Info Sheet for Technical description

No. 0004

→ Please see Sheet [C]

Organization		
Urganization		

Organization * Mandatoty fields			
Name of Organization*	iHeart Japan corporation		
Address, City, States, Zip, Country*	280, Tenjinyamacho, Kyoto-shi Nakagyo-ku, Kyoto, 604-8221, Japan		
URL	http://iheartjapan.jp/		
Brief Descriptions of Organization* (Approx. 100 words)	Developing allogeneic regenerative medicinal products derived from iPS cells, and selling research tools for cardiotoxicity and efficacy. The base technology was invented by Prof. Jun Yamashita of Kyoto Univ. Center of iPSC Research and Application at the time.iHeart Japan Corporation were founded in 2013 and then acquired core patents. We established our own cell processing facility (CPF) in Kyoto, in which we manufacture our products under the regulation of Japan called as Good Gene, Cellular, and Tissue-based Products Manufacturing Practice (GCTP) compliant system. We are developing a regenerative medicinal product for heart failure.		
	Name*	Osamu Wada	
Contact address	Department* / Position	Operation Dept. / Business Development Team Leader	
	E-mail* / TEL	osamu.wada@iheartjapan.jp	

Z	A. Clinical Development Pipelines	→ Please see Sheet (A)
	B. Regenerative Medicine-related Consumables / Instruments / Materials / CDMO Servicies etc.	→ Please see Sheet [B]

* Peripheral technologies that contribute to a significant improvement in productivity throughout the value chain of pharmaceuticals, from research and development to manufacturing and ultimately market launch.

If you agree to the following, please check "Yes" below. *

What kind of technology do you want to offer? *

The technologies introduced in this 'Info Sheet' are in the public domain, as they have been published in research papers or have related patent applications.

C. Platform Technologies(*) that are not included in the above (Group B)

Yes

Do you have any collaborations/partnerships with pharmaceutical companies?

☐ Yes☑ No

If you have already received funding from VCs or other sources, up to which stage has the investment round progressed?

	Angel / Seed	(including AMED/JST grants)
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□ Series A

□ Series B

☑ Series C

□ Series D or further advenced stages

Do you agree to leave your presentation materials at FIRM hands and entrust us to make use of them for the purpose of promoting your partnering opportunities? *

	Options*	Comments
	Yes	
V	No	

Filled in by*	Osamu Wada		
Date*	1/8/2025		

Info Sheet for Technical overview

No. A-0004

Title*					* Mandatoty field
Title*			<u>IHJ-301</u>		
Developr	ment Phase*				
	Basic Research		Drug Discovery		Pre-Clinical
 ✓	Clinical Trial (Phase I)	V	Clinical Trial (Phase II)		Clinical Trial (Phase III)
	Review		Others		
Diesease	e Area*				
	Cancer		Central nervous system		Ophthalmology
	Musculoskeletal		Endocrine / Metabolism	V	Cardiovascular
	Urogenital		Digestive organ		Blood
	Infection		Dermatology		Immunity
	Otolaryngology		Respiratory		Others
Descripti	ion*				
cardiomy, technolog named the IHJ-301 were reconstributed survival, I of disease Furtherm mutation	ocytes and vascular endothely using gelatin hydrogel micrule product as IHJ-301. Showed extremely high efficativered to the equivalent level to the long-term survival of IHJ-301 secreted large amous model pig. That is the comore, IHJ-301 showed great endogramma sarcoglycan.	lial cells fro ospheres, v cy for myod I to those of IHJ-301 in nt of variou petitive add ffectivenes	piomaterials. We have the tech om iPS cells. Furthermore, we a which enables us to manufactu cardial infarction model of pig. of healthy pigs. We believe that mplanted on the surface of the us cytokines and extracellular wantage of IHJ-301. s for dilated cardiomyopathy n	also have re multi-land that can the gelate heart of vesicles, and of harmondel of	a cell sheet lamination ayered cardiac cell sheet. We se, cardiac functions of pigs tin hydrogel microspheres pig. During such long-term and repaired the heart tissue amster, having genetic
	Filled in by*		Osam	u Wada	
	Date*	1/8/2025			