**Increased von Willebrand factor processing in COPD, reflecting lung epithelium damage, is associated with emphysema, exacerbations and elevated mortality risk**

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**Supplementary**

**Table 1. Ethics and review boards**

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| **Inv/Site No.** | **Institution & Address** | **IEC/IRB Committee**  |
| 027904/023622 | Asthma CentreIvan Vazov Street Nr 31PO Box 1018Pleven, 5800 Bulgaria | Ethics Committee for Multicentre Trials8, Damyan Gruev str.,Sofia 1303Bulgaria |
| 076209/023623 | Military Medical AcademyGeorgi Sofiiski 3 strSofia 1606 Bulgaria | Ethics Committee for Multicentre Trials8, Damyan Gruev str.,Sofia 1303Bulgaria |
| 006269/023794 | Montreal Chest Institute3650 St-Urbain, Room K307Montreal, QC H2X 2P4 Canada | McGill University Health CenterResearch Ethics Board3650 St UrbainMontreal, QC H2X 2P4 |
| 006610/023668 | The Lung Center2775 Laurel St., 7th FloorVancouver, BC V5Z 1M9 Canada | The University of British ColumbiaOffice of Research Services Clinical Research Ethics BoardRoom210, 828 West 10th AveVancouver, BC V5Z 1L8 Canada |
| 004970/023483 | Queen Elizabeth II Health Sciences CentreHalifax Infirmary1796 Summer St., Room 5452Halifax, NS B3H 3A7 Canada | **Capital Health Research Ethics Board**Centre for Clinical Research Building 118-5790 University Avenue Halifax, NS B3H 1V7 Canada |
| 029347/023796 | McMaster University, Health Sciences Center1200 Main St. West, Room 3U25Hamilton, ON L8N 3Z5 Canada | Hamilton Health Sciences/Faculty of Health Sciences Research Ethics Board293 Wellington St N,Suite 102Hamilton, Ontario L8L 8E7Canada |
| 035031/023795 | Pacific Lung Health Center1081 Burrard Street8B Providence WingVancouver, BC V6Z 1Y6 Canada | **Office of Research Services (ORS)** Providence Health Care Research InstituteRoom 1125, 11th Floor1190 Hornby Street c/o 1081 Burrard Street Vancouver, BC V6Z 1Y6 |
| 006193/023547 | Hopital Laval, Recherche ClinicCentre de Pneumologie2725 Chemin Sainte FoyPavillion U, Locale U 1751Sainte Foy, QC G1V 4G5 Canada | Comité d’éthique de la rechercheInstitut Universitaire de Cardiologie et de Pneumologie de Québec (IUCPQ)2725, chemin Ste-FoyQuebec, QcCanadaG1V 4G5 |
| 004395/02409 4 | Kingston General HospitalRichardson House102 Stuart StreetKingtson, ON K7L 2V6 Canada | Queens UniversityOffice of Research ServicesFleming Hall, Jemmett Wing, Room 301Queens UniversityKingston, ON, Canada |
| 000309/024204 | SPLiN s.r.o.Oddeleni TRNCimicka 37/446Praha 8 18200 Czech Republic | Multicentric Ethics Committee Fakultni nemocnice v MotoleV Uvalu 84 Prague 5 ZIP: 150 06Czech Republic |
| 000683/023960 | H:S Hvidovre HospitalHjerte-Lungemedicinsk afdelingKettegaard Alle 30Opgang 1Hvidovre 2650 Denmark | Den videnskabsetiske komité for region hovedstadenRegionsgaardenKongensvænge 23400 Hillerød |
| 001687/024403 | Astmacentrum HornerheideHornerheide 1Horn 6085 NM Netherlands | METC Zuidwest-HollandM.H.H.A. Kirkels-BreukersP.O Box 50112600 GA DelftThe Netherlands |

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| 082272/023579 | Haukeland Universitets sykehusChest departmentJonas Liesvei 65Bergen N 5021 Norway | Regional Ethic Committee WestHaukeland University Hospital, N-5021 Bergen, Norway |
| 014566/024144 | P3 Research Bown HospitalChurchill Drive Crofton DownsWellington 6035 New Zealand | c/- Ministry of Health1-3 The TerraceLevel 1Wellington6011 |
| 136098/024146 | KOPA GolnikGolnik 364204 Golnik Slovenia | The National Medical Ethics Committee of the Republic of SloveniaUniversity Institute of Clinical Neurophysiology,Medical Center Ljubljana, Zaloška c. 7,SI-1525 Ljubljana |
| 108244/026658 | Hospital Son DuretaC/ Andrea Doria 55Palma de Mallorca 07014 Spain | Comité ètic d´investigació clínica Illes BalearsConselleria de Salut i ConsumDirecció General d'Avaluació i AcreditacióComitè Ètic d'Investigació Clínica de les Illes Balears (CEIC-IB)Camí de Jesús, 38 A07011 Palma - Illes Balears |
| 000473/023973 | Aintree University Hospitals NHS Foundation TrustRespiratory Research DepartmentLongmoor Lane, Ward 14aLiverpool L9 7AL United Kingdom | Oxfordshire REC C2nd Floor, Astral HouseChaucer Business ParkGranville Way Bicester OX26 4JT |
| 082424/023706 | Cambridge Institute for Medical ResearchDepartment of MedicineHills Road, Wellcome Trust / MRC BuildingCambridge CB2 2XY United Kingdom | Oxfordshire REC C2nd Floor, Astral HouseChaucer Business ParkGranville Way Bicester OX26 4JT |
| 029855/023707 | New Royal Infirmary of EdinburghLittle France Crescent, Old Dalkeith Road51 Little France CrescentEdinburgh Midlothian EH16 4SAUnited Kingdom | Oxfordshire REC C2nd Floor, Astral HouseChaucer Business ParkGranville Way Bicester OX26 4JT |
| 023731/023974 | Wythenshawe HospitalMedicine Evaluation UnitSouthmoor RoadThe Langley Building, North West Lung Research CentreManchester M23 9LT United Kingdom | Oxfordshire REC C2nd Floor, Astral HouseChaucer Business ParkGranville Way Bicester OX26 4JT |
| 029742/024037 | The Royal Free HospitalAcademic Unit of Respiratory MedicinePond StreetLondon NW3 2QG United Kingdom | Oxfordshire REC C2nd Floor, Astral HouseChaucer Business ParkGranville Way Bicester OX26 4JT |
| 001069/024393 | Institute of Phthisiatry and PulmonologyDepartment of Pulmonology10, Amosova StrKiev 03680 Ukraine |  |
| 001047/024392 | Institute of Phthisiatry and PulmonologyDepartment of Pulmonology10, Amosova StrKiev 03680 Ukraine |  |
| 001071/024362 | Institute of Phthisiatry and PulmonologyDepartment of Pulmonology10, Amosova StrKiev 03680 Ukraine |  |
| 001063/024364 | Donetsk State Medical UniversityDepartment of Therapy16 Illicha prospectDonetsk 83003 Ukraine |  |
| 044783/023140 | University of Texas Health Science CenterPulmonary Diseases7400 Merton Minter Blvd., (111E)San Antonio, TX 78229 United States | University of Texas Health Science Center7703 Floyd Curl Drive, Mail Code 7830San Antonio, TX 78229-3900 |
| 077534/023146 | Rhode Island HospitalDivision of Pulmonary, Sleep & Critical Care Medicine593 Eddy Street, APC 7th FloorProvidence, RI 02903 United States | Lifespan Office of Research Administration167 Point StreetProvidence, RI 02903 |
| 013075/023147 | Los Angeles Biomedical Research Institute at Harbor-UCLA Medical CenterRehab Clinical Trials Center1124 W. Carson St., Bldg. J4Torrance, CA 90502 United States | John F. Wolf, MD Human Subjects CommitteeLos Angeles Biomedical Research Institute at Harbor-UCLA Medical Center1124 West Carson StreetTorrance, CA 90502 |
| 008578/023354. | St. Elizabeth’s Medical CenterPulmonary STN-3736 Cambridge StreetBoston, MA 02135 Unites States | Research/Human Subjects CommitteeCaritas St. Elizabeth's Medical CenterCambridge St., HOQ3Boston, MA 02135 |
| 021992/023148 | Pulmonary Associates of Richmond, Inc.1000 Boulders Parkway, Suite 201Richmond, VA 23225 United States | Goodwyn Institution Review Board9380 Main StreetCincinnati, OH 45242 |
| 010875/023149 | Pulmonary Associates, PA1112 East McDowell RoadPhoenix, AZ 85006 United States | Goodwyn Institution Review Board9380 Main StreetCincinnati, OH 45242 |
| 011553/023150 | Advances in Medicine42362 Bob Hope DriveRancho Mirage, CA 92270 Unites States | Western International Review Board3535 Seventh Ave SWOlympia, WA 98508 |
| 010094/023355 | Baylor Clinic-Baylor College of Medicine6620 Main StreetSuite 11B, 16Houston, TX 77030 United States | Baylor College of Medicine IRBClinical Research StudiesOne Baylor Plaza, Mail stop 600DHouston, TX 77030 |
| 015497/023356 | Dartmouth-Hitchcock Medical CenterPulmonary & Critical Care CenterOne Medical Center DriveLebanon, NH 03756 Unites States | Dartmouth-Hitchcock Medical CenterCommittee for the Protection of Human Subjects11 Rope Ferry Road #6210Hanover, NH 03755 |
| 008005/023357 | National Jewish Medical & Research CenterWeinberg Clinical Research Unit1400 Jackson StreetDenver, CO 80206 United States | National Jewish Medical & Research Center IRB1400 Jackson StreetDenver, CO 80206 |
| 009021/023358 | University of Nebraska Medical CenterPulmonary Clinical Studies Unit982465 Nebraska Medical CenterDRC II1022Omaha, NE 68198 United States | University of Nebraska Medical Center IRBAcademic & Research Services Bldg. 3000987830 Nebraska Medical CenterOmaha, NE 68198 |
| 083482/023571 | Yale University School of MedicineInternal Medicine/Pulmonary1 Gilbert Street, TAC S 441New Haven, CT 06520 United States | Yale University School of MedicineHuman Investigation Committee47 College Street, Suite 204New Haven, CT 06520 |
| 015449/023359 | Mayo ClinicPulmonary Clinical Research CenterLanmark 2-4614 – 2nd Street SWRochester, MN 55905 United States | Mayo Foundation IRB201 Building, Room 4-60200 First Street SWRochester, MN 55905 |
| 080801/023389 | Creighton University Medical CenterPulmonary & Critical Care Division601 N. 30th Street, Suite 3820Omaha, NE 68131 United States | Creighton University Medical Center IRB2500 California PlazaOmaha, NE 68178 |
| 010532/023489 | University of Pittsburgh Medical CenterEmphysema Research Center3471 5th Ave., Suite 1211Pittsburgh, PA 15213 United States | University of Pittsburgh IRB3500 Fifth Ave, Ground LevelPittsburgh, PA 15213 |

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| 021093/023390 | Houston VA Medical Center2002 Holcombe Blvd.Pulmonary 111-1, Room 3C-220Houston, TX 77030 United States | Baylor College of Medicine IRBClinical Research StudiesOne Baylor Plaza, Mail stop 600DHouston, TX 77030 |
| 008864/023392 | Midwest Chest Consultants, PC330 First Capital Drive, Suite 470St. Charles, MO 63301 United States | Goodwyn Institution Review Board9380 Main StreetCincinnati, OH 45242 |
| 077533/023391 | Harvard University–Brigham & Women’s HospitalChanning Laboratory181 Longwood Ave.Boston, MA 02115 United States | Brigham & Women’s Hospital IRBPartners Human Research Office116 Huntington Ave, Suite 1002Boston, MA 02116 |
| 016586/023393 | University of Miami School of Medicine1600 NW 10th Ave, #7064-A (R-47)Miami, FL 33136 | Western International Review Board3535 Seventh Ave SWOlympia, WA 98508 |
| 057745/023394 | Johns Hopkins Asthma & Allergy Center5501 Hopkins Bayview Circle, Room 3B-58Baltimore, MD 21224 United States | John Hopkins School of MedicineOffice of Human Subject Research1620 McElderry St., Reed HallSuite B 130Baltimore, MD 21205 |
| 012252/023395 | St. Francis Hospital & Medical CenterPulmonary Medicine114 Woodland StreetHartford, CT 06105 United States | St. Francis Hospital & Medical Center IRBDepartment of Research114 Woodland St.Hartford, CT 06105 |