

Speaker's sheet

<p>Doctor's Name & Title Koji Nakagawa, M.D., Ph.D.</p>	<p>Clinic / Hospital name Sugiyama Clinic Shinjuku</p>
<p>Presentation title (tentative) Embryo transfer using EmbryoGlue for patients with history of ART failure</p>	
<p>Abstract (within 200 words please) Hyaluronan is a glycosaminoglycan polymer naturally produced in many parts of human body, including uterine endometrium ready for embryo implantation. The high molecular weight polymer of hyaluronan is one of the main components of extracellular matrix found in connective tissues, where it provides a variety of functions as hydration of tissue, wound repairing, as well as the key role in the signaling to modulate the cellular immune system. It has also been shown previously that supplementing culture medium with high molecular weight hyaluronan enhances in vitro embryo development and the success rate of transferring those embryos. This seminar outlines how hyaluronan can influence the microenvironment surrounding early embryo development and the latest clinical findings to show how we can utilize the potential of this polymer molecule to enhance the success rate of infertility treatments.</p>	
<p>Biography (within 150 words please) 2018-: Sugiyama Clinic, head clinician 2008-: Sugiyama Clinic 2002-2008: National Center of Child Health and Development (NCCHD) 2001-2002: Ehime Prefectural Central Hospital, ObGyn department 1996-2001: Tokushima University Medical School, ObGyn department</p>	
<p>Awards / publication highlights (within 150 words please) 2021: Fellow, Clinical Reproductive Immunology, American Society for Reproductive Immunology (ASRI) : Board member, Japan Society of Fertilization and Implantation 2007: Specialized clinician of Reproductive medicine 2000: M.D., Tokushima University</p>	

