



Ryan Welter MD

COSMETIC AND HAIR RESTORATION SURGEON



Curriculum Vitae

Ryan Welter M.D., Ph.D

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North Attleboro, MA 02760
r.welter@regenerismedical.com
www.ryanweltermd.com

Summary

Dr. Welter is the CEO and Medical Director of Regeneris Medical. Dr. Welter obtained his doctorate in biochemistry and molecular biology from Oklahoma State University and his M.D. from the University of Oklahoma. He completed his residency at Brown University Medical School, where he now serves as clinical associate professor. In 2005, Dr. Welter began a successful hair restoration practice and founded the New England Center for Hair Restoration. Finding success in cellular therapy for hair restoration, Dr. Welter began pursuing research into regenerative medicine and founded Regeneris Medical which today is involved in several clinical trials utilizing regenerative medicine technologies. He performed the first ever stem cell therapy treatment for hair loss in 2011 and continues to pioneer bio-cellular and stem cell therapies for a host of medical conditions.

Business Achievements

Regeneris Medical

465 South Washington Street
North Attleboro, MA 02760
www.regenerismedical.com

Founder, Medical Director, and CEO of Regeneris Medical, a biologic research and development company with a core focus on autologous cell based therapies for antiaging and therapeutic indications with several active clinical trials. Regeneris Medical develops and licenses protocols for the use of stromal vascular fraction (containing mesenchymal stem cells) to a growing network of physicians who then report the outcome data back to Regeneris allowing for additional analytics and refinements. In 2011, Dr. Welter was the first to use stem cell therapy to stimulate hair growth with early success and subsequently developed a consistent protocol for male and female pattern hair loss. Regeneris has since developed some twenty protocols for a myriad of conditions including osteoarthritis of the knee with the focused goal of obtaining the first FDA approved Biological License Application for adipose derived stem cells to treat osteoarthritis.

New England Center for Hair Restoration

315 University Avenue
Westwood, MA 02090
www.nehair.com

Founder and Chief Surgeon. Under Dr. Welter's direction, The New England Center for Hair Restoration (NEhair) has become a leading provider of hair restoration services for the greater New England Area. Dr. Welter's research in cell based treatments for hair gave NEhair a distinct patient niche by offering cell based therapy for hair loss using platelet rich plasma, adipose derived stem cells, and cell matrixes to help stimulate hair growth. NEhair also provides the most advanced surgical options for hair loss by combining stem cell therapy with either robotic assisted surgery or microFUE, Dr. Welter's signature surgical technique which he developed. MicroFUE (microscopic Follicular Unit Extraction) requires surgical precision to extract individual hair grafts at the submillimeter level which leaves stem cell tissue in the extracted area which with the addition of proprietary stem cell applications stimulates regrowth of surgical extraction areas, essentially cloning extracted hairs.

Tristan Medical PC

675 Paramount Drive, Suite 203
Raynham, MA 02767
www.tristanmed.com

Tristan Medical PC was opened in 2002 by Dr. Welter as a single primary care practice in Taunton, MA. He grew it to include 7 locations in South Eastern Massachusetts spanning from the Attleboros to Cape Cod. A novel integration model was engaged to spur growth and development whereby each location was fueled by a mix of primary care, urgent care and occupational health patients. Existing primary care patients benefited from the urgent care after hours model, while the urgent care line helped grow the PCP panel through the recruitment of walk-in patients. The PCP panel also benefited from occupational health development as these were patients who had a job and insurance, but generally did not always have a PCP. In a series of acquisitions, Dr. Welter also obtained Miray Medical (Brockton MA), which had a robust research department, thus adding clinical research as an additional revenue line to the Tristan Care Centers. In 2014 Dr. Welter enlisted MedEquity and Provident Healthcare Partners to successfully obtain funding and additional leadership for the growth and development of Tristan Medical. Jeff Ward of MedEquity (who grew Apple Care in Georgia) to 12 locations was named CEO. Dr. Welter relinquished majority ownership of 6 locations, but retained sole control of the North Attleboro location and the research department.

Tristan Medical Enterprises

Tristan Medical Enterprises (TME) was set up a holding company for absorption of Tristan Medical North Attleboro which was retained by Dr. Welter after he relinquished control of the 6 other Tristan locations in 2014. In a few short years, TME has grown to approximately 5 million in annual revenue and includes the existing North Attleboro primary care/urgent care practice, two growing plastic surgery/dermatology practice sites (Regeneris Boston), and Raynham Taunton Pediatrics.

Skye Enterprises LLC

Owner, Managing Director

Skye Enterprises is a real estate development company with \$20MM in assets primarily in the medical office building market. Services include strategic development, management, and investment. Dr. Welter began Skye with the development of a 37,500 square foot medical office building in Raynham, MA, and has since added 104,000 square feet of office space to the portfolio. In addition to managing owned properties, Skye manages and additional 30,000 square feet of medical and office space.

Patents

Zahir, A., Welter, R., (2015). US9050325B2, Ondansetron nasal spray composition, US Patent Office.

Academic Accomplishments

Faculty Appointment Brown University School of Medicine, Associate Clinical Professor
(2005-present)

Residency Brown University
Memorial Hospital of Rhode Island
Family Medicine Residency
Completion June 2002

Post Residency Training Hair Restoration and Transplant Surgery
Areas of Emphasis
Hair Restoration Surgery
Follicular Unit Extraction (FUE)
Micro-grafting techniques
Autologous Mesenchymal Stem Cell Transfer
Platelet Rich Plasma (PRP)

Cosmetic Surgery

Areas of Emphasis

Liposuction
Fat Transfer to Face and Breast
Fat and Cell Based Breast Augmentation
Cutaneous Laser Treatments
Vaginal and Penile Rejuvenation

Post Graduate

University of Oklahoma College of Medicine, Oklahoma City, OK
Doctor of Medicine
May, 1999

Oklahoma State University, Stillwater, OK
Doctor of Philosophy
December, 1996

Major: Biochemistry and Molecular Biology
Skills: Biotechnology, molecular genetics, protein biochemistry, bioengineering, bioenergetics
Designed and implemented novel research projects, lead research teams, research budgets
Thesis: Studies on electron transport molecules, binding sites, structural analysis, and chemical modification

Undergraduate

Oklahoma State University

Bachelor of Science
May, 1993
Major: Biochemistry

Hospital Medical Staff Appointments

2002-present	Attending Staff Physician, Morton Hospital, Taunton, MA
2010- present	Attending Staff Physician, Norwood Hospital, Norwood, MA
2010- present	Attending Staff Physician SouthCoast Hospital System
2001-2003	St. Anne's Hospital, Fall River, MA
2000-2003	Mediplex Rehab Hospital, New Bedford, MA

Research Experience:

Medical Director & Investigator, Miray Medical Research, Brockton, MA 02301
Tristan Medical Research, North Attleboro, MA 02760,
Regeneris, North Attleboro, MA 02760

MA Licensed Researcher

Feb 2016-Present	A Randomized, Double-Blind, Placebo controlled Trial to Assess the Efficacy and Safety of AXS-02 administered Orally to Subjects with Knee Osteoarthritis associated with Bone Marrow Lesions
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- Feb 2016-Present A Multi-Center, Randomized, Double-Blind, Active Controlled, Parallel Group, Phase III Trial to Evaluate the Safety and Efficacy Saxagliptin 5mg Co-administered with Dapagliflozin 5mg compared to Saxagliptin 5mg or Dapagliflozin 5mg all given as Add-on therapy to Metformin in Patients with Type II Diabetes who have Inadequate Glycaemic Control on Metformin Alone.
- 2015-Present Assessment of the clinical Performance of the ARROW-FLU System for the Detection of Influenza A and B in Symptomatic Patients
- 2015-Present A Parallel Group, Double-Blind, Randomized, Placebo Controlled, Trial to Evaluate the Efficacy and Safety of ALD403 Administered Intravenously in Patients with Frequent Episodic Migraines.
- 2015-Present An open Label Trial to Evaluate the Safety of ALD403 Administered Intravenously in Patients with Frequent Episodic Migraines.
- 2015-Present A Randomized, Placebo- Controlled, Double-Blinded Study To Evaluate The Efficacy And Safety Of An Intra-Articular Injection of AMPION™ In Adults With Pain Due To Osteoarthritis of The Knee.
- 2014- Present A Multinational, Randomized, Double Blind, Placebo Controlled Trial to Evaluate the Effect of Ticagrelor 90 mg Twice Daily on the Incidence of Cardiovascular Death, Myocardial Infarction or Stroke in Patients with Type 2 Diabetes
- 2013-Present A Randomized, Multicenter Study to Evaluate Cardiovascular Outcomes with in Patients Treated with Standard of Care for Type 2 Diabetes
- 2012 - Present Multi-centre, International, Randomized investigation as to the efficacy of adipose derived mesenchymal stem cells for stimulating hair growth in androgenic hair loss patients. Primary Investigator.

Abstract:

Regeneration of the body through the use of autogenous stem cells is fast becoming a reality. Recently, bone marrow derived mesenchymal stem cells have been shown to enhance ventricular remodeling in patients with ischemic cardiomyopathy (Jama, Dec. 2012) when allogenic cells are deployed via transendocardial injection. However, bone marrow stem cells are difficult to obtain and require culture. In Contrast, adipose-derived mesenchymal stem cells (ADMSC) are easy to obtain and do not require culture to obtain large quantities. Further ADMSC have been shown in preliminary investigations to have positive effects in wound healing, collagen synthesis, joint healing, and skin rejuvenation. In addition, both locally injected ADMSC and IV deployment ADMSC have been shown to be efficacious in various settings. This study investigates the use of ADMSC in stimulating hair growth in male and female patients with androgenic hair loss. Recruited surgical patients are randomized to either IV only deployment with surgery or surgery with grafts incubated with ADMSC. To date no adverse reaction has been reported. Study is ongoing and still recruiting patients.

- 2012 - Present Multi-centre, International investigation to evaluate the use of a Simplified Objective Hair Loss Measurement Standard in Males with Alopecia. Primary Investigator.
- Abstract:
- Despite advances to date, hair transplant surgeons, clinicians, and patients are often frustrated that a scientific standardized hair loss classification doesn't exist. The Norwood classifications system which has long existed as the standard in our field remains largely subjective and fails to include all combinations of hair loss possibilities in male patients. A uniform standardized objective hair loss classification that covers most combinations and patterns of hair loss has been presented as the Welter Classification System. The Welter Classification System uses objective measurements to classify patients for classification inspecific hair loss patterns. Enrolled study sites will submit male patients for classification and epidemiological study. It is the researchers goal to adopt a clinically objective uniform hair loss classification system whether for scientific presentation, discussion, the academe or for the public in general which is upheld by solid demographic data. The results should yield a uniform standardized hair loss classification system that conforms with scientific and medical standards such as exits in other fields of medicine.
- 2011 - Present A Multi-centre, International, Randomized, Parallel Group, Double Blind Study to Evaluate Cardiovascular Safety of Linagliptin Versus Glimepiride in Patients with Type 2 Diabetes Mellitus at High Cardiovascular Risk. Primary Investigator
- 2012 - 2013 A Study of Pregabalin in the Treatment of Subjects with Painful Diabetic Peripheral Neuropathy with Background Treatment of NSAID for Other Pain Conditions. Primary Investigator
- 2012 -2014 A Randomized, Double-blind, Double-dummy, Placebo-controlled, Active-controlled, Parallel-group, Multi-centre Trial of Oxycodone/Naloxone Controlled-release Tablets (OXN) to Assess the Analgesic Efficacy (Compared to Placebo) and the Management of Opioid-induced Constipation (Compared to Oxycodone Controlled-release Tablets (OXY)) in Opioid-experienced Subjects with Uncontrolled Moderate to Severe Chronic Low Back Pain and a History of Opioid-induced Constipation who Require Around-the-clock Opioid Therapy-Primary Investigator
- 2012 - 2013 A Phase 2B, Randomized, Double-Blind, Double-Dummy, Placebo-controlled, Parallel Group Study to Evaluate the Efficacy and Safety of Once-Daily Orally Administered PH-797804 for 12 Weeks in Adults with Moderate to Severe Chronic Obstructive Pulmonary Disease (COPD) on a Background of tiotropium bromide. Primary Investigator
- 2012 - 2013 Observational study of the use of Krystexxa in adult hyperuricemic patients with gout refractory to conventional therapy. Primary Investigator
- 2011 - 2012 A Clinical Outcomes Study to compare the effect of Fluticasone Furoate/ Vilanterol Inhalation Powder 100/25mcg with placebo on Survival in Subjects with moderate Chronic Obstructive Pulmonary Disease (COPD) and a history of or at increased risk for cardiovascular disease (Closed). Sub-Investigator

- 2011 – 2012 A Phase III, Multi-centre, Randomized, Open-label Clinical Trial Comparing the Efficacy and Safety of a Sitagliptin-Based Treatment Paradigm to a Liraglutide-Based Treatment Paradigm in Patients With Type 2 Diabetes Mellitus Who Have Inadequate Glycemic Control on Metformin Monotherapy (Closed). Sub-Investigator
- 2011 – 2012 A Phase 3, Multi-centre, Randomized, Double-blind, Placebo-controlled, Parallel-group Study of Oral Methylnaltrexone (OM) for the Treatment of Opioid-Induced Constipation (OIC) in Subjects with Chronic, Non-Malignant Pain (Closed). Sub-Investigator

Professional Societies

International Society of Hair Restoration Surgery, member
 International Federation for Adipose Therapeutics and Science, member
 American Academy of Cosmetic Surgery, member
 International Society of Plastic and Regenerative Surgeons, member
 American Medical Association, member (1996-present)
 American Academy of Family Physicians, member (1996-present)
 Massachusetts State Medical Association (1999-present)
 American Board of Family Medicine, Diplomat
 Healing Heroes Network (2012-present)

Recent Invited Presentations

The Aesthetics Show, Las Vegas, Nevada, July 2018

“Presentation Title: Is There a Regulatory Pathway for Regenerative Medicine? How the FDA Continues to Clarify”
 Keynote Address: “Regenerative Aesthetics Comes of Age”
 “Regenerative Life into Your Practice: Learn the Fastest Ways to Adapt Regenerative Medicine in to Your Practice Today”

FUE Europe Society, Malaga, Spain, April 2018

“Cell Biology of hair - a review of our current understanding of biocellular interactions of the hair follicle”
 “Hair loss and Regenerative Medicine - Cell directed therapies are changing the way we treat everything - including hair loss

American Academy of Cosmetic Surgeons, Annual Scientific Meeting to Las Vegas, Nevada, February 2018.

“From Hair to There - Regenerative and Cellular Techniques for Stimulating Hair Growth”

World Congress on Liposuction, Chicago, IL, Sept 2017

“Adipose Derived Stromal Cell Isolation in the Office Setting - Bridging Outpatient Surgical Standards to Meet Current Regulatory Guidance

FUE Europe Congress, Ankara, Turkey, May, 2017

“Reversing Hair Loss and Promoting Hair Growth with Biocellular Applications”

American Academy of Cosmetic Surgery, Ft. Lauderdale, Florida, January 2014

“Multi-center International, Randomized Investigation as to the Efficacy of Adipose Derived Mesenchymal Stem Cells for Stimulating Hair Growth in Androgenic Hair Loss Patients.”

Respiratory Drug Delivery Europe, Nice, France, April 2017
“Nasal Delivery of Ondansetron for Rapid Action”

International Society of Hair Restoration Surgery, San Francisco, October 2013
“Coffee with the Experts- Stem Cells for Hair Loss”
“Multi-Centre, International, Randomized
Investigation as to the Efficacy of Adipose Derived Mesenchymal Stem
Cells for Stimulating Hair Growth in Androgenic Hair Loss Patient”
“New Interventions That Can Improve Outcomes of Hair Transplant Surgery”
Bahamas, October 2012, “Simplified Objective Hair Loss Measurement Standard -
Introduction to the Welter Hair Loss Classification System”

DHI Academy Masters Meeting, Athens, Greece, June 2015
“Autologous Fat Stem Cell Therapy for Hair Restoration”

DHI Academy Masters Meeting, Athens, Greece, June 2014
“Stem Cell therapy for Hair Loss”
“Platelet Rich Plasma (PRP), Standards for Use in Hair Loss”

**First Symposium on Human Adipose Derived Cells and Growth Factors in Dermatology and
Trichology, Fabio Rinaldi Studios, Milan, Italy, May 2013**
“Experience with PRP and Stem Cell Therapy for Hair Loss”

**Second International Congress on the use of Growth Factors, Cell Therapy, and Platelet Rich
Plasma in Dermatology, Milan, Italy, January 2013**
“Experience with the use of Stem Cells in Hair Loss.”

Hobbies

Literature, Writing, Piano, Musical Composition, Gardening, Water Sports, Travel, Charity, and most of all spending time with my lovely wife and our eight children.

Selected Media Links

Terrafemina

<http://www.terrafemina.com/societe/buzz/articles/35854-kim-kardashian-bientot-chaue-comme-britney-spears-.html>

Worldlifestylebeauty

<http://www.worldlifestyle.com/beauty/thick-full-healthy-hair-diet>

Gossip HQ

<http://www.thegossiphq.com/is-kim-kardashian-losing-her-hair-expert-hairstylists-speak/>

Fashion.com

<http://era-fashion.com/2014/01/24/Everything-You-Need-to-Know-About-Going-Gray/>

DailyMakerOver.com

<http://www.dailymakeover.com/trends/hair/gray-hair/>

HollywoodLife.com

<http://hollywoodlife.com/2014/01/08/kim-kardashian-hair-loss-balding-extensions-experts/>

Huffington Post

<http://www.huffingtonpost.com/ryan-welter/>

http://www.huffingtonpost.com/ryan-welter/restoring-the-hair-of-our-heroes_b_4549444.html

HairLoss Specialist

<http://www.hairlossspecialists.com/articles/veterans-charity-provides-hair-restoration/206/>

SheKnows.com

<http://www.sheknows.com/entertainment/articles/1017103/is-stress-causing-kristen-stewart-to-lose-her-hair>

FOX News

<http://www.foxnews.com/entertainment/2013/10/15/miley-cyrus-molly-lyrics-experts-warn-its-dangers-users-dont-listen/>

<http://www.klikk.no/mote/kamille/moteogskjonnhet/article849124.ece>

<http://magazine.foxnews.com/style-beauty/beer-beautiful-hair-does-it-work>

Fall In Military News:

<http://www.fall-inmilitarynews.us/National.html>

Living Better Magazine

<http://www.livingbetteronline.com/search/label/Ryan%20Welter>

Allure Magazine

<http://www.allure.com/beauty-trends/blogs/daily-beauty-reporter/2013/06/hair-transplants-for-eyebrows.html>

Naturally Curly Mag

<http://www.naturallycurly.com/curlreading/health-health-beauty/hair-regrowth-and-stem-cell-research>

Dr. Mache Seibel Blog Talk Radio

<http://www.blogtalkradio.com/mymenopauseradio/2013/04/29/dr-seibel-qa-w-dr-ryan-welter-on-hair-loss-in-menopause>

NaturallyCurly.com

<http://www.naturallycurly.com/curlreading/health-health-beauty/hair-regrowth-and-stem-cell-research>

<http://www.naturallycurly.com/curlreading/author/claire-aviles/page/4/>

Gazettenet.com

<http://www.gazettenet.com/blogs/everythingelse/5264199-95/hair-restoration-welker-surgery>

Fox News Magazine

<http://magazine.foxnews.com/style-beauty/beer-beautiful-hair-does-it-work>

My Menopause Radio

<http://www.youtube.com/watch?v=DZP8dkor-r4>

Spry Living Magazine Blog

<http://blogs.spryliving.com/losing-your-hair-heres-help/>

SheKnows.com

<http://www.sheknows.com/beauty-and-style/articles/986325/how-to-prevent-hair-loss>

EverydayHealth.com

<http://www.everydayhealth.com/prostate-cancer/early-baldness-may-mean-early-prostate-cancer-in-african-american-men-6823.aspx>

<http://www.everydayhealth.com/news/legal-addiction-deadlier-than-heroin/>

Patch.com

<http://foxborough.patch.com/groups/announcements/p/an--boston-area-hair-surgeon-announces-biggest-baldes0f2c7e09f5>

Metro US

<http://www.metro.us/boston/news/local/2013/01/09/going-head-to-head-boston-area-hair-doctor-holds-bald-patriots-fan-contest/>

Anythingyoulove.com

<http://www.anythingyoulove.com/2013/02/24/natural-remedy-for-shiny-hair/>

Mens Health

<http://www.mensjournal.com/contributor/matt-bell>