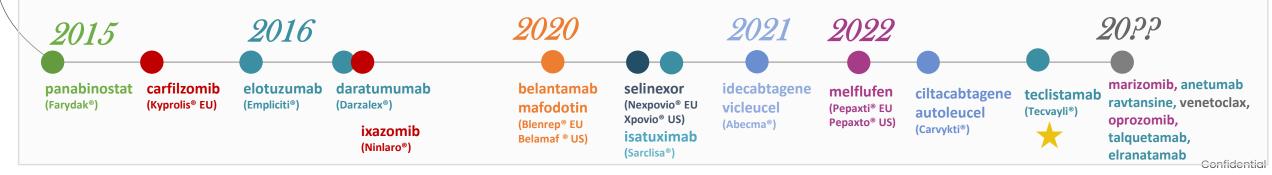
(Levact®)

pomalidomide

(Imnovid®/Pomalyst®)

carfilzomib

(Kyprolis® US)



lenalidomide

(Revlimid®)

bortezomib

(Velcade®)

thalidomide

#### MM studies at APLUSA







per wave per country per year

4,5K **PATIENTS CHARTS** per wave

18k **PATIENTS CHARTS** per year (in EU5)



### Launching of a US pilot wave, Why?

- Needs from clients for MM US data
- Back data for EU5 for 15 years
- MM US market changing fast
- Different needs in the US market for labs (patients' ethnicity treatments gap as an example)

#### APLUSA's added value

- Quarterly + month to month data collection (our competitors → only quarterly data)
- Market adaptability: adjusting our questionnaires and updating the list of treatments by including market trends on a monthly basis → **new CAR-Ts + BisAbs**
- Patient's full treatment history
- Deliverables with Power BI DID



January/February 2023





## CONTENTS

## 01.

News around clinical trials in phase II

- Phase II relapse/refractory : CAR-T (January)
- Phase II relapse/refractory:
   Bispecific therapies (January)
- Phase II Relapse/Refractory
   Bispecific Therapies (February)

02.

News around clinical trial s in Phase III

- Phase III relapse/refractory:
   CAR-T (January)
- Phase III relapse/refractory: maintenance therapy (January)
- Phase II Relapse/Refractory
   CAR-T (February)

03.

Themes of discussion: HCPs

- SOV Themes of discussion
- Posts driving most engagement

04.

News articles overtime

- Volume of articles per volume of mentions
- Articles per themes

05.

**Drug approvals** 

<u>Drug market watch</u>

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## **SCOPE**



The scope of the analysis is focused on mentions coming worldwide.\*



There were a total of 49K mentions from patients recorded during the listening period from January 1st, 2023, to February 28th, 2023.



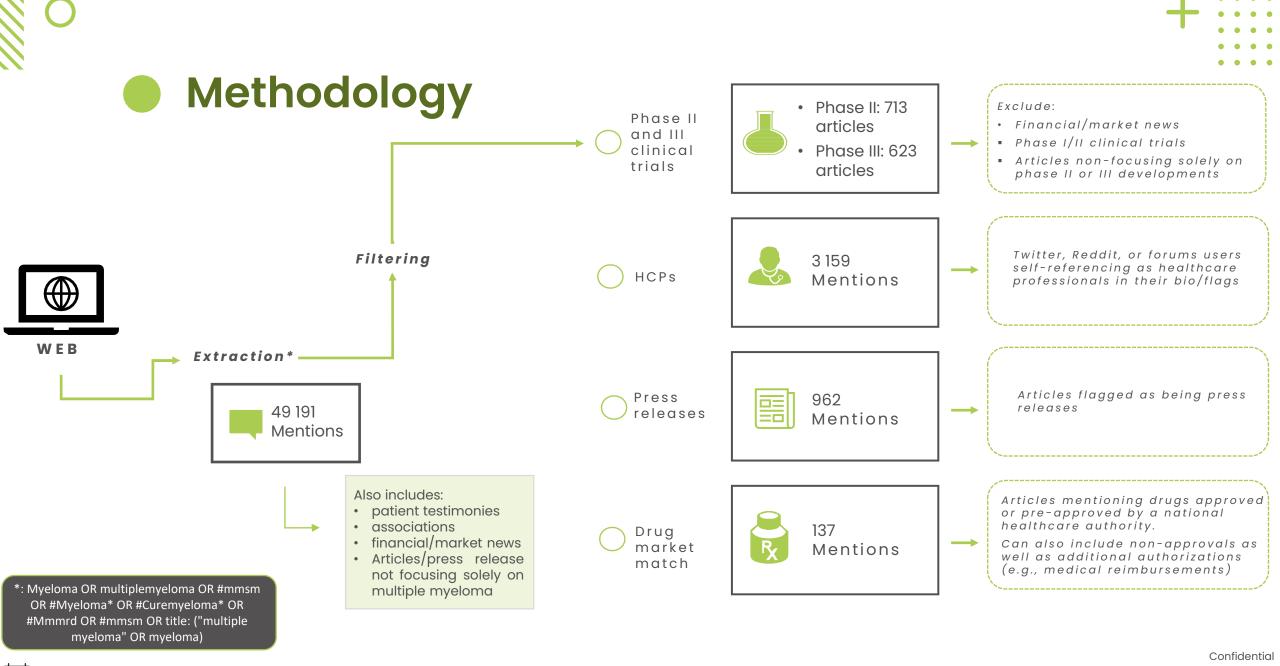
A majority of mentions came from News (43%), Twitter (39%), Instagram (12%), Forums (2%), Reddit (2%), Tumblr (1%) and blogs (1%).



A total of 12K unique authors were identified.

\*: Myeloma OR multiplemyeloma OR #Mmsm OR #Myeloma\* OR #Curemyeloma\* OR #Mmmrd OR #mmsm OR title: ("multiple myeloma" OR myeloma)





Social media listening period :January - February 2023 Scope: worldwide in English

SYNDICATED BY

## Drugs in clinical trials (Phase II) monitored during the listening period

**Bispecific Antibody anti-BCMA** 

**Bispecific antibody T-cell redirecting** 

Tecvayli®

N/A

teclistamab

talquetamab

Molecule name	Commercial name	Class	Manufacturer	Trial names + link (ctrl + right click) / line of treatment / Combination being studied
lenalidomide	Revlimid®	immunomodulatory drugs (IMiDs)	BMS	GRIFFIN (ND): daratumumab, lenalidomide, bortezomib, and dexamethasone (D-RVd) FORTE (ND): carfilzomib, lenalidomide, daratumumab, dexamethasone NCT02969837 (ND): elotuzumab, carfilzomib, lenalidomide, dexamethasone MASTER (???): dexamethasone, lenalidomide, daratumumab, carfilzomib
pomalidomide	Imnovid® / Pomalyst® (US)	immunomodulatory drugs (IMiDs)	BMS	NCT03590652 (RR): daratumumab, ixazomib, pomalidomide, dexamethasone ELOQUENT-3 (RR): elotuzumab plus pomalidomide, and dexamethasone
Bortezomib	Velcade <sup>®</sup>	Proteasome inhibitors	Takeda	<u>GRIFFIN</u> (ND): daratumumab, lenalidomide, bortezomib, and dexamethasone (D-RVd) <u>NCT03314181</u> (RR): Venetoclax, Daratumumab and Dexamethasone (With and Without Bortezomib)
carfilzomib	Kyprolis®	Proteasome inhibitor	Amgen	FORTE (ND): carfilzomib, lenalidomide, daratumumab, dexamethasone NCT02969837 (ND): elotuzumab, carfilzomib, lenalidomide, dexamethasone MASTER (???): dexamethasone, lenalidomide, daratumumab, carfilzomib Cardamon (???): cyclophosphamide, dexamethasone, carfilzomib
daratumumab	Darzalex®	Monoclonal antibody anti-CD38	Janssen	GRIFFIN (ND): daratumumab, lenalidomide, bortezomib, and dexamethasone (D-RVd)  FORTE (ND): carfilzomib, lenalidomide, daratumumab, dexamethasone  NCT03590652 (RR): daratumumab, ixazomib, pomalidomide, dexamethasone  REBUILD (RR): Monotherapy  NCT03314181 (RR): Venetoclax, Daratumumab and Dexamethasone (With and Without Bortezomib)  MASTER (???): dexamethasone, lenalidomide, daratumumab, carfilzomib
elotuzumab	Empliciti®	Monoclonal antibody SLAMF7	BMS/AbbVie	ELOQUENT-3 (RR): elotuzumab plus pomalidomide, and dexamethasone NCT02969837 (ND): elotuzumab, carfilzomib, lenalidomide, dexamethasone
isatuximab	Sarclisa®	Monoclonal antibody anti-CD38	Sanofi	NCT05123131 (ND): isatuximab, bortezomib, lenalidomide, dexamethasone NCT03590652 (RR): daratumumab, ixazomib, pomalidomide, dexamethasone
belantamab mafodotin, (GSK2857916)	Blenrep <sup>®</sup>	Antibody drug-conjugate (ADC)	GSK	DREAMM-2 (RR): Monotherapy
Ciltacabtagene (cilta cel, JNJ 68284528, LCAR B38M)	Carvykti®	CAR T-Cell Therapy Anti-BCMA	Janssen	CARTIFAN-1 (RR): Monotherapy CARTITUDE (RR): Monotherapy CARTITUDE 2 (RR): Monotherapy
idecabtagene vicleucel (ide cel)	Abecma	CAR T-Cell Therapy Anti-BCMA	BMS	KarMMa-2 (RR): Monotherapy (one arm with lenalidomide)
Zevorcabtagene autoleucel (zevor cel)	N/A	CAR T-Cell Therapy Anti-BCMA	CARsgen Therapeutics	LUMMICAR-2 (RR): Monotherapy
C-CAR088	N/A	CAR T-Cell Therapy Anti-BCMA	Cellular Biomedicine	NCT05521802 (RR): Monotherapy

Janssen

Janssen

MajesTEC-1: (RR): Monotherapy

MonumenTAL-1 (RR): Monotherapy

## Phase II Relapse/Refractory CAR-T: Legend Biotech Announces Acceptance of Its New Drug Application for Ciltacabtagene Autoleucel (Cilta-Cel) in China



## Headlines/Hot off the press

Legend Biotech Announces Acceptance of Its New Drug
Application for Ciltacabtagene Autoleucel (Cilta-Cel) in China

"Legend Biotech Corporation, a global biotechnology company developing, manufacturing and commercializing novel therapies to treat life-threatening diseases, announced today that China's National Medical Products Administration (NMPA) has formally accepted its New Drug Application (NDA) for ciltacabtagene autoleucel (cilta-cel). " Click here to read the full article

Sponsor & collaborator





#### **CARTIFAN-1**

Ctrl + click to access clinical trial: NCT03758417

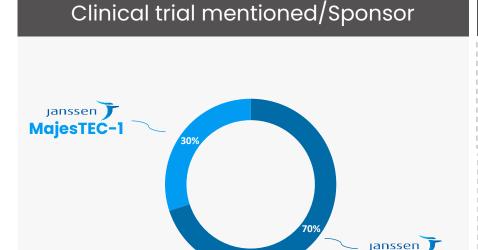
"A Study of LCAR-B38M CAR-T Cells, a Chimeric Antigen Receptor T-cell (CAR-T) Therapy Directed Against B-cell Maturation Antigen (BCMA) in Chinese Participants With Relapsed or Refractory Multiple Myeloma" Molecule

Ciltacabtagene autoleucel



### Phase II Relapse/Refractory Bispecific therapies: Janssen submits marketing application for talquetamab





## Headlines/Hot off the press

**66** Chari Spotlights Efficacy of Talquetamab and Next Steps for Exploration in R/R Multiple Myeloma

"Ajai Chari, MD, shares some background on talquetamab, reported safety and efficacy findings from MonumenTAL-1, and highlighted other ways in which the agent is being explored in multiple myeloma." Click here to read the full article

Janssen submits marketing application for talquetamab

"European Medicines Agency will consider therapy for the treatment of patients with multiple myeloma" Click here to read the full article

**Teclistamab Combination Shows Higher** Response Rate in Multiple Myeloma

"Emma Searle, PhD, discusses results of the MajestTEC-2 trial combining teclistamab with daratumumab and lenalidomide for patients with multiple myeloma presented at the 2022 American Society of Hematology Annual Meeting and Exposition. Click here to read the full article

#### MonumenTAL-1

Ctrl + click to access clinical trial: NCT04634552

"The purpose of this study is to evaluate the efficacy of talquetamab in participants with relapsed or refractory multiple myeloma at the recommended Phase 2 dose(s) (RP2Ds) (Part 3)."

MonumenTAL-1

#### **MajesTEC-1**

Ctrl + click to access clinical trial: NCT04557098

"A Study of Teclistamab in Participants With Relapsed or Refractory Multiple Myeloma (MajesTEC-1)"

#### Molecules

**Talquetamab** 

**Teclistamab** 

Pfizer announced January 2023

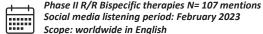
approval of talquetamab for the treatment month follow-up data seeking approval

drug target investigational cancer immunotherapy

**European Medicines Agency** clinical trial

bispecific antibody B-cell maturation antigen

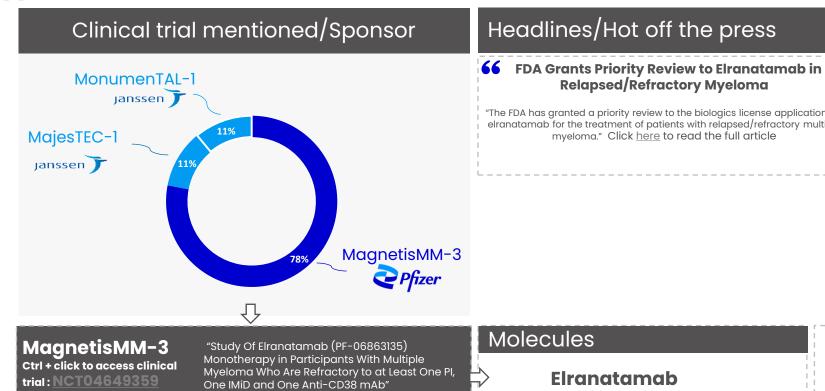
heavily pretreated multiple myeloma manageable safety Elranatamab is a B-cell Phase 2



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### Phase II Relapse/Refractory Bispecific Therapies: FDA Grants Priority Review to Elranatamab in Relapsed/Refractory Myeloma





"The FDA has granted a priority review to the biologics license application for elranatamab for the treatment of patients with relapsed/refractory multiple

**166** Teclistamab Demonstrates Exciting Efficacy in Relapsed or Refractory Multiple Myeloma

"Alfred L. Garfall, MD, discusses the durability of responses teclistamab elicited in the MajesTEC-1 trial and how this agent will change the treatment regimen for relapsed/refractory multiple myeloma." Click here to read the full article

**MonumenTAL-1 trial Shows Promise With** Talquetamab in R/R Myeloma

Sikander Ailawadhi, MD, discussed the safety and efficacy of talquetamab in heavily pretreated patients with relapsed/refractory multiple myeloma following a readout of the phase 1/2 MonumenTAL-1 trial. Click here to read the full article

#### MajesTEC-1

Ctrl + click to access clinical trial: NCT04557098

"A Study of Teclistamab in Participants With Relapsed or Refractory Multiple Myeloma (MajesTEC-1)"

#### MonumenTAL-1

Ctrl + click to access clinical trial:

"The purpose of this study is to evaluate the efficacy of talquetamab in participants with relapsed or refractory multiple myeloma at the recommended Phase 2 dose(s) (RP2Ds) (Part 3)." **Teclistamab** 

**Talquetamab** 

efficacy and safety

BCMA bispecific Priority Review is intended to direct marketing authorization application refractory multiple myeloma CD3-targeted bispecific antibody treatment of patients with relapsed

Medicines Agency

## Drugs in clinical trials (Phase III) monitored during the listening period

Molecule name	Commercial name	Class	Manufacturer	Trial names + link (ctrl + right click) / line of treatment / Combination being studied
lenalidomide	Revlimid <sup>®</sup>	immunomodulatory drugs (IMiDs)	BMS	DETERMINATION (RR): lenalidomide (Revlimid), bortezomib (Velcade), and dexamethasone (RVD)  MAIA (ND): daratumumab in combination with lenalidomide and dexamethasone  ATLAS (Maintenance): Lenalidomide, Carfilzomib, Dexamethasone  DRAMMATIC (??): Lenalidomide, Daratumumab  EQUATE (ND): daratumumab, bortezomib, lenalidomide and dexamethasone  POLLUX (RR): Daratumumab, Lenalidomide, and Dexamethasone  TOURMALINE (RR): Ixazomib Plus Lenalidomide and Dexamethasone  Myeloma XI (ND): cyclophosphamide, dexamethasone plus lenalidomide with or without carfilzomib  AURIGA (Maintenance): Daratumumab Plus Lenalidomide
pomalidomide	Imnovid® / Pomalyst® (US)	immunomodulatory drugs (IMiDs)	BMS	ICARIA-MM (RR): Isatuximab, Pomalidomide, Dexamethasone
bortezomib	Velcade <sup>®</sup>	Proteasome inhibitors (PIs)	Takeda	<u>DETERMINATION</u> (RR): lenalidomide (Revlimid), bortezomib (Velcade), and dexamethasone (RVD) <u>BOSTON</u> (RR): selinexor plus bortezomib (Velcade) plus low-dose dexamethasone (SVd) <u>EQUATE</u> (ND): daratumumab, bortezomib, lenalidomide and dexamethasone <u>CASTOR</u> (RR): Daratumumab, Bortezomib and Dexamethasone <u>Bellini</u> (RR): venetoclax plus bortezomib and dexamethasone <u>DREAMM 7</u> (RR): Belantamab Mafodotin, Bortezomib and Dexamethasone
carfilzomib	Kyprolis®	Proteasome inhibitors (PIs)	Amgen	IKEMA (RR): Isatuximab, Carfilzomib And Dexamethasone ATLAS (Maintenance): Carfilzomib, Lenalidomide, Dexamethasone Myeloma XI (ND): cyclophosphamide, dexamethasone plus lenalidomide with or without carfilzomib
ixazomib	Ninlaro®	Proteasome inhibitors (PIs)	Takeda	OPTIMUM (RR): Ixazomib, Lenalidomide  TOURMALINE (RR): Ixazomib Plus Lenalidomide and Dexamethasone
Bb2121, Idecabtagene vicleucel	Abecma®	CAR T-cell therapy	BMS	KarMMa-3 (RR): Monotherapy
ciltacabtagene	Carvykti <sup>®</sup>	CAR T-cell therapy BCMA-directed	Janssen	CARTITUDE-4 (RR): Monotherapy
daratumumab	Darzalex®	Monoclonal antibody anti-CD38	Janssen	MajesTEC-3: (RR): Teclistamab in Combination With Daratumumab Subcutaneously (SC) (Tec-Dara)  MAIA (ND): daratumumab in combination with lenalidomide and dexamethasone  DRAMMATIC (??): Lenalidomide, Daratumumab  EQUATE (ND): daratumumab, bortezomib, lenalidomide and dexamethasone  CASTOR: (RR): Daratumumab, Bortezomib and Dexamethasone

POLLUX (RR): Daratumumab, Lenalidomide, and Dexamethasone MagnetisMM-5 (RR): Monotherapy or doublet therapy with daratumumab **AURIGA** (Maintenance): Daratumumab Plus Lenalidomide Sarclisa® Monoclonal antibody anti-CD38 IKEMA (RR): Isatuximab, Carfilzomib And Dexamethasone isatuximab Sanofi ICARIA-MM (RR): Isatuximab, Pomalidomide, and Dexamethasone belantamab mafodotin-blmf Blenrep® / Belamaf® (US) **DREAMM-3** (RR): Monotherapy Antibody-drug conjugates (BCMA) **GSK** DREAMM 7 (RR): Belantamab Mafodotin, Bortezomib and Dexamethasone DREAMM 8 (RR): Belantamab Mafodotin Plus Pomalidomide and Dexamethasone

# Phase III Relapse/Refractory CAR-T: Janssen Announces Unblinding of Phase 3 CARTITUDE-4 Study of CARVYKTI® (cilta-cel) as Primary Endpoint Met in Treatment of Patients with Relapsed and Refractory Multiple Myeloma



## Headlines/Hot off the press

Janssen Announces Unblinding of Phase 3 CARTITUDE-4 Study of CARVYKTI® (cilta-cel) as Primary Endpoint Met in Treatment of Patients with Relapsed and Refractory Multiple Myeloma

"The Janssen Pharmaceutical Companies of Johnson & Johnson today announced that the Phase 3 CARTITUDE-4 study evaluating CARVYKTI® (ciltacabtagene autoleucel; cilta-cel) versus pomalidomide, bortezomib, and dexamethasone (PVd) or daratumumab, pomalidomide, and dexamethasone (DPd) for the treatment of patients with relapsed and lenalidomide-refractory multiple myeloma met its primary endpoint of significant improvement in progression-free survival (PFS) at the first pre-specified interim analysis.." Click here to read the full article

Sponsor



CARTITUDE-4
Ctrl + click to access clinical trial: NCT04181827

"A Study Comparing JNJ-68284528, a CAR-T Therapy Directed Against B-cell Maturation Antigen (BCMA), Versus Pomalidomide, Bortezomib and Dexamethasone (PVd) or Daratumumab, Pomalidomide and Dexamethasone (DPd) in Participants With Relapsed and Lenalidomide-Refractory Multiple Myeloma"

Molecule

Ciltacabtagene autoleucel



## Phase III Relapse/Refractory Maintenance triplet: Triple Drug Combo Beats Single Therapy in Multiple Myeloma Maintenance

99



## Headlines/Hot off the press

66

## Triple Drug Combo Beats Single Therapy in Multiple Myeloma Maintenance

"New evidence supports the use of a three drug combo—carfilzomib, lenolidomide, and dexamethasone (KRd), for maintenance therapy after autologous stem cell transplantation in patients newly diagnosed with multiple myeloma. Maintenance therapy using these three drugs may improve progression-free survival as compared to single agent lenalidomide treatment." Click here to read the full article

Sponsor

THE UNIVERSITY OF CHICAGO

#### **ATLAS**

Ctrl + click to access clinical trial: NCT02659293

"Trial of Carfilzomib, Lenalidomide, Dexamethasone Versus Lenalidomide Alone After Stem-cell Transplant for Multiple Myeloma" Combinations

carfilzomib

lenalidomide •

dexamethasone

Phase II Relapse/Refractory CAR-T: Abecma (idecabtagene vicleucel) Reduced the Risk of Disease Progression or Death by 51% Versus Standard Regimens in Earlier Lines of Therapy for Relapsed and Refractory Multiple Myeloma Based on Results from Phase 3 KarMMa-3 Study

99



## Headlines/Hot off the press

Abecma (idecabtagene vicleucel) Reduced the Risk of Disease
Progression or Death by 51% Versus Standard Regimens in Earlier Lines of
Therapy for Relapsed and Refractory Multiple Myeloma Based on Results
from Phase 3 KarMMa-3 Study

"Bristol Myers Squibb (NYSE: BMY) and 2seventy bio, Inc. (Nasdaq: TSVT) today announced the first publication and presentation of positive results from KarMMa-3" Click <u>here</u> to read the full article

### Sponsor



Bristol Myers Squibb

## KarMMA-3 Ctrl + click to access the clinical trial:

"Efficacy and Safety Study of bb2121 Versus Standard Regimens in Subjects With Relapsed and Refractory Multiple Myeloma (RRMM) (KarMMa-3)"

#### Molecule

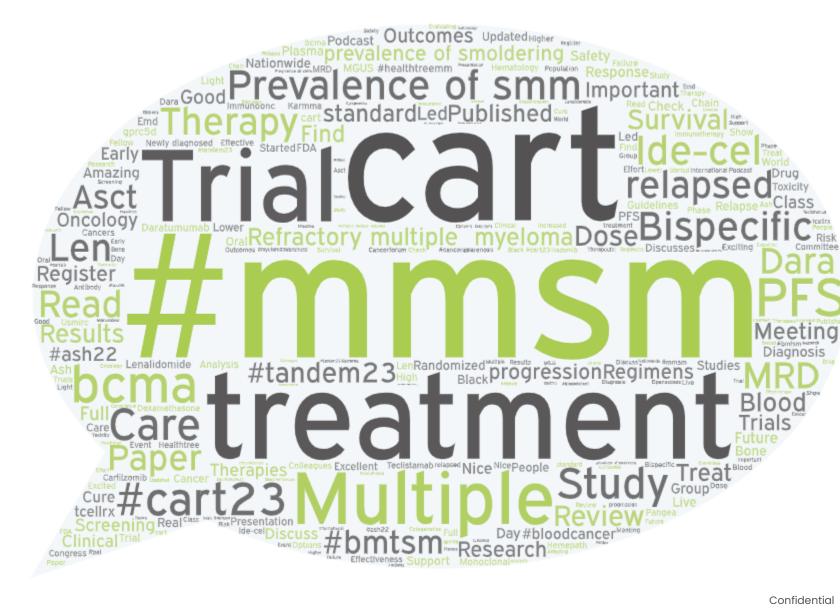
idecabtagene vicleucel





CAR-T therapies were a focus of online conversations this month as the 5<sup>th</sup> European CAR-T cell meeting took place from the 9<sup>th</sup> to the 11th of February in Rotterdam, Netherlands. For more info see this <u>link</u>.

	CART therapies	19%
	Uncategorized treatment	<b>17</b> %
R.	Misc. conversations	16%
XI ZZ	Smoldering multiple myeloma	<b>8</b> %
	Monoclonal antibody	8%
5	Congresses and meetings	<b>6</b> %
Rx	всма	<b>5</b> %
	Personnal conversation	<b>3</b> %
	IMiDs	3%
-	Disparities in MM	<b>3</b> %
**	Proteasome inhibitors	3%
• <b>• •</b>	Bispecific antibodies	2%
	Uncategorized events	<b>2</b> %
	MGUS	1%
<b>V</b>	Cure	1%
R	Covid	1%





SYNDICATED BY

In terms of engagement, the iStopMM continues to generate interest as a tweet from Sigurdur Kristinsson, one of the lead of this trial, is the most retweeted.

Other tweets of interest included one from Dr Goodman announcing a new podcast whose aim is to share knowledge about treatment option in MM.

Dr Shah posted a tweet thanking the ASH organization for shedding spotlight on a study focused on nutrition.



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## Media: volume and articles per peak



"NHS spending watchdog approves three-drug treatment which lets blood cancer patients live longer potentially helping 6,000 Britons with multiple myeloma a year" Link

"Inflammatory-Nutritional Score Helps Predict Survival in New Multiple Myeloma" <u>Link</u>

"Body Mass Index Tied to Multiple Myeloma Survival" Link

"Takeda's **Ninlaro (ixazomib)** Receives **NICE Recommendation** for the Treatment of Multiple Myeloma" <u>Link</u>

- B "Janssen Announces Unblinding of Phase 3
  CARTITUDE-4 Study of CARVYKTI® (cilta-cel) as
  Primary Endpoint Met in Treatment of Patients with
  Relapsed and Refractory Multiple Myeloma" Link
- **C** "Alternative To Lenalidomide ID'd For Maintenance In Multiple Myeloma" <u>Link</u>
- "Karyopharm and Menarini Receive Full Marketing Authorization from the UK MHRA for NEXPOVIO (selinexor) in Combination with Bortezomib and Dexamethasone for the Treatment of Adult Patients with Multiple Myeloma Who Have Received at Least One Prior Therapy" Link

E"Ide-Cel Beneficial in Relapsed, Refractory Multiple Myeloma"
<u>Link</u>

"Gracell Biotechnologies Announces China NMPA Clearance for IND Application for Phase 1/2 Clinical Trial of FasTCAR-T GC012F for Treatment of Relapsed/Refractory Multiple Myeloma" Link

G "CASI PHARMACEUTICALS AND CLEAVE THERAPEUTICS
ANNOUNCE CLINICAL TRIAL APPLICATION APPROVAL FOR CB5339 IN PATIENTS WITH MULTIPLE MYELOMA IN CHINA" Link

**"Janssen Submits Marketing Authorisation** Application to the **European Medicines Agency** Seeking Approval of **Talquetamab** for the Treatment of Patients with Relapsed or Refractory Multiple Myeloma" <u>Link</u>

## Media: articles per theme



#### Approvals & recommendations

**"NHS** spending watchdog **approves three-drug treatment** which lets blood cancer patients live longer - potentially helping 6,000 Britons with multiple myeloma a year" <u>Link</u>

"Takeda's **Ninlaro (ixazomib)** Receives **NICE Recommendation** for the Treatment of Multiple Myeloma" <u>Link</u>

"Karyopharm and Menarini Receive Full Marketing Authorization from the UK MHRA for NEXPOVIO (selinexor) in Combination with Bortezomib and Dexamethasone for the Treatment of Adult Patients with Multiple Myeloma Who Have Received at Least One Prior Therapy" Link

**"Janssen Submits Marketing Authorisation** Application to the **European Medicines Agency** Seeking Approval of **Talquetamab** for the Treatment of Patients with Relapsed or Refractory Multiple Myeloma" <u>Link</u>

### **CAR T-cell therapy**

**"Janssen** Announces Unblinding of Phase 3 **CARTITUDE-4 Study of CARVYKTI**® (cilta-cel) as Primary Endpoint Met in Treatment of Patients with Relapsed and Refractory Multiple Myeloma" <u>Link</u>

"Ide-Cel Beneficial in Relapsed, Refractory Multiple Myeloma" <u>Link</u>

"Gracell Biotechnologies Announces China NMPA Clearance for IND Application for Phase 1/2 Clinical Trial of FasTCAR-T GC012F for Treatment of Relapsed/Refractory Multiple Myeloma" Link

#### Misc.

"Inflammatory-Nutritional Score Helps Predict Survival in New Multiple Myeloma" <u>Link</u>

"Body Mass Index Tied to Multiple Myeloma Survival" Link

## Maintenance therapy.

"Alternative To Lenalidomide ID'd For Maintenance In Multiple Myeloma"  $\underline{\text{Link}}$ 

## VCP/p97 inhibitors

"CASI PHARMACEUTICALS AND CLEAVE THERAPEUTICS ANNOUNCE CLINICAL TRIAL APPLICATION APPROVAL FOR CB-5339 IN PATIENTS WITH MULTIPLE MYELOMA IN CHINA" LINK

## **Drug Market Watch**

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66 Janssen Submits Marketing Authorisation 99

**Application to the European Medicines** 

Agency

Seeking Approval of **Talquetamab** for the Treatment of

Patients with Relapsed or Refractory Multiple Myeloma Link

## **NICE**

National Institute for Health and Care Excellence

NICE recommends triplet regimen for relapsed multiple myeloma

NICE has recommended **Ninlaro** (ixazomib) with lenalidomide and dexamethasone as an option relapsed or refractory multiple myeloma (RRMM) in adults who have received two or three lines of therapy. <u>Link</u>



Medicines & Healthcare products Regulatory Agency

66 MHRA Approves Selinexor Plus Bortezomib/Dexamethasone for Multiple Myeloma Following 1 Prior Therapy

The **United Kingdom's** Medicines and Healthcare
Products Regulatory Agency has granted full marketing
authorization for **selinexor** in combination with
bortezomib and low-dose dexamethasone for the
treatment of adult patients with multiple myeloma who
have received at least 1 prior therapy. Link

**国家药品监督管理局** 

National Medical Products Administration

Legend Biotech Announces Acceptance of Its New Drug Physics Application for Ciltacabtagene Autoleucel (Cilta-Cel) in China

"Legend Biotech Corporation, a global biotechnology company developing, manufacturing and commercializing novel therapies to treat life-threatening diseases, announced today that China's National Medical Products Administration (NMPA) has formally accepted its New Drug Application (NDA) for **ciltacabtagene autoleucel (cilta-cel)**." LINK

66 Elranatamab wins FDA's priority review for \*\*\*
hard-to-treat myeloma

The U.S. Food and Drug Administration (FDA) has granted priority review to <u>Pfizer</u>'s application of its investigational under-the-skin therapy **elranatamab** for people with relapsed or refractory multiple myeloma. <u>Link</u>

Confidention

