

# **Bibliographic Sources for CSC Digital 2020**

## **The Kitchen Sink Approach to the Treatment of Pain Injecting Stem Cells**

*Speaker: Harry Adelson NMD*

Sources: Chou, Roger. "Diagnostic Imaging for Low Back Pain: Advice for High-Value Health Care From the American College of Physicians." *Annals of Internal Medicine*, vol. 154, no. 3, 2011, p. 181., doi:10.7326/0003-4819-154-3-201102010-00008.

## **Practical Exosomes: Regenerative Therapy**

*Speaker: Alan Wu MD*

Sources: Yamashita, T. "Possibility of Exosome-Based Therapeutics and Challenges in Production of Exosome Eligible for Therapeutic Application." *Biol. Pharm. Bull.*41, 835–842 (2018)

## **Cell Based Imaging Follow Up of Image Guided Stem Cell Therapy**

*Speaker: John Feller MD*

Sources: Lander, Elliot B. "Autologous Stromal Vascular Fraction: A New Era of Personal Cell Therapy." *Stem Cells Research, Development & Therapy*, vol. 4, 2018, pp. 1–6., doi:10.24966/srdt-2060/100011.

## **The Truth and Fiction of Regenerative Medicine**

*Speaker: Ahmed Al Qahtani PhD*

Sources: Weshahy, Ragia H., et al. "Clinical and Histological Assessment of Combined Fractional CO<sub>2</sub> Laser and Growth Factors Versus Fractional CO<sub>2</sub> Laser Alone in the Treatment of Facial Mature Burn Scars: A Pilot Split-Face Study." *Lasers in Surgery and Medicine*, 2020, doi:10.1002/lsm.23252.

## **The Role of Nitric Oxide in Regenerative Medicine**

*Speaker: Nathan Bryan PhD*

Sources: Elrod, J. W., et al. "Nitric Oxide Promotes Distant Organ Protection: Evidence for an Endocrine Role of Nitric Oxide." *Proceedings of the National Academy of Sciences*, vol. 105, no. 32, 2008, pp. 11430–11435., doi:10.1073/pnas.0800700105.

## **Exosomes for Therapeutic Uses**

Speaker: Duncan Ross PhD

Sources: Zhou, Yueyuan, et al. "MSC-Exosomes in Regenerative Medicine." *Exosomes*, 2020, pp. 433–465., doi:10.1016/b978-0-12-816053-4.00019-5.

### **Exosomes in Aesthetic and Reconstructive Surgery**

Speaker: Greg Chernoff MD

Sources: Chernoff, Greg, et al. "Mesothelial Stem Cells and Stromal Vascular Fraction." *Facial Plastic Surgery Clinics of North America*, vol. 26, no. 4, 2018, pp. 487–501., doi:10.1016/j.fsc.2018.06.009.

### **The Emerging Role of Lipids, Lipid Rafts, and Lipid Metabolism in Stem Cell Regulation and Therapeutic Effect**

Speaker: Elena Rusyn MD, PhD

Sources: "Lipid Rafts." *SpringerReference*, doi:10.1007/springerreference\_35786.

### **Synolytics and the Science of Longevity Part 1**

Speaker: Joseph Cleaver MD

Sources: Inamoto, I. "Peptide therapeutics that directly target transcription factors." *Peptide Science* 2019, doi: 10.1002/pep2.24048

### **Nutrigenomics: An Integrated Approach in use with BHRT: Optimizing Estrogen Metabolism and Estrogen Receptor Regulation Optimizes Stem Cell Therapy**

Speaker: Naina Sachdev MD

Sources: Gao, Hui, et al. "Genome-Wide Identification of Estrogen Receptor  $\alpha$ -Binding Sites in Mouse Liver." *Molecular Endocrinology*, vol. 22, no. 1, 2008, pp. 10–22., doi:10.1210/me.2007-0121.

### **Biliary Tree Stem/progenitors and Strategies for the Use in Cell Therapies for Hepatic and Pancreatic Diseases**

Speaker: Lola Reid PhD

Sources: Cardinale, Vincenzo, et al. "The Biliary Tree—a Reservoir of Multipotent Stem Cells." *Nature Reviews Gastroenterology & Hepatology*, vol. 9, no. 4, 2012, pp. 231–240., doi:10.1038/nrgastro.2012.23.

### **Autologous Stem Cell Therapy for DM II Research**

Speaker: Zhi Zeng MD, PhD

Sources: Memom, B. "Stem Cell Therapy for Diabetes: Beta Cells versus Pancreatic Progenitors." *Cells* 2020, 9, 283; doi: 10.3390/cells9020283

### **SVF in Orthopedics**

*Speaker: Walter O'Brien MD*

Sources: Mark, Berman, et al. "Prospective Study of Autologous Adipose Derived Stromal Vascular Fraction Containing Stem Cells for the Treatment of Knee Osteoarthritis." *International Journal of Stem Cell Research & Therapy*, vol. 6, no. 1, 2019, doi:10.23937/2469-570x/1410064. Mitochondrial Transfer and Stem Cell Therapy

*Speaker: Ilene Ruhoy MD, PhD*

Sources: Paliwal, Swati, et al. "Regenerative Abilities of Mesenchymal Stem Cells through Mitochondrial Transfer." *Journal of Biomedical Science*, vol. 25, no. 1, 2018, doi:10.1186/s12929-018-0429-1.

### **My Cells My Choice**

*Speaker: Kristin Comella PhD*

Sources: <https://www.ecfr.gov>

### **Cells Not Doctors Heal Patients**

*Speaker: Joe Purita MD*

Sources: Purita, Joseph, et al. "Bone Marrow-Derived Products: A Classification Proposal – Bone Marrow Aspirate, Bone Marrow Aspirate Concentrate or Hybrid?" *World Journal of Stem Cells*, vol. 12, no. 4, 2020, pp. 241–250., doi:10.4252/wjsc.v12.i4.241.

### **The Utilization of a Topical Nitric Oxide Generating Serum in Aesthetics**

*Speaker: Greg Chernoff MD*

Sources: Chernoff G. The Utilization of a Topical Nitric Oxide Generating Serum in the Aging Skin Population: A Pilot Study. *Ann Plast Reconstr Surg*. 2020; 4(2): 1053.

### **Orthopedic Application of Adipose Derived Stem Cells**

*Speaker: Tom Grogan MD*

Mark, Berman, et al. "Prospective Study of Autologous Adipose Derived Stromal Vascular Fraction Containing Stem Cells for the Treatment of Knee Osteoarthritis. *International Journal of Stem Cell Research & Therapy*, vol. 6, no. 1, 2019, doi:10.23937/2469-570x/1410064

### **WNT Activated Stem Cells**

*Speaker: Chris Duma MD*

Sources: Duma, Christopher, et al. "Human Intracerebroventricular (ICV) Injection of Autologous, Non-Engineered, Adipose-Derived Stromal Vascular Fraction (ADSVF) for Neurodegenerative Disorders: Results of a 3-Year Phase 1 Study of 113 Injections in 31 Patients." *Molecular Biology Reports*, vol. 46, no. 5, 2019, pp. 5257–5272., doi:10.1007/s11033-019-04983-5.

### **Regenerative Medicine Approach to Failed Back Surgery Syndrome**

*Speaker: Sunny Kim MD*

Source: Kim, Sunny S., and Christopher B. Michelsen. "Revision Surgery for Failed Back Surgery Syndrome." *Spine*, vol. 17, no. 8, 1992, pp. 957–960., doi:10.1097/00007632-199208000-00015.

### **Cellular Therapy for Brain Injury in Mice and Men (Rats and Humans)**

*Speaker: Sean Berman MS*

Sources: Berman, Sean, et al. "Effective Treatment of Traumatic Brain Injury in Rowett Nude Rats with Stromal Vascular Fraction Transplantation." *Brain Sciences*, vol. 8, no. 6, 2018, p. 112., doi:10.3390/brainsci8060112.

### **A Review of Evidence Based Techniques for Improving SVF Yield For Regenerative Medicine**

*Speaker: Todd Malan MD*

Sources: Malan, Todd. "Adipose-Derived Regenerative Cells." *Stem Cells in Aesthetic Procedures*, 2014, pp. 299–302., doi:10.1007/978-3-642-45207-9\_20.

### **Synolytics and the Science of Longevity Part 1**

*Speaker: Joseph Cleaver MD*

Sources: Inamoto, I. "Peptide therapeutics that directly target transcription factors." *Peptide Science* 2019, doi: 10.1002/pep2.24048