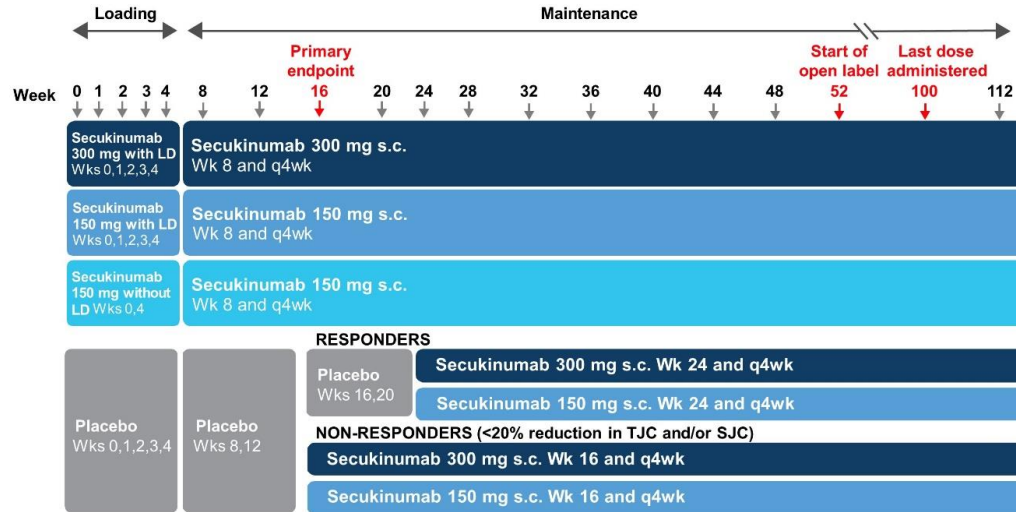


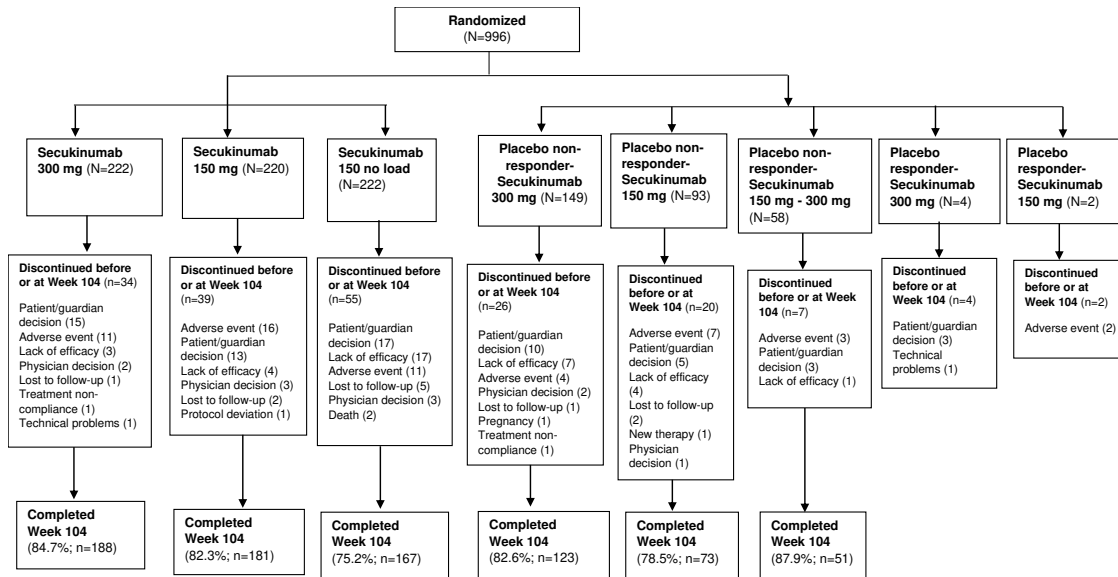
Online supplemental material

Supplemental Figure 1. Study design



The dosage of secukinumab (150 mg or 300 mg) that placebo patients were re-randomised to receive at week 16 (non-responders) or week 24 (responders) was predetermined at baseline. Up-titration to secukinumab 150 mg to 300 mg at week 52 depended on investigator judgement LD, loading dose; SJC, swollen joint count; s.c, subcutaneous; TJC, tender joint count; wk, week

Supplemental Figure 2. Patient disposition



Twenty-six patients from placebo groups discontinued on or before week 16 and were not classified as responders or non-responders.

**Supplementary Table 1. Relationship between inhibition of structural damage (group level) and disease activity state**

Change in vdH-mTSS, mean (SD)		No response (Wk 24-52)			Only 1 response (Wk 24-52)			Sustained response for at least 3 visits		
		SEC 150 mg LD (N=101)	SEC 150 mg NL (N=91)	SEC 300 mg (N=98)	Sec 150 mg LD (N=14)	Sec 150 mg NL (N=13)	Sec 300 mg (N=15)	Sec 150 mg LD (N=50)	Sec 150 mg NL (N=57)	Sec 300 mg (N=65)
<b>DAPSA REM</b>	Baseline to Week 52	0.420 (2.27)	0.405 (1.63)	0.115 (1.91)	0.038 (0.80)	-0.154 (0.63)	0.167 (0.72)	-0.200 (1.32)	0.219 (1.03)	-0.108 (0.79)
	Baseline to Week 104	0.857 (3.38)	0.522 (1.90)	0.744 (5.78)	0.167 (0.78)	0.077 (1.21)	0.033 (0.30)	0.010 (1.47)	0.395 (2.95)	-0.179 (1.14)
<b>DAPSA LDA+ REM</b>		SEC 150 mg LD (N=29)	SEC 150 mg NL (N=20)	SEC 300 mg (N=26)	SEC 150 mg LD (N=11)	SEC 150 mg NL (N=10)	SEC 300 mg (N=17)	SEC 150 mg LD (N=122)	SEC 150 mg NL (N=131)	SEC 300 mg (N=143)
	Baseline to Week 52	0.963 (3.50)	0.025 (0.83)	0.487 (3.15)	0.045 (1.71)	0.278 (0.79)	0.147 (1.20)	0.050 (1.35)	0.342 (1.49)	-0.046 (0.97)
	Baseline to Week 104	2.023 (5.61)	0.567 (1.45)	2.083 (10.56)	0.364 (1.78)	0.063 (0.62)	0.633 (3.37)	0.225 (1.53)	0.434 (2.45)	0.024 (1.64)
<b>MDA</b>		SEC 150 mg LD (N=85)	SEC 150 mg NL (N=74)	SEC 300 mg (N=73)	SEC 150 mg LD (N=20)	SEC 150 mg NL (N=19)	SEC 300 mg (N=20)	SEC 150 mg LD (N=88)	SEC 150 mg NL (N=84)	SEC 300 mg (N=106)
	Baseline to Week 52	0.423 (2.43)	0.301 (1.66)	0.176 (2.08)	0.05 (0.46)	0.219 (0.75)	-0.275 (1.07)	-0.076 (1.06)	0.25 (1.10)	-0.061 (0.95)
	Baseline to Week 104	0.87 (3.54)	0.42 (1.80)	0.97 (6.56)	0.20 (0.77)	0.228 (1.51)	-0.20 (1.04)	0.116 (1.19)	0.39 (2.62)	-0.03 (1.64)
<b>VLDA</b>		SEC 150 mg LD (N=137)	SEC 150 mg NL (N=126)	SEC 300 mg (N=136)	SEC 150 mg LD (N=18)	SEC 150 mg NL (N=16)	SEC 300 mg (N=18)	SEC 150 mg LD (N=34)	SEC 150 mg NL (N=35)	SEC 300 mg (N=45)
	Baseline to Week 52	0.294 (1.97)	0.302 (1.40)	0.109 (1.67)	-0.147 (1.21)	0.344 (1.19)	-0.028 (1.21)	-0.103 (1.50)	0.129 (1.11)	-0.2 (0.73)
	Baseline to Week 104	0.652 (2.94)	0.416 (1.66)	0.583 (4.95)	-0.219 (1.17)	0.781 (5.41)	-0.278 (1.52)	0.191 (1.67)	0.2 (1.01)	-0.278 (1.01)

Baseline was defined as the last observation on the day of or before the first dose of the study drug. At each time point, only patients with a value at both baseline and that time point were included. Sustained response was defined as achievement of the same response in at least 2 out of the next 6 visits (visits every 8 weeks). DAPSA, Disease Activity in Psoriatic Arthritis; LD, loading dose; LDA, low disease activity; MDA, minimal disease activity; N, number of patients with assessment at both weeks 24 and 104; NL, without loading dose; REM, remission; SD, standard deviation; SEC, secukinumab; vdH-mTSS, van der Heijde-modified total Sharp score; VLDA, very low disease activity

**Supplemental Table 2. List of Independent Ethics Committees (IEC) or Institutional Review Boards (IRB) by study centre**

Centre No.	Ethics Committee or Institutional Review Board	Department / Organization	Address
1002	Comité Independiente de Ética Para Ensayos En Farmacología Clínica	Fundación De Estudios Farmacología y de Medicamentos FEFyM	Buenos Aires, C1027AAP, Argentina
1004	Comité Independiente de Ética Para Ensayos En Farmacología Clínica	Fundación De Estudios Farmacología y de Medicamentos FEFyM	Buenos Aires, 1027AAP, Argentina
1008	Comite de Ética en Investigacion	Hospital General de Agudos J.M. Ramos Mejia	Buenos Aires, 1221, Argentina
1021	Ethikkommission der Medizinischen Universität Graz		Graz, A-8036, Austria
1022	Ethikkommission der Medizinischen Universität Graz		Graz, A-8036, Austria
1023	Ethikkommission der Medizinischen Universität Graz		Graz, A-8036, Austria
1024	Ethikkommission der Medizinischen Universität Graz		Graz, A-8036, Austria
1061	Health Research Ethics Authority		St. John's, NL, A1B 2X5, Canada
1062	IRB Services		Aurora, Ontario, L4G 0A5, Canada
1063	IRB Services		Aurora, Ontario, L4G 0A5, Canada
1064	University of British Columbia	Clinical Research Ethics Board	Vancouver, British Columbia, V5Z 1L8, Canada
1065	IRB Services		Aurora, Ontario, L4G 0A5, Canada
1066	IRB Services		Aurora, Ontario, L4G 0A5, Canada
1081	Comite de Evaluación Ético Científico, Servicio de Salud Metropolitano Sur Oriente		Santiago, Región Metropolitana, Chile
1087	Comite de Etica Cientifico Servicio de Salud Metropolitano Oriente		Santiago, Region Metropolitana, Chile
2001	Multicentric Ethics Committee IKEM and TN		Prague 4, 140 59, Czech Republic
2002	Multicentric Ethics Committee IKEM and TN		Prague 4, 140 59, Czech Republic
2003	Eticka komise Revmatologickeho ustavu		Praha 2, 128 50, Czech Republic
2004	Multicentric Ethics Committee IKEM and TN		Prague 4, 140 59, Czech Republic
2005	Multicentric Ethics Committee IKEM and TN		Prague 4, 140 59, Czech Republic
2007	Multicentric Ethics Committee IKEM and TN		Prague 4, 140 59, Czech Republic
2008	Multicentric Ethics Committee IKEM and TN		Prague 4, 140 59, Czech Republic
2021	Region Syddanmark	Regionshuset, Damhaven 12	Vejlø, 7100, Denmark
2043	Tallinn Medical Research Ethics Committee		Tallinn, 11619, Estonia
2053	HUS Tutkimuseettiset toimikunnat	Eettinen toimikunta IV	Helsinki, 00029 HUS, Finland

Centre No.	Ethics Committee or Institutional Review Board	Department / Organization	Address
2061	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2062	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2063	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2064	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2066	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2068	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2070	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2071	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2072	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2075	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2076	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
2078	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany

Centre No.	Ethics Committee or Institutional Review Board	Department / Organization	Address
	Soziales		
2079	Ethikkommission der Ärztekammer Westfalen- Lippe und der Medizinischen Fakultät der Landesamt für Gesundheit und Soziales	Geschäftsstelle der Ethik-Kommission des Landes Berlin	Berlin, 10707, Germany
3003	National Ethics Committee		Athens, Mesogion 284 Avenue, Cholargos, GR-15562, Greece
3004	National Ethics Committee		Athens, Mesogion 284v Avenue, Cholargos, GR-15562, Greece
3005	National Ethics Committee		Athens, Mesogion 284 Avenue, Cholargos, GR-15562, Greece
3006	National Ethics Committee		Athens, Mesogion 284 Avenue, Cholargos, GR-15562, Greece
3007	National Ethics Committee		Athens, Mesogion 284 Avenue, Cholargos, GR-15562, Greece
3021	Comité de Ética Independiente ZUGUEME		Guatemala, 01015, Guatemala
3022	Comité de Ética Independiente ZUGUEME		Guatemala, 01015, Guatemala
3031	Medical Research Council	Ethics Committee for Clinical Pharmacology (ECCP)	Budapest, 1054, Hungary
3032	Medical Research Council	Ethics Committee for Clinical Pharmacology (ECCP)	Budapest, 1054, Hungary
3033	Medical Research Council	Ethics Committee for Clinical Pharmacology (ECCP)	Budapest, 1054, Hungary
3034	Medical Research Council	Ethics Committee for Clinical Pharmacology (ECCP)	Budapest, 1054, Hungary
3035	Medical Research Council	Ethics Committee for Clinical Pharmacology (ECCP)	Budapest, 1054, Hungary
3036	Medical Research Council	Ethics Committee for Clinical Pharmacology (ECCP)	Budapest, 1054, Hungary
3051	KFRC Ethics Committee	KIMS foundation and Research Center	Secunderabad, Telangana, 500003, India
3052	Pentamed Ethics Committee	Ethics Committee	Pune, Maharashtra, 411007, India
3055	Institutional Scientific and Ethics Board Kokilaben Dhirubhai Ambani Hospital & Medical Research Institute	Ethics Committee	Mumbai, Maharashtra, 400053, India
3056	Ethics Committee Shalby Limited		Ahemdabad, Gujarat, 380058, India
3057	All India Institues Medical Sciences Institute Ethics Committee		New Delhi, New Delhi, 110029, India
3060	Yash Society Ethics Committee		Nasik, Maharashtra, 422201, India
3071	St Vincent's Healthcare	Ethics and Medical Research Committee	Elm Park, Dublin 4, Ireland
4001	The Chaim Sheba Helsinki		Ramat Gan, Israel, 5266202, Israel
4002	Barzilai MC Helsinki		Ashkelon, 78278, Israel
4003	Rabin MC Helsinki		Petah Tikva, 49100, Israel
4004	Sourasky MC Helsinki		Tel Aviv, 64239, Israel

Centre No.	Ethics Committee or Institutional Review Board	Department / Organization	Address
4005	Meir Sapir MC Helsinki Committee		Kfar Saba, Israel, 4428164, Israel
4006	Carmel MC Helsinki		Haifa, 34362, Israel
4011	COMITATO ETICO DELLA PROVINCIA DI BRESCIA c/o AO Spedali Civili		Brescia, Italy, 25123, Italy
4012	Comitato Etico Unico Regionale (CEUR) c/o Direzione Scientifica del Centro di riferimento Oncologico di Aviano		UDINE, Italy, 33081, Italy
4014	COMITATO ETICO UNICO REGIONALE PER LA BASILICATA C/O Segreteria Tecnico Scientifica del CEUR presso U.O.C. Medicina Legale Azienda Ospedaliera Regionale San Carlo		POTENZA, ITALY, 85100, Italy
4015	COMITATO ETICO PALERMO 1 c/o AOU POLICLINICO P. GIACCONE DI PALERMO		PALERMO, 90127, Italy
4016	COMITATO ETICO DI PAVIA c/o FONDAZIONE IRCCS POLICLINICO SAN MATTEO DI PAVIA		PAVIA, ITALY, 27100, Italy
4031	Ethics Committee for Clinical Research at Pauls Stradins Clinical University Hospital Development Society		Riga, LV-1002, Latvia
4033	Ethics Committee for Clinical Research at Pauls Stradins Clinical University Hospital Development Society		Riga, LV-1002, Latvia
4034	Ethics Committee for Clinical Research at Pauls Stradins Clinical University Hospital Development Society		Riga, LV-1002, Latvia
4036	Ethics Committee for Clinical Research at Pauls Stradins Clinical University Hospital Development Society		Riga, LV-1002, Latvia
4052	Lithuanian Bioethics Committee	Central EC for Lithuania	Vilnius, LT-03219, Lithuania
4053	Lithuanian Bioethics Committee	Central EC for Lithuania	Vilnius, LT-03219, Lithuania
4054	Lithuanian Bioethics Committee	Central EC for Lithuania	Vilnius, LT-03219, Lithuania
4055	Lithuanian Bioethics Committee	Central EC for Lithuania	Vilnius, LT-03219, Lithuania
4056	Lithuanian Bioethics Committee	Central EC for Lithuania	Vilnius, LT-03219, Lithuania
4058	Lithuanian Bioethics Committee	Central EC for Lithuania	Vilnius, LT-03219, Lithuania
4071	Mexico Centre for Clinical Research S.A. de C.V.	Comité de Ética en Investigación	Mexico, Distrito Federal, 03100, Mexico
4072	Mexico Centre for Clinical Research S.A. de C.V.	Comité de Ética en Investigación	Mexico, Distrito Federal, 03100, Mexico

Centre No.	Ethics Committee or Institutional Review Board	Department / Organization	Address
4073	Centro de Especialidades Medicas del Sureste S.A. de C.V.		Merida, Yucatan, 97000, Mexico
4075	Mexico Centre for Clinical Research S.A. de C.V.	Comité de Ética en Investigación	Mexico, Distrito Federal, 03100, Mexico
4077	Comité de Ética e Investigación de Clínica Bajío CLINBA, S.C		Guanajuato, Guanajuato, 36090, Mexico
6001	Maasstad Ziekenhuis	Raad van Bestuur	Rotterdam, 3079 DZ, Netherlands
6002	ÙMC Utrecht	Raad van Bestuur	Utrecht, 3584 CX, Netherlands
6003	Maastricht UMC+	Raad van Bestuur	Maastricht, 6229 EV, Netherlands
6011	Philippine General Hospital	University of the Philippines Manila Research Ethics Board	Manila, 1000, Philippines
6012	University of Santo Tomas	Institutional Review Board	Manila, 1008, Philippines
6013	St. Luke's Medical Center	Institutional Ethics Review Board	Quezon City, 1102, Philippines
6021	LEC City clinical hospital #5	LEC	Nizhny Novgorod, 603005, Russia
6022	LEC Kemerovo War Veterans Reg.Clinical Hospital		Kemerovo, 650099, Russia
6023	LEC Ural State Medical Academy of Roszdrav	LEC	Ekaterinburg, 620028, Russia
6024	LEC Soloviyev Clinical Hospital	LEC	Yaroslavl , 150003, Russia
6025	LEC Chelyabinsk Region Clinical Hospital		Chelyabinsk, 454076, Russia
6026	LEC of State Pavlov Medical University		Saint Petersburg, 197101, Russia
6027	LEC Dermatovenearologic Dispensary # 10		Saint Petersburg, 194021, Russia
6028	LEC Interacademic IRB		Moscow, 119002, Russia
6031	LEC Kazan State Medical University		Kazan, 420012, Russia
6032	LEC Chelyabinsk Region Clinical Hospital		Chelyabinsk, 454076, Russia
6033	LEC City hospital no.13		Nizhny Novgorod, 603018, Russia
6034	LEC Rostov-on-Don State Med.University		Rostov-on-Don, 344022, Russia
6035	LEC Smolensk State Medical University		Smolensk, 214019, Russia
6036	LEC Orenburg State Medical University		Orenburg, 460000, Russia
6037	LEC Central City Hospital #7	LEC	Ekaterinburg, 620137, Russia
6061	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, Spain, 08208, Spain
6063	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, Spain, 08208, Spain
6064	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, Spain, 08208, Spain
6065	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, Spain, 08208, Spain

Centre No.	Ethics Committee or Institutional Review Board	Department / Organization	Address
6066	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, 08208, Spain
6067	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, 08208, Spain
6068	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, 08208, Spain
6069	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, 08208, Spain
6071	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, 08208, Spain
6072	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, 08208, Spain
6073	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, 08208, Spain
6074	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, 08208, Spain
6075	Fundació Parc Taulí	secretaria CEim	Sabadel, Barcelona, 08208, Spain
7004	Regionala etikprövningsnämnden i Stockholm	FE289	Stockholm, 171 77, Sweden
7011	The Institutional Review Board Royal Thai Army Medical Department		Bangkok, 10400, Thailand
7012	Ethical Clearance Committee on Human Rights related to Researches Involving Human Subjects		Bangkok, 10400, Thailand
7013	Human Research Protection Unit	Faculty of Medicine Siriraj Hospital, Mahidol University	Bangkok, 10700, Thailand
7014	Office of Human Research Ethics Committee (HREC)		Songkla, 90110, Thailand
7015	Research Ethics Committee	Faculty of Medicine Chiang Mai University	Chiang Mai, 50200, Thailand
7016	The Khon Kaen University Ethics Committee for Human Research		Khon Kaen, 40002, Thailand
7031	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7032	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7033	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7034	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7035	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7036	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7037	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7038	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7039	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7040	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom



Centre No.	Ethics Committee or Institutional Review Board	Department / Organization	Address
7041	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7042	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7043	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7044	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7045	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7046	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7047	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7048	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7049	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7050	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7051	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
7052	NRES Committee North West - Liverpool Central	Manchester HRA centre - 3rd Floor, Barlow House	Manchester, UK, M1 3DZ, United Kingdom
5001	ADVARRA, Inc.		Columbia, Maryland, 21046, United States
5002	ADVARRA, Inc.		Columbia, Maryland, 21046, United States
5003	Chesapeake IRB		Columbia, MD, 21046, United States
5004	Chesapeake IRB		Columbia, MD, 21046, United States
5005	ADVARRA, Inc.		Columbia, Maryland, 21046, United States
5006	Chesapeake	Research Review	Columbia, MD, 21046, United States
5007	Chesapeake IRB		Columbia, MD, 21046, United States
5008	Chesapeake IRB		Columbia, MD, 21046, United States
5009	Chesapeake IRB		Columbia, MD, 21046, United States
5010	Oregon Health & Science University	Research Integrity Office	Portland, OR, 97239, United States
5012	Chesapeake IRB		Columbia, MD, 21046, United States
5013	Chesapeake	Research Review	Columbia, MD, 21046, United States
5014	Chesapeake IRB		Columbia, MD, 21046, United States
5015	Chesapeake IRB		Columbia, MD, 21046, United States
5016	ADVARRA, Inc.		Columbia, Maryland, 21046, United States
5018	ADVARRA, Inc.		Columbia, Maryland, 21046, United States
5019	Chesapeake IRB		Columbia, MD, 21046,

Centre No.	Ethics Committee or Institutional Review Board	Department / Organization	Address
			United States
5021	WIRB		Olympia, WA, 98502-5010, United States
5023	ADVARRA, Inc.		Columbia, Maryland, 21046, United States
5024	ADVARRA, Inc.		Columbia, Maryland, 21046, United States
5025	Quorum Review, Inc.		Seattle, WA, 98101, United States
5026	WIRB		Olympia, WA, 98502-5010, United States
8008	Local Ethics Committee of National Hospital of Dermatology And Venereology		Ha Noi, 100000, Vietnam
8009	Biomedical Research Ethics Committee - HCM Hospital of Dermato-Venereology		Ho Chi Minh city, 700000, Vietnam
8010	Biomedical Research Ethics Committee - HCM Hospital of Dermato-Venereology		Ho Chi Minh city, 700000, Vietnam