## EA Pharma Presents Data about Orally Available α4β7 Integrin Antagonist AJM347 in DDW2021

EA Pharma Co., Ltd. (President, Yuji Matsue; Headquarters, Chuo-ku, Tokyo, Japan; "EA Pharma") will give ePoster presentations of data about EA Pharma's originated and developed inflammatory bowel disease treatment (Development Code AJM347) in Digestive Disease Week (DDW), May 21-23, 2021, Virtual Event.

AJM347 is an orally available and small molecular selective antagonist of  $\alpha$ 4 $\beta$ 7 integrin. In inflammatory bowel disease(IBD), lymphocytes and other inflammatory cells excessively coagulate and invade into the inflamed site. The series of reactions are mediated by binding of integrins expressed on the surface of inflammatory cells to adhesion molecules (MAdCAM-1, etc.) excessively expressed on endothelial cells in the intestinal mucosa. AJM347 can selectively antagonize  $\alpha$ 4 $\beta$ 7 integrin to inhibit cell adhesion mediated by binding to MAdCAM-1, which suppresses invasion of lymphocytes into the inflamed site to exert anti-inflammation effects.

In DDW 2021, EA Pharma is scheduled to present AJM347 PI clinical study data (Abstract No. Fr535) and preclinical pharmacological data (Abstract No. Fr480).

Abstract	Title	Date and time of
No.		e-presentation
		(Eastern Daylight Time
		(UTC-4))
Fr535	ORAL ALPHA 4 BETA 7 INTEGRIN ANTAGONIST	Friday, May 21
	AJM347 DEMONSTRATES SUSTAINED TARGET	ePoster presentation
	ENGAGEMENT IN A FIRST-IN-HUMAN STUDY IN	
	HEALTHY VOLUNTEERS:	
	AJM347 PI Clinical study results	
Fr480	PHARMACOLOGICAL CHARACTERIZATION OF	Friday, May 21
	AJM347: A NOVEL, ORALLY ACTIVE AND SMALL	ePoster presentation
	MOLECULAR PRODRUG OF ALPHA 4 BETA 7-	
	SELECTIVE INTEGRIN ANTAGONIST FOR	
	INFLAMMATORY BOWEL DISEASE:	
	AJM347 Preclinical pharmacological study results	

<Study Data to be presented>

As a gastrointestinal specialty pharma, EA Pharma strives to create innovative pharmaceuticals to increase treatment options for patients with IBD, aiming to contribute to QOL(quality of life) of patients and their families

Media Inquiries

EA Pharma Co., Ltd. Corporate Planning Dept. TEL: +81(0)3-6280-9802

More Information

1. About EA Pharma Co., Ltd.

EA Pharma Co., Ltd., a subsidiary of Eisai Co., Ltd. for gastrointestinal disease area, was established in April 2016 by integration of the gastrointestinal business unit with more than 60 year's history of the Eisai Group and the gastrointestinal business unit of the Ajinomoto Group having amino acid as its business core. EA Pharma Co., Ltd., is a gastrointestinal specialty pharmaceutical company with a full value chain covering R&D, production & logistics and sales & marketing.

For further information on EA Pharma Co., Ltd., please visit

http://www.eapharma.co.jp/en/

## 2. About inflammatory bowel disease (IBD)

Inflammatory bowel disease is a group of diseases that include ulcerative colitis (UC) and Crohn's disease (CD). In these diseases, ulcers are formed in the intestinal mucosa. The major symptoms of IBD include abdominal pain, diarrhea and bloody stools. In many cases, the "remission" stage where the symptoms improve and the "relapse" stage where the symptoms deteriorate repeat over time, and patients suffer from the decline of QOL. The mechanism of onset is unknown up to the present. In Japan, IBD is one of the "designated intractable disease" by Ministry of Health, Labour and Welfare. The registered patient number amounts to about 220,000 of UC and about 70,000 of CD in Japan. The number of patients suffering from IBD has a tendency to increase in recent years.<sup>1</sup>)

## Source

1) "Basic treatment guidance for patients with ulcerative colitis" (revised March 2020), "Basic treatment guidance for patients with Crohn's disease" (revised March 2020), both edited by Research group for intractable inflammatory bowel diseases, Research project on rare and intractable diseases, Health and Labour Sciences Research Grants.