

# Silvia Kurtovic, MD

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<b>Education</b>	Jan-Jun 2019	University of British Columbia, <i>Aesthetic Surgery Fellowship</i>	Kelowna, British Columbia
	Jul-Dec 2018	University of Manitoba, <i>Microsurgery Fellowship</i>	Winnipeg, Manitoba
	2015-2018	Duke University Medical Center <i>Plastic &amp; Reconstructive Surgery, Residency</i>	Durham, NC
	2009-2015	Cedars Sinai Medical Center <i>General Surgery, Residency</i>	Los Angeles, CA
	2008-2009	Cedars Sinai Medical Center <i>General Surgery, Internship</i>	Los Angeles, CA
	2004-2008	Albert Einstein College of Medicine <i>Medical Doctor</i>	Bronx, NY
	2000-2003	University of California, Los Angeles <i>Bachelor of Science Physiological Science, Cum Laude</i>	Los Angeles, CA
	1998-2000	Mount San Antonio College <i>Honors Program Graduate</i>	Walnut, CA

<b>Work History</b>	2019-2020	Austin Plastic & Reconstructive Surgery Private Practice	Austin, TX
	2021-Present	Tucson Plastic Surgery Private Practice	Tucson, AZ

**American Board of Plastic Surgery**    **Board Certified 2021**

**National Provider ID**                    **1013201722**

**Medical License**                         Arizona Medical Board  
62245  
Active

## Publications:

- Dean R, Glener A, Thomas A, Glener S, **Kurtovic S**, Erdmann D. *Silicone migration and late hematoma following silicone implant rupture: case report and literature review*. Plast Reconstr Surg Global Open. 2018
- **Kurtovic S**, Ng T, Gupta A, Arumugaswami V, Chaiboonma KL, Aminzadeh MA, Makkar R, Dafoe DC, Talavera-Adame D. *Leptin promotes endothelial cell differentiation and angiogenesis through STAT3 activation in murine embryonic stem cells*. Microvasc Res 2015, 97:65-74.
- Talavera-Adame D, Gupta A, **Kurtovic S**, Chaiboonma KL, Arumugaswami V, Dafoe DC. *BMP-2/-4 upregulation promoted by endothelial cells in co-culture enhances mouse embryoid body differentiation*. Stem Cells Dev 2013
- Talavera-Adame D, Ng T, Gupta A, **Kurtovic S**, Wu GD, Dafoe DC. *Characterization of microvascular endothelial cells isolated from the dermis of adult mouse tails*. Microvasc Res 2011, 82(2):97-104.
- Talavera-Adame D, Wu G, He Y, Ng TT, Gupta A, **Kurtovic S**, Hwang JY, DL, Dafoe DC. *Endothelial cells in co-culture enhance embryonic stem cell differentiation to pancreatic progenitors and insulin-producing cells through BMP signaling*. Stem Cell Rev 2011, 7(3):532-43.
- Bukur M, **Kurtovic S**, Berry C, Tanios M, Margulies D, Ley EJ, Salim A. *Pre-hospital intubation is associated with increased mortality after traumatic brain injury*. J Surg Research 2011, 175(1):24-9.
- Bukur M, **Kurtovic S**, Berry C, Tanios M, Ley EJ, Salim A. *Pre-hospital hypothermia is not protective in traumatic brain injured patients*. J Surg Research 2011, 170(1):117-21.

- **Kurtovic S**, Vikis E, Edelstein M, Wang HL, Capiendo LM. *Granular cell tumor of the transverse colon and esophagus*. Am Surg 2010;76(12):E220-1.
- Roberts CK, Won D, Pruthi S, **Kurtovic S**, Sindu RK, Vaziri ND, Barnard RJ. *Effect of short-term diet and exercise intervention on oxidative stress, inflammation, MMP-9, monocyte chemotactic activity in men with metabolic syndrome factors*. J Appl Physiol 2006;100:1657-65.
- **Kurtovic S**. (2009). *Critical Care*. In: Kuafman MS, Stead SM, Stead LG. First Aid for the Surgery Clerkship. 2nd ed. United States of America: McGraw Hill Medical. 63-74.

#### Grants

- 6/11/2011 – 6/11/2012 (Co-PI, 70%) PI: B. Azizzadeh  
Brainbow Mouse Model for Study of Regeneration and Synkinesis in Facial Nerve Injury  
Cedars Sinai Medical Center Clinical Scholar and Eigler-Whiting-Mann Grant  
Total Direct Costs: \$23,725

#### Presentations/Posters:

- **Kurtovic S**, Bornhurst K, Mirocha J, Ng T, Peng A, Dafoe DC. *Outcomes of Pancreas Transplantation: A Single Center Experience with Low and High Immunologic Risk Patients*. Pacific Coast Surgical Association 2013.
- **Kurtovic S**, Ng T, Chaiboonma K, Amnizadeh M, Makkar R, Talavera-Adame, D, Dafoe DC. *Enhancement of Cardiovascular Differentiation Induced by Leptin in Mouse Embryonic Stem Cells*. American Transplant Congress 2013.
- **Kurtovic S**, Talavera-Adame D, Dafoe DC. *Promotion of Endothelial Cell Differentiation and Angiogenesis Induced by Leptin in Mouse Embryoid Bodies*. American Transplant Congress 2012.
- **Kurtovic S**, Talavera-Adame D, Dafoe DC. *Promotion of Endothelial Cell Differentiation and Angiogenesis Induced by Leptin in Mouse Embryoid Bodies*. Cedars Sinai Research Day III 2012.
- Talavera-Adame D, **Kurtovic S**, Svendsen CN, Svendsen SP, Dafoe DC. *Endothelium effects on the differentiation of iPSCs to insulin-producing cells*. American Society for Cell Biology 2011.
- Talavera-Adame D, **Kurtovic S**, Wu G, Dafoe DC. *BMP Pathway Activation Induced by Endothelial Cells in a Co-Culture System Promotes Human Embryonic Stem Cell Differentiation to Insulin-Producing Cells*. American Transplant Congress 2011.
- Talavera-Adame D, Wu, G, **Kurtovic S**, Ng T, Gupta A, Hwang JY, Farkas DL, Dafoe DC. *Endothelial Cells in Co-culture Enhance Embryonic Stem Cell Differentiation to Pancreatic Progenitors and Beta-like Cells Through BMP Signaling*. Cedars Sinai Research Day II 2011.
- **Kurtovic S**, Bukur M, Berry C, Tanios M, Ley EJ, Salim A. *Pre-Hospital Intubation Increases Mortality after TBI*. 6<sup>th</sup> Annual Academic Surgical Congress 2011.
- **Kurtovic S**, Bukur M, Berry C, Tanios M, Margulies D, Ley EJ, Salim A. *Pre-Hospital Hypothermia is Not Protective in TBI*. 6<sup>th</sup> Annual Academic Surgical Congress 2011.
- Kohanzadeh S, **Kurtovic S**, Cohen A, Kulber D, Aronowitz J. *Post-bariatric Male Gynecomastia*. Southern California Chapter of the American College of Surgeons 2010.
- Elbarbary AS, Zhu M, De Ugarte D, Ashjian P, Zuk P, **Kurtovic S**, Benhaim P, Hedrick M. *Growth and differentiation of human processed lipoaspirate cells during extensive subcultivation*. Plastic Surgery Research Council 47th Annual Meeting 2002.

#### Awards/Honors

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|--|------|-------------------------|
| • Sports Spectacular Endowed Fellowship                          | 2012 | Cedars Sinai            |
| • Craig A. Lipkin Award for Excellence in Research               | 2011 | Cedars Sinai            |
| • Outstanding Intern Award                                       | 2009 | Cedars Sinai            |
| • UCLA Alumni Scholarship  | 2000 | UCLA                    |
| • Students of Distinction Award, Outstanding Service Achievement | 2000 | Mt. San Antonio College |

#### Volunteer Experience

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|---|------|-------------------------|
| • HELPS International Medical Mission         | 2012 | Joyabaj, Guatemala      |
| • Mending Kids International Hometown Mission | 2013 | Los Angeles, California |