

**Supplementary table 3.** List of participating institutions

Country	City	Institution
Argentina	Posadas	Hospital Escuela de Agudos Doctor Ramón Madariaga
Australia	Perth	Fiona Stanley Hospital/Royal Perth Hospital
Austria	Graz	Medical University of Graz
	Innsbruck	Medical University of Innsbruck
Azerbaijan	Baku	Azerbaijan Scientific Research Hematology and Transfusiology Institute
Belarus	Minsk	Minsk Scientific and Practical Center for Surgery, Transplantology and Hematology
Belgium	Brasschaat	Algemeen Ziekenhuis Klina
	Brugge	Algemeen Ziekenhuis Sint Jan
	Leuven	Katholieke Universiteit Leuven
Brazil	Curitiba	Hematology, Universidade Federal do Paraná
		Hospital Nossa Senhora das Graças
	Niteroi	Hematology Service, Hospital Universitário Antonio Pedro
	Rio de Janeiro	CEMO - Instituto Nacional do Cancer
		Federal University of Rio de Janeiro
		Hematology Service, Hospital Naval Marcílio Dias
		Hematology Service, Instituto Nacional do Cancer
		Hospital Américas
Santo André	Hospital Federal da Lagoa	
Santo André	Centro Universitário Faculdade de Medicina do ABC (FMABC)	
Canada	Montreal	McGill University Health Centre
Croatia	Rijeka	University Hospital Center Rijeka
	Zagreb	University Hospital Center Zagreb
		University Hospital Dubrava
Czech Republic	Brno	University Hospital Brno
	Hradec Králové	University Hospital Hradec Králové
	Olomouc	University Hospital Olomouc
	Ostrava	University Hospital Ostrava
	Pilsen	University Hospital Pilsen
	Prague	Institute of Hematology and Blood Transfusion
		University Hospital of Královské Vinohrady
Denmark	Aarhus	Aarhus University Hospital
	Copenhagen	Rigshospitalet
	Roskilde	Zealand University Hospital
Egypt	Cairo	National Cancer Institute - Cairo University
	Mansoura	Oncology Center, Mansoura University
France	Annecy	Centre Hospitalier Annecy
	Besançon	Centre Hospitalier Universitaire de Besançon
	Corbeil-Essonnes	Centre Hospitalier Sud Francilien
	Dijon	Centre Hospitalier Dijon
	Le Kremlin-Bicêtre	Hôpital Kremlin-Bicêtre, Assistance Publique – Hôpitaux de Paris
	Montpellier	Centre Hospitalier Universitaire Montpellier
	Mulhouse	Centre Hospitalier Mulhouse
	Nancy	Centre d'Oncologie de Gentilly
		Centre Hospitalier Universitaire de Nancy
	Paris	Hôpital Cochin, Assistance Publique – Hôpitaux de Paris
Hôpital Pitié-Salpêtrière, Assistance Publique – Hôpitaux de Paris		

Country	City	Institution
		Hôpital Saint Antoine, Assistance Publique – Hôpitaux de Paris
		Hôpital Saint Louis, Assistance Publique – Hôpitaux de Paris
		Necker-Enfants Malades Hospital, Assistance Publique – Hôpitaux de Paris
	Saint-Cloud	Institut Curie
	Strasbourg	ICANS - Institut de Cancérologie Strasbourg Europe
	Versailles	Centre Hospitalier de Versailles
	Villejuif	Institut Gustave Roussy
Germany	Cologne	University Hospital Cologne
	Cottbus	Carl-Thiem-Klinikum Cottbus
	Dresden	University Hospital Dresden
	Hamburg	Universitätsklinikum Hamburg Eppendorf
	Magdeburg	University Hospital Magdeburg
	Munich	München Klinik Harlaching
München Klinik Neuperlach		
Greece	Athens	Attikon University General Hospital
Hong Kong SAR	Hong Kong	Pamela Youde Nethersole Eastern Hospital
Hungary	Szeged	South Division Faculty of Medicine University of Szeged
Italy	Alessandria	Azienda Ospedaliera Nazionale Santi Antonio e Biagio e Cesare Arrigo
	Barletta	Ospedale Dimiccoli Barletta
	Brescia	Azienda Socio Sanitaria Territoriale degli Spedali Civili di Brescia Piazzale Spedali Civili
	Genoa	Istituto Nazionale per la Ricerca sul Cancro Ospedale Policlinico San Martino
	Lecce	Ospedale Vito Fazzi
	Livorno	Azienda Toscana Nord Ovest
	Lucca	Azienda Toscana Nord Ovest
	Milan	Azienda Socio Sanitaria Territoriale Grande Ospedale Metropolitano Niguarda
		Fondazione Istituto Nazionale per la Ricerca sul Cancro Ca' Granda Ospedale Maggiore Policlinico
		Fondazione Istituto Nazionale per la Ricerca sul Cancro Istituto Nazionale dei Tumori
		Istituto Nazionale per la Ricerca sul Cancro Ospedale San Raffaele
	Monza	Azienda Ospedaliera San Gerardo - Monza
	Naples	Azienda Ospedaliera di Rilievo Nazionale "Antonio Cardarelli"
	Orbassano	San Luigi Gonzaga Hospital - Orbassano
	Palermo	Azienda Ospedaliera "Ospedali Riuniti Villa Sofia-Cervello"
		Azienda Ospedaliera Universitaria Policlinico Paolo Giaccone
	Parma	Azienda Ospedaliera Universitaria Parma
	Pisa	Azienda Ospedaliera Universitaria Policlinico Pisana - Cisanello
	Rome	Fondazione Policlinico Universitario Agostino Gemelli
		Istituto Nazionale per la Ricerca sul Cancro Regina Elena National Cancer Institute
		Policlinico Tor Vergata of Rome
	Turin	Azienda Ospedaliera Universitaria Città della Salute e Scienza di Torino
	Udine	Azienda Sanitaria Universitaria del Friuli Centrale
Varese	University Insubria	
Verona	Policlinico Borgo Roma Verona	

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	Viareggio	Azienda Toscana Nord Ovest
	Vicenza	Ospedale San Bortolo
Netherlands	Amsterdam	Amsterdam University Medical Center, location Vrije Universiteit Medical Center
	Goes	Admiraal de Ruijter Hospital
	Groningen	University Medical Center Groningen
Oman	Muscat	Sultan Qaboos University Hospital
Pakistan	Karachi	Aga Khan University
Poland	Wrocław	Wrocław Medical Univeristy
Portugal	Lisbon	Portuguese Institute of Oncology
	Porto	Centro Hospitalar e Universitário São João
Qatar	Doha	Hamad Medical Corporation, National Center for Cancer Care and Research
Russia	Saint-Petersburg	North-Western State Medical University named after Ilya Ilyich Mechnikov
		Pavlov University
Serbia	Belgrade	Clinical Center of Serbia
		University Hospital Center Dr Dragisa Misovic
	Kraljevo	General Hospital Kraljevo
Slovakia	Bratislava	Comenius University and National Cancer Institute
Spain	Barcelona	Hospital Clinic de Barcelona
		Vall d'Hebron University Hospital
	Iruña-Pamplona	Complejo Hospitalario de Navarra - Nafarroako Ospitalegunea
	Madrid	Fundacion Jimenez-Díaz
		Hospital General Universitario Gregorio Marañón
		Hospital Universitario 12 de Octubre
		La Paz University Hospital
	Majadahonda	Hospital Universitario Puerta de Hierro
	Móstoles	Hospital Rey Juan Carlos
	Salamanca	Hospital Universitario de Salamanca
Santander	Hospital Universitario Marqués de Valdecilla	
Seville	Hospital Univesitario Virgen del Rocío	
Sweden	Stockholm	Karolinska University Hospital
Switzerland	Basel	Universitätsspital Basel
Turkey	Ankara	Ankara Oncology Training and Research Hospital
		Ankara University
	Istanbul	Marmara University Pendik Research and Application Hospital
United Kingdom	London	King's College Hospital NHS Foundation Trust
	Oxford	Oxford University Hospitals