ISSCA™
INTERNATIONAL SOCIETY FOR STEM CELL APPLICATION

MUSECELL™ INNOVATIONS
REGENERATING LIFE AT ITS SOURCE

DEZAWAMUSECELLS™ TECHNOLOGY: TARGETED REGENERATION

PART OF THE ISSCA GLOBAL SUMMIT

CANCUN
MEXICO

SEPTEMBER
12-13

Prof. Mari **DEZAWA** MD, PhD

MATT COOK MD, FAARM, ABAARM

WHAT YOU'LL LEARN:

- What are **DezawaMuseCells™** and **MuseExosomes™?**
- Targeted homing via S1P/S1PR2 mechanism
- Superior safety vs. traditional MSCs
- Breakthrough protocols in regenerative medicine
- Real-world clinical cases and practical application
- Science-backed therapies with unmatched safety
- Official **ISSCA certification** during the Global Summit

WWW.ISSCA.COM +1 (754) 799 4946

September 12th & 13th, 2025

DEZAWAMUSECELLS™ TECHNOLOGY

TARGETED REGENERATION

LOCATION
Cancun, Mexico

Package 1

CONFERENCE

September 12th, 2025

- **Access to international lectures** on advanced regenerative medicine.
- **Thematic sessions on MUSE Cells, longevity, neuroimmunology, aesthetics, and musculoskeletal medicine.**
- **Global networking:** MedConnect in Cancun's hotel zone.
- **ISSCA official certificate** of participation.

450 USD

Package 2

CERTIFICATION

September 12th & 13th, 2025

- **Exclusive clinical training on DEZAWAMUSECELLS™ technology.**
- **Integration of Muse Cells and MuseExosomes™** into therapeutic protocols.
- **ISSCA official certification.**
- **Access to clinical protocols,** real case studies, and scientific material.

5000 USD

SECURE YOUR SPOT WITH 500 USD

*The reservation value is non-refundable.

Experts behind this certification

Prof. Mari Dezawa, MD, PhD

Pioneer in Regenerative Biology & discoverer of MUSE Cells

Professor Mari Dezawa is a renowned Japanese scientist, physician, and educator best known for discovering MUSE cells (Multilineage-differentiating Stress-Enduring Cells)—a unique, naturally occurring type of pluripotent stem cell found in adult tissues. As Chair of the Department of Stem Cell Biology and Histology at Tohoku University Graduate School of Medicine, she leads one of the world's most prominent stem cell research programs. Her discovery of MUSE cells, which can migrate to damaged tissues, differentiate into various cell types, and restore function without tumorigenic risk, has positioned her as a potential Nobel Prize candidate for its groundbreaking impact on regenerative medicine.

With over 120 peer-reviewed publications and as editor of the seminal book Muse Cells: Endogenous Reparative Pluripotent Stem Cells, Professor Dezawa has shaped the foundation of next-generation therapies in fields such as neurology, cardiology, orthopedics, and internal medicine. Her global influence as a scientific advisor continues to redefine the possibilities of regenerative biology, promoting a safer and more ethical approach to cellular therapies.

Dr. Matt Cook, MD, FAARM, ABAARM

Global Leader in Regenerative Orthopedics & Functional Medicine

Dr. Matt Cook is a double board-certified anesthesiologist and a global leader in regenerative orthopedics and functional medicine, with over 20 years of clinical experience. Educated at the University of Washington School of Medicine and UCSF, he has become a trusted expert in non-surgical, biologic-based treatments for pain, inflammation, and chronic illness. As founder of BioReset Medical and BioReset International, Dr. Cook developed a proprietary, multimodal approach that combines ultrasound-guided diagnostics with peptides, PRP, stem cells, and personalized protocols to promote tissue repair and longevity.

A respected educator and innovator, Dr. Cook leads physician training through BioReset University and speaks regularly on anti-aging and regenerative medicine platforms. He has trained thousands of clinicians in advanced techniques such as ultrasound-guided cellular injections, biohacking strategies, and peptide therapy.

The Global Epicenter of Regenerative Medicine

The **ISSCA Global Summit** is more than a medical event—it's the global gathering that defines the future of regenerative medicine. Over two intensive days in Cancun, professionals from 30+ countries come together to learn the latest techniques, technologies, and protocols in cellular therapies, aesthetic regeneration, longevity, metabolism, functional orthopedics, and immunotherapy.

Day 1 delivers an unparalleled academic experience: an international conference featuring more than 18 world-class speakers carefully selected by our scientific committee. Experts come from Japan, the U.S., Europe, Latin America, and the Middle East. Each session offers clinically applicable insights, focused on real-world outcomes backed by scientific evidence. The day concludes with **MedConnect**—a night of global medical networking and dinner at one of Cancun's most iconic venues.

Day 2 is dedicated exclusively to clinical training. ISSCA offers hands-on certifications in the most impactful areas of modern medicine: **immunomodulation, longevity, MUSE Cells, sports medicine, aesthetics, and peptide therapies**. This is where global medical leaders are formed, alliances are built, and cutting-edge tools are brought into clinical practice. Missing this event isn't just missing out on the year's top conference—it's staying behind in the most innovative field in medicine today.

The ISSCA Global Summit is not just an educational experience—it is a statement of global medical leadership.

ISSCA Certification in DEZAWAMUSECELLS™ Technology

An intensive clinical training program focused on the integration of Muse Cells and MuseExosomes™ as tools for targeted regeneration, immunomodulation, and advanced cell therapy. This course is developed in partnership with Dezawa Muse Cell™ Innovations and provides an in-depth understanding of the science, clinical application, safety, and therapeutic potential of this pioneering technology.

Why This Training is Essential

- ✔ **Exclusive access:** Direct training in one of the most innovative cell technologies worldwide.
- ✔ **Therapeutic relevance:** Applications in neurology, cardiology, immunology, dermatology, and musculoskeletal medicine.
- ✔ **Clinical applicability:** Real case studies, regulated protocols, and ready-to-implement formats.

What This Certification Covers:

- **Scientific foundations and differentiation of MUSE Cells™ vs. traditional MSCs:** Understand what makes MUSE Cells™ unique compared to mesenchymal stem cells, including their pluripotent properties, natural origin, and ability to regenerate tissue without tumor formation.
- **Mechanism of action: targeted homing (S1P/S1PR2), in situ differentiation, and paracrine signaling:** Deepen your knowledge of how these cells home to injury sites via stress signals, spontaneously differentiate, and secrete tissue-repairing factors.
- **Comparison of safety, immunogenicity, integration efficiency, and replication:** Review studies demonstrating the superior biocompatibility, low immunogenicity, and genetic stability of MUSE Cells™, ensuring effective integration into human tissue without adverse effects.
- **MuseExosomes™:** acellular clinical application, secretome features, and delivery routes: Learn how to use MuseExosomes™ as a cell-free therapy, their role as biological messengers, anti-inflammatory and regenerative benefits, and safe methods of administration.
- **Clinical evidence: trials in acute myocardial infarction, ALS, stroke, and immunodermatology:** Analyze publications and real cases validating their efficacy in neurodegenerative, cardiovascular, autoimmune, and dermatological conditions.
- **Clinical management: preservation, dosing, combination protocols, and practical considerations:** Gain tools to properly store the product, determine appropriate dosing by pathology, and combine MUSE Cells or MuseExosomes™ with other regenerative therapies under clinical guidelines.

Clinical Areas of Application:

- **Neurodegenerative and neuroinflammatory diseases:** Including ALS, Alzheimer's, Parkinson's, and multiple sclerosis; documented effects in neural repair, microglial modulation, and functional restoration.
- **Clinical immunology and autoimmune disorders:** Immunomodulatory support for lupus, rheumatoid arthritis, psoriasis, and Sjögren's syndrome, reducing inflammation and preserving function.
- **Musculoskeletal regenerative medicine:** Directed repair of cartilage, muscle, and tendons in osteoarthritis, chronic injury, and articular degeneration, with in situ regeneration.
- **Skin rejuvenation, alopecia, and wound healing:** Advanced skin regeneration, collagen quality improvement, hair follicle repopulation, and complex wound closure using topical MuseExosomes™.
- **Cardioprotection and post-viral recovery:** Tissue regeneration in cardiomyopathies, post-infarct damage, and vascular dysfunction linked to viral syndromes or long COVID.
- **Chronic pain, fatigue syndrome, and post-infectious conditions:** Comprehensive management of neuroinflammatory syndromes, mitochondrial restoration, and multisystem recovery.

Clinical Skills You Will Develop:

- Patient intake and data collection
- Patient selection for MUSE/MuseExosomes™ therapies
- Biomarker interpretation and treatment tracking
- Intravascular, intra-articular, topical, and intranasal application techniques
- Combination strategies with peptides, IVs, and mitochondrial support
- Safety, monitoring, and treatment traceability

ISSCA Certification Ceremony

- Official ISSCA certificate delivery
- International recognition as a certified MUSE technology professional

Venues

Renaissance Cancun Resort & Marina

Kukulcan Blvd. Km 1.5, Puerto Cancún,
Hotel Zone, 77500 Cancún,
Quintana Roo

New Cellgenic Laboratory Facilities

Boulevard Luis Donaldo Coloso
(Av. Tulum) Manzana 1, Lote 3
Smz. 9, 77504 Cancun, Q.R.

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Registration & More Info

Limited seats: Secure your spot early

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