

Table 3. Stem Cell/Cell Therapy in Ophthalmology - Ongoing & Completed Clinical Trial Details

Disease State	Clinical Trial	Sponsor	Clinical Sites	Status	Number Patients to be Studied	Number Studied to Date
Stargardt's Disease	NCT01345006	OCATA Therapeutics (Formerly: Advanced Cell Technology)	<ul style="list-style-type: none"> UCLA/Jules Stein - R* Wills Eye Institute - R Bascolm Palmer -R 	Phase I/II	12	9
	NCT01469832	“	<ul style="list-style-type: none"> Moorfields -R NHS Lothian (Scotland) - R 	Phase IIa	4	3
	NCT01625559	CHA Bio & Diostech (S. Korea)	CHA Bundang Med. Cntr. - NYR	Phase I/II	12	12
	NCT01736059	Univ. Cal. Davis	Univ. Cal. Davis - R	Phase II	100 @ 30 sites in NA & Europe	Start 4 th Qtr 2014
Glaucoma Primary Open Angle	NCT01625559	CHA Bio & Diostech (S. Korea)	CHA Bundang Med. Cntr. - NYR	Phase I	3	2
	NCT01736059	Univ. Cal. Davis	Univ. Cal. Davis - R	Phase I	2-3	1
Glaucoma Primary Open Angle	NCT01408472	Dr. Jeffrey Goldberg Univ. of Miami	Bascolm Palmer - NYR	Phase I	10	

Disease State	Clinical Trial	Sponsor	Clinical Sites	Status	Number Patients to be Studied	Number Studied to Date
Macular Telangiectasia (MacTel)	NCT01327911 NCT01949324	Neurotech <ul style="list-style-type: none"> • Neurotech • Lowy Med Res Institute • Emmes Corp • Duke Reading Center 	<ul style="list-style-type: none"> • UCLA/Jules Stein - NYR • Retina Assoc. of Cleveland - NYR • UCLA/Jules Stein - NYR • Bascom Palmer - NYR • NEI - NYR • U Mich - NYR • U Wisc - NYR • Save Sight Inst (AUS) - NYR • Cntr Eye Res (AUS) - NYR • Lions Eye (AUS) - NYR 	Phase I Phase II	7 68	7 Start date Jan 2014

Disease State	Clinical Trial	Sponsor	Clinical Sites	Status	Number Patients to be Studied	Number Studied to Date
Dry AMD/GA	NCT01344993	OCATA Therapeutics (Formerly: Advanced Cell Technology)	<ul style="list-style-type: none"> UCLA/Jules Stein - R Wills Eye Institute - R Bascolm Palm-R Mass Eye -R 	Phase I/II	12	9
				Phase IIa	4	3
				Phase II	50 @ 10 US sites	Start First Half of 2015
	NCT01674829	CHA Bio & Diostech (S. Korea)	CHA Bundang Med. Cntr. - NYR	Phase I/II	12	2
	NCT01226628	Janssen R&D(J&J)	<ul style="list-style-type: none"> Retina Institute of CA - R Wills Eye Institute - R 	Phase I/IIa Recruitmnt suspended Jan, 2014	68	29
	NCT01632527	StemCells Inc.	<ul style="list-style-type: none"> Retina Found. of the Southwest - R Byers Eye Institute, Stanford -R New York Eye Infirmary-R Retina-Vitr. Med Grp, LA-R Ret. Res. Inst. 	Phase I/II Recruitmnt completed, planning started for Phase II.	16	15

Disease State	Clinical Trial	Sponsor	Clinical Sites	Status	Number Patients to be Studied	Number Studied to Date
Dry AMD (Continued)	NCT00447954	Neurotech	Multiple	Completed	48	51
	NCT01736059	Univ. Cal. Davis	Univ. Cal. Davis - R	Phase I	2-3	1
	CTRI/2010/091/000639	Indian Council of Medical Research	Dr. RP Cntr for Ophthalmic Sciences, All India Instit of Medical Sciences	Phase I	25	
	NCT02024269	BioHeart	Hollywood Eye Inst. (FL) - R	Open	100	
	NCT02286089	Cell Cure Neurosciences	Hadassah Ein Kerem Med Cntr, Jerusalem-NYR	Phase I/II	15	
Wet AMD	NCT01691261	Pfizer	• Univ. Col. London - R	Phase I	10	To begin March 2014?
	NCT01518127	Univ. of San Paulo	Centro de Pesquisa Rubens Siqueira - R	Phase I/II	10	
	UMIN000011929	Riken	Kobe City Med. Cntr.-R	Phase I	6	1 Began September 12, 2014

Disease State	Clinical Trial	Sponsor	Clinical Sites	Status	Number Patients to be Studied	Number Studied to Date
Corneal Surface Repair/Limbal Cell Renewal	NCT01489501	CellSeed France SARL/FGK Clinical Reserach GmbH	Universitatsklinikum, Erlangen, Germany - NYR*	Phase III	82	10
	NCT00845117	Univ. Hosp. Antwerp	Univ. Hosp. Antwerp - R	Phase I/II	9	
	NCT01619189	Centre Hospitalier d'Ophth. des Quinze-Vingts, Paris	CHNO des Quinze-Vingts, Paris - R	Phase II	15	
	NCT00736307	Royan Institute (Tehran, Iran)	<ul style="list-style-type: none"> ● Royan Instit. ● Labbafinejad Ophth. Res. Center 	Completed	10	
	NCT01562002	Instit. Univ. De Oftalmobiologia Aplicada, Valladolid, Spain	IOBA, Valladolid, Spain - R	Phase I/II	30	
Bechet's Disease	NCT00550498	Tehran Univ. of Medical Sciences	Shariati Hosp. Tehran, Iran (Terminated. No improvement in 3 patients, retinal detachment in 2)	Phase I	5	5

Disease State	Clinical Trial	Sponsor	Clinical Sites	Status	Number Patients to be Studied	Number Studied to Date
Ocular Surface Repair	NCT01470573	Fundacion Clinic per a la Recerca Biomedica (Spain)	<ul style="list-style-type: none"> Hospital Clinic Barcelona - R Instituto Univ. Barraquer -R Instituto de Microcirugia Ocular - NYR 	Phase I/II	15	10
	NCT01123044	Ministry of Health, Malaysia	Hosp. Kuala Lumpur - NYR	Phase III	42	
	NCT00491959	National Taiwan Univ. Hosp.	National Taiwan Univ. Hosp. (Terminated due to unstable cell sheet quality)	Phase I	0	
	NCT01942421	Mahidol Univ. (Thailand)	Pinnita Prabhasawat, MD, Bancock, Thialand - ongoing, NR	Phase II/III	20	

Disease State	Clinical Trial	Sponsor	Clinical Sites	Status	Number Patients to be Studied	Number Studied to Date
Retinitis Pigmentosa	NCT00063765	National Eye Institute (NEI)	NIH Health Center	Completed	10	10
	NCT01068561	Univ. of San Paulo	Centro de Pesquisa Rubens Siqueira	Completed	5	5
	NCT01560715		Centro de Pesquisa Rubens Siqueira - R	Phase II	50	20
	NCT01531348	Mahidol Univ. (Thailand)	Siriraj Hosp., Madidol Univ. - R (By invitation only)	Phase I	10	
	NCT01736059	Univ. Cal. Davis	Univ. Cal. Davis	Phase I	2-3	1
	NCT01914913	Chaitanya Hosp., Pune, India	Chaitanya Hosp., Pune, India - NYR	Phase I/II	15	
	CTRI/2010/091/000639	Indian Council of Medical Research	Dr. RP Cntr for Ophthalmic Sciences, All India Instit of Medical Sciences	Phase I	25	
NCT02280135	Red de Terapia Celular	Clinical University Hospital Virgen de la Arrixaca El Palmar, Murcia, Spain - NYR	Phase I	10		

Disease State	Clinical Trial	Sponsor	Clinical Sites	Status	Number Patients to be Studied	Number Studied to Date
Retinitis Pigmentosa/Usher Syndrome Types 2 & 3, and Choroideremia	NCT00447980	Neurotech	Multiple	Completed	60	60
	NCT00447993		Multiple	Completed	60	60
Retinitis Pigmentosa/Usher Syndrome Types 2 & 3	NCT01530659	Neurotech	Univ. CASF - R	Phase II	30	
CNGB3 Achromatopsia	NCT01648452	National Eye Institute (NEI)/Neurotech	NIH Health Center - ongoing, NR	Phase I/II	5	
Ischemic Retinopathy (Diabetic Retinopathy)	NCT01518842	Univ. of San Paulo	Centro de Pesquisa Rubens Siqueira - R	Phase I/II	30	
	NCT01736059	Univ. Cal. Davis	Univ. Cal. Davis	Phase I	2-3	
Corneal epithelial stem cell deficiency	JPRN-UMIN000006745	Dept. Ophth, Tohoku Univ. Grad School of Medicine (Japan)	Dept. Ophth, Tohoku Univ. Grad School of Medicine (Japan) - NYR	Phase I	10	
	JPRN-UMIN000005400	Dept. Ophth, Osaka Univ Grad School of Medicine (Japan)	Dept. Ophth, Osaka Univ Grad School of Medicine (Japan)- R	Phase I	10	4
	NCT01237600	Mahidol Univ. (Thailand)	Siriraj Hosp., Madidol Univ.	Completed	19	19
Retinal Vein Occlusion	NCT01736059	Univ. Cal. Davis	Univ. Cal. Davis	Phase I	2-3	1

Disease State	Clinical Trial	Sponsor	Clinical Sites	Status	Number Patients to be Studied	Number Studied to Date
Myopic Macular Degeneration	NCT02122159	Univ Cal Los Angeles (UCLA)/Advanced Cell Technology	UCLA/Jules Stein - NYR	Phase I/II	12	
Neuromyelitis Optica/Devics Disease	NCT01339455	Univ. of Calgary	Foothills Med Cntr - R	Phase I/II	10	
	NCT00787722	Richard Burt, MD Northwestern Univ.	Northwestern Univ. Feinberg Schl of Med - R	Phase I	10	
Optic Nerve Atrophy/Disease	ChiCTR-TNRC-11001491	General Hosp of the Chinese People's Armed Police Force (China)	General Hosp of the Chinese People's Armed Police Force (China) - NYR	Phase I/II	20	
	NCT01411657	Dr. Jeffrey Goldberg Univ. of Miami	Bascolm Palmer - ongoing, NR	Phase I	11	
	NCT01834079	Chaitanya Hosp, Pune	Chaitanya Hosp, Pune-R	Phase I/II	24	

Irv Arons November 2014 (Version 27, November 7, 2014)

NYR - Not yet recruiting, R - Recruiting