ALLEGATO A

UNIVERSITÀ DEGLI STUDI DI MILANO
Procedura di selezione per la chiamata a professore di II fascia da ricoprire ai sensi dell'art. 18, comma 1, della Legge n. 240/2010 per il settore concorsuale **06/A1 - Genetica Medica**
(settore scientifico-disciplinare **MED/03 - Genetica Medica**)
presso il Dipartimento di SCIENZE BIOMEDICHE E CLINICHE, **Codice concorso 5370**

CEREDA CRISTINA GIOVANNA

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Cognome	CEREDA
Nome	CRISTINA GIOVANNA
Data di Nascita	18/08/1967

TITOLI DI STUDIO

- 23/05/2022 - Corso di formazione manageriale per Dirigenti di Struttura Complessa (codice edizione UNIMI DSC 2101/BE)
- 25/02/1997 - Diploma di scuola di specializzazione; Specialità in Genetica Applicata indirizzo Citogenetica e Genetica Molecolare presso l'Università degli Studi di Pavia
- dal 30/11/1995 ad oggi- Iscrizione all'albo dell'ordine dei biologi (n. AA_044550)
- 11/04/1994 - Esame di stato per l'abilitazione all'esercizio della professione di Biologo presso l'Università degli Studi di Pavia
- 30/11/1992 - Laurea in Scienze Biologiche presso l'Università degli Studi di Pavia

TIPOLOGIA DELLE ISTITUZIONI

Ha svolto la sua attività professionale, a parte un periodo presso aziende private (dal Giugno 1998 ad Ottobre 2001), presso:

- da 01/01/1993 a 30/11/1994: Università degli Studi di Pavia – Dipartimento di Genetica e Microbiologia - Laboratorio di Immunologia - PAVIA
- da 01/12/1994 a 31/05/1998: Azienda Ospedaliera Istituto Ortopedico Gaetano Pini – Clinica Ortopedica dell'Università di Milano - MILANO
- da 01/11/2001 a 31/05/2021: Fondazione Istituto Neurologico Nazionale "Casimiro Mondino" (IRCCS) – PAVIA
- da 01/06/2021 ad oggi: ASST Fatebenefratelli - Sacco; Presidio Ospedale dei Bambini "V. Buzzi" – MILANO

ATTIVITÀ DIDATTICA

1) DOCENZA ISTITUZIONALE

- da AA 2017/2018 ad oggi: Professore a contratto del Corso di Immunologia (6 CFU) – Laurea Triennale di Scienze Biologiche – Università degli Studi di Pavia
- da AA 2011/2012 a AA 2018/2019: Professore Aggiunto del Corso "Metodologia ed indicazioni delle indagini genetiche per le malattie neurologiche" - Scuola di Specializzazione in Neurologia - Facoltà di Medicina - Università degli studi di Pavia

2) SEMINARI

- da AA 2003/2004 a AA 2018/2019: Seminari didattici nell'ambito dell'insegnamento di Neuropatologia e Neurogenetica (Titolare: Prof. Mauro Ceroni, Associato di Neurologia) - Laurea Magistrale in Neurobiologia - Università degli Studi di Pavia

- da AA 2006/2007 a AA 2015/2016: Seminari didattici nell'ambito dell'insegnamento Neuroscienze (Titolare: Prof. Mauro Ceroni, Associato di Neurologia) - Laurea Magistrale in Biotecnologie Mediche e Farmaceutiche - Facoltà di Scienze - Università degli Studi di Pavia
- da AA 2011/2012 a AA 2018/2019: Seminari didattici nell'ambito dell'insegnamento Neuroimmunologia e neurogenetica - Scuola di Specializzazione in Neurologia - Facoltà di Medicina - Università degli studi di Pavia

3) ATTIVITÀ DI DIDATTICA INTEGRATIVA E DI SERVIZIO AGLI STUDENTI

- 2023: 21° corso di formazione avanzata - Progressi in Biologia e Medicina: Single Cell Genomics: dalla singola cellula alle prospettive cliniche – Lettura conclusiva: Cereda C. Studi omici nelle neuroscienze: dalla trascrittomica tissutale al single cell - Centro per la Ricerca e la Didattica Universitaria – Università di Pavia – Pavia (3 - 5 maggio 2023)
- 2021 – Organizzatore e Partecipante al Scientific Committee: BIOPRINTING WINTER SCHOOL – Dipartimento di Ingegnaria Civile ed Architettura – Università degli Studi di Pavia
- Valutatore esterno per tesi di Dottorato di
    - Università La Sapienza (ROMA):
        - 2023: PhD Programme in Life Sciences (XXXV Ciclo). Prof. Rosa A.
    - Università degli Studi di Milano:
        - 2021: Dottorato in Pharmacological, Experimental and Clinical Sciences – (XXXIII Ciclo). Prof. Corsini A., Prof. Ordinario di Farmacologia, Dipartimento di Scienze Farmacologiche e Biomolecolari
        - 2019: Dottorato in Ricerca Biomedica Integrata (XXXII Ciclo). Prof. Poletti A., Prof. Ordinario di Biologia Applicata, Dipartimento di Scienze Farmacologiche e Biomolecolari
        - 2018: Dottorato in Medicina Molecolare e Traslazionale (XXXI Ciclo). Prof. Ratti A, Prof. Associato in Genetica Medica, Dipartimento di Biotecnologie Mediche e Medicina Traslazionale
        - 2017: Dottorato in Medicina Molecolare e Traslazionale (XXX Ciclo). Prof. Corti S., Prof. Ordinario di Neurologia, Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti
    - Università degli Studi di Brescia:
        - 2018 - Dottorato Scienze Biomediche e Medicina Traslazionale (XXXI Ciclo). Dr. Ghidoni R., Direttore Scientifico, IRCCS San Giovanni di Dio Fatebenefratelli Brescia
        - 2017 - Dottorato in Genetica Molecolare, Biotecnologie e Medicina Sperimentale (XXX Ciclo). Prof. Giliani S., Prof. Associato Scienze Tecniche di Medicina di Laboratorio, Dipartimento di Medicina Molecolare e Traslazionale

4) ATTIVITÀ DI TUTORATO DEGLI STUDENTI DI CORSI DI LAUREA E DI LAUREA MAGISTRALE E DI TUTORATO DI DOTTORANDI DI RICERCA

- TESI DI LAUREA:
    - 2006 - 2023 Tutor/ supervisor di 85 tesi in lauree triennali e specialistiche afferenti alle facoltà di Medicina e di Scienze dell'Università di Pavia. In particolare:
        - Tesi in Medicina e Chirurgia - Facoltà di Medicina -Università degli Studi di Pavia (N° 8)
        - Harvey Medicine and Surgery - Facoltà di Medicina - Università degli Studi di Pavia (N° 1)
        - Laurea Triennale in Scienze Biologiche - Facoltà di Scienze - Università degli Studi di Pavia (N° 11)
        - Laurea Triennale in Biotecnologie - Facoltà di Scienze - Università degli Studi di Pavia (N° 1)
        - Laurea Specialistica in Neurobiologia - Facoltà di Scienze - Università degli Studi di Pavia (N° 29)

        - Laurea Specialistica in Molecular Biology and Genetics - Facoltà di Scienze - Università degli Studi di Pavia (N° 16)
        - Laurea Specialistica in Biologia Sperimentale e Applicata - Facoltà di Scienze - Università degli Studi di Pavia (N° 7)
        - Laurea Specialistica in Biotecnologie Mediche e Farmaceutiche - Facoltà di Scienze - Università degli Studi di Pavia (N° 12)
- DOTTORATI DI RICERCA:
    - 2010 - 2019: è stata Tutor/Supervisor di 18 Tesi di Dottorati di Ricerca in:
        - Biomedical Sciences - Department of Brain and Behavioral Sciences - Facoltà di Medicina - Università degli Studi di Pavia. (N° 8)
        - Pharmacological Sciences - Department of Pharmacology - Facoltà di Medicina - Università degli Studi di Pavia. (N° 6)
        - Translational Medicine - Department of Molecular Medicine - Facoltà di Medicina - Università degli Studi di Pavia. (N° 1)
        - Pathology and Medical Genetics - Department of Molecular Medicine - Facoltà di Medicina - Università degli Studi di Pavia. (N° 1)
        - Genetica, Biologia Molecolare e Cellulare - Dipartimento di Biologia e Biotecnologie "L. Spallanzani" - Facoltà di Scienze - Università degli Studi di Pavia. (N° 2)
- 2021 – ad oggi: Tutor di 1 Dottorando - Genetics, Molecular and Cellular Biology (XXXVII Ciclo) – Facoltà di Scienze - Università degli Studi di Pavia.
- 2020 - ad oggi: Tutor di 1 Dottorando - Genetics, Molecular and Cellular Biology (XXXVI) – Università degli Studi di Pavia.
- 2021 - ad oggi: Tutor di 2 Dottorandi - Scienze della Nutrizione (XXXVII Ciclo) - Dipartimento di Scienze Biomediche e Cliniche - Facoltà di Medicina - Università degli Studi di Milano
- 2021 - ad oggi: Tutor di 2 RTDA - Dipartimento di Scienze Biomediche e Cliniche - Facoltà di Medicina - Università degli Studi di Milano
- Premi ricevuti per tesi di cui è stata Tutor/ supervisor:
    - Premio del Rotary Club Sesto Milium Centenario: sono state premiate 2 tesi di Dottorato di Ricerca e 1 tesi di Laurea Specialistica
    - Premio PriSLA in memoria di Giovanni Longoni: è stata premiata 1 tesi di Dottorato di Ricerca

5) ABILITAZIONI SCIENTIFICHE NAZIONALI

- Prima Fascia:
    - **06/A1 - Genetica Medica**
        - validità dal 19/10/2018 al 19/10/2029
        - https://asn16.cineca.it/pubblico/miur/esito-abilitato/06%252FA1/1/5
    - 06/N1 - Scienze delle Professioni Sanitarie e delle Tecnologie Mediche Applicate (Med/46)
        - validità dal 31/03/2017 al 31/03/2028
        - https://asn16.cineca.it/pubblico/miur/esito-abilitato/06%252FN1/1/1
    - 05/F1 - Biologia Applicata
        - dal 18/09/2018 al 18/09/2029
        - https://asn16.cineca.it/pubblico/miur/esito-abilitato/05%252FF1/1/5
    - 05/E3 - Biochimica Clinica e Biologia Molecolare Clinica
        - validità dal 05/10/2018 al 05/10/2029
        - https://asn16.cineca.it/pubblico/miur/esito-abilitato/05%252FE3/1/5
- Seconda Fascia:
    - **06/A1 - Genetica Medica**
        - validità dal 19/10/2018 al 19/10/2029
        - https://asn16.cineca.it/pubblico/miur/esito-abilitato/06%252FA1/2/5
    - 06/A2 - Patologia Generale e Patologia Clinica
        - validità dal 31/10/2018 al 31/10/2029
        - https://asn16.cineca.it/pubblico/miur/esito-abilitato/06%252FA2/2/5
    - 06/N1 - Scienze delle Professioni Sanitarie e delle Tecnologie Mediche Applicate (Med/46)

        - validità dal 09/06/2014 al 09/06/2025
        - https://abilitazione.cineca.it/ministero.php/public/esitoAbilitati/settore/06%252FN1/fascia/2
    - 05/E2 - Biologia Molecolare
        - validità dal 12/02/2014 al 12/02/2025
        - https://abilitazione.cineca.it/ministero.php/public/esitoAbilitati/settore/05%252FE2/fascia/2
    - 05/F1 - Biologia Applicata
        - validità dal 22/01/2014 al 22/01/2025
        - https://abilitazione.cineca.it/ministero.php/public/esitoAbilitati/settore/05%252FF1/fascia/2
    - 05/E3 - Biochimica Clinica e Biologia Molecolare Clinica
        - validità dal 05/10/2018 al 05/10/2029
        - https://asn16.cineca.it/pubblico/miur/esito-abilitato/05%252FE3/2/5

ATTIVITÀ DI RICERCA SCIENTIFICA

1) PRODUZIONE SCIENTIFICA

Scopus Author ID: 23495596100; ResearcherID: G-8208-2011; ORCID: 0000-0001-9571-0862
Pubblicazioni su riveste indicizzate: 207 (IF complessivo 1.262,68)
Abstract su riveste indicizzati: 192 (IF complessivo 750,972)
H index: 44 (*source: Web of Science al 02/08/2023*)
Contributi in Volumi: 9

Per l'elenco complessivo della Produzione Scientifica si faccia riferimento all'Allegato 1 di seguito.

2) DIREZIONE E COORDINAMENTO DI GRUPPI DI RICERCA NAZIONALI

- 01/06/2021 - ad oggi Responsabile dell'Unità Complessa di Screening Neonatale, Genomica Funzionale e Malattie rare (Ricerca e Diagnostica nel campo della Genomica ed Epigenomica associata a malattie neonatali e pediatriche) - Ospedale dei Bambini "V. Buzzi" – Milano
- 02/09/2020 - 31/05/2021 Responsabile della Unità di Genomica e post Genomica. (Ricerca nel campo della Genomica ed Epigenomica associata a malattie del Sistema Nervoso Centrale) -IRCCS Fondazione Mondino – Pavia
- 24/06/2015 - 01/09/2020 Responsabile del Centro di Genomica e post Genomica (Diagnostica e Ricerca nel campo delle malattie del Sistema Nervoso) - IRCCS Fondazione Mondino – Pavia
- 01/01/2010 - 24/06/2015 Responsabile del Laboratorio di Neurobiologia Sperimentale (Ricerca nel campo della Sclerosi Laterale Amiotrofica) -IRCCS Fondazione Mondino – Pavia

3) PARTECIPAZIONE A COMITATI EDITORIALI DI RIVISTE INTERNAZIONALI

- 2020 - oggi: Associate Editor for Cellular Neurophysiology
- 2018 - oggi: Associate Editor Frontiers in Cellular Neuroscience (Cellular Neurophysiology)
- 2016 - oggi: Academic Editor for Journal of Genetic Medicine and Gene Therapy
- 2015 - oggi: Academic Editor for PLos ONE

GUEST ASSOCIATER EDITOR

- 2019 - 2020: Guest Associate Editor in Frontiers in Cellular Neuroscience – Section: Cellular Neurophysiology.
    - **Special Issue:** Cereda C., Muotri A.R., Di Giulio A.M.: "*Brain Organoids: Modeling in Neuroscience".* (18/03/2019 - 27/03/2020). Editorial.
- 2019 - 2020: Guest Editor for Journal of Clinical Medicine -Section: Clinical Neurology.

  - **Special Issue**: Cereda C., Pansarasa O*.: "Clinical and Translational Research on Amyotrophic Lateral Sclerosis (ALS)". (11/06/2019* - 31/07/2020). Short Sammary on website.
- 2020 - 2021: Guest Associate Editor in Frontiers in Molecular Neuroscience Archive – Section: Molecular Signalling and Pathways.
  - **Special Issue**: Coppedè F., Cereda C, Lintas C., Stoccoro A.: *"Epigenetics of Neurodevelopmental, Neuromuscular and Neurodegenerative Disorders".* (04/08/2020 - 30/11/2021). Editorial.
- 2020 - 2021: Guest Editor in International Journal of Molecular Sciences.
  - **Special Issue**: Cereda C., Morasso C., Gagliardi S.: "*New Advances in Research on Alzheimer's Disease".* (06/04/2021 - 30/06/2022). Short Sammary on website.

4) ATTIVITÀ DI REFERAGGIO DI LAVORI SCIENTIFICI E PROGETTI

- Attività di referaggio per diverse riviste scientifiche. Di seugito le principali:
  - Molecular Genetics and Metabolism (Mol Genet Metab)
  - Journal of Neuroimmunology (JNI)
  - Neuropharmacology (NEUROPHARM)
  - Journal of the Neurological Sciences (JNS)
  - Frontiers in cellular neuroscience (FRONT CELL NEUROSCI)
  - Neuroscience letters (NEUROSCI LETT)
  - Journal of neurology, neurosurgery and psychiatry (JNNP)
  - Neurological Sciences (NEUS)
  - PlosOne
- Attività di revisione di progetti:
  - 2023: Valutatore progetti di ricerca per Swiss National Science Foundation - Svizzera
  - 2022: Valutatore progetti di ricerca per Israel Science Foundation - Islaele
  - 2022: Valutatore progetti di ricerca per Assotiation pour la researche sul la Sclérose Latérale Amiotrophique et autres Maladies du Motoneurone (ARSLA) - Francia
  - 2021: Valutatore progetti di ricercar per la Rosetrees Trust: Supports the best medical research (UK)
  - 2021: Valutatore progetti di ricercar per Natural Sciencesand Engineering Research Council of Canada - Canada
  - 2019: Valutatore progetti di ricerca nel programma "New Frontiers in Research Fund – Canada
  - 2018 – ad oggi: Valutatore progetti e PhD Studentship Application per Motor Neurone Disease (MND) Association – (UK)
  - 2017: Valutatore di progetti di ricerca (Research Grant) per AFM TÉLÉTHON - Francia
  - 2013: Valutatore di progetti di ricerca (Starting Grant) per AFM TÉLÉTHON - Francia
  - 2009: Valutatore di progetti di ricerca nell'ambito delle iniziative promosse per favorire l'attività di giovani impegnati nella ricerca - l'Università degli Studi di Milano

5) PARTECIPAZIONE A SOCIETÀ SCIENTIFICHE

- 2023 ad oggi: European Society of Human Genetics (ESHG)
- 2022 ad oggi: Società Italiana per lo Studio delle Malattie Metaboliche Ereditarie e lo Screening Neonatale (SIMMESN):
  - 2023 ad oggi: Gruppo di lavoro sul Rapporto tecnico per l'Istituto Superiore di Sanità
- 2018 ad oggi Extracellular Vesicles Italia (EVITA)
  - dal 2018 - 2022: eletta nel Direttivo Scientifico
- 2011 ad oggi: Society for Neurosciece (SfN)
- 2011 ad oggi: Federation of European Neuroscince Societies (FENS)
- 2011 ad oggi: Italian Society of Neuroscience (SINS)

- 2009 ad oggi: Società Italiana di Genetica Umana (SIGU):
    - 2017 ad oggi: Gruppo di Lavoro Epigenetica
    - 2015 ad oggi: Gruppo di Lavoro Gentica Molecolare
    - 2010 ad oggi: Guppo di Lavoro Sanità

6) COLLABORAZIONI NAZIONALI O INTERNAZIONALI STABILI

- 2023 ad oggi: Prof. Alessandra Ferlini, Prof. Associato di Genetica Medica, Direttore della Genetica Medica di Azienda Ospedaliero-Universitaria di Ferrara – Università degli Studi di Ferrara collaborazione per l'avvio in Italia dello Screening Neonatale Genomico
- 2023 ad oggi: Prof. Alessandro Aiuti, Prof. Associato di Pediatria, Università Vita-Salute; Direttore dell'U.O di Pediatria Immunoematologica, Ospedale San Raffaele; Responsabile, Unità Pediatrica Ricerca Clinica, HSR-TIGE - Fondazione San Raffaele Telethon (HSR-TIGE): collaborezione per l'avvio dello Screening Neonatale della Leucodistrofia Metacromatic
- 2022 ad oggi: Dr. Dionigi Vici - Direttore U.O.C Patologia Metabolica Medica - IRCCS Ospedale Pediatrico Bambino Gesù: collaborazione per la messa a punto di protocolli per lo Screening Neonatale delle Malattie Metaboliche
- 2021 ad oggi: Dr. Antonio Novelli - Direttore U.O.C. Laboratorio di Genetica Medica -IRCCS Ospedale Pediatrico Bambino Gesù: collaborazione per l'avvio in Italia dello Screening Neonatale Genomico
- 2021 ad oggi: Dr. Enrico Bertini - Direttore U.O.C. Malattie Neuromuscolari e Neurodegenerative - IRCCS Ospedale Pediatrico Bambino Gesù: collaborazione per lo sviluppo di progetti per la comprensione e cura delle Leucodistrofie e malattie neuromuscolari
- 2019 ad oggi Prof. Hedrich C. M Department of Women's and Children's Health, Institute of Life Course and Medical Sciences, University of Liverpool, Liverpool, United Kingdom; Department of Paediatric Rheumatology, Alder Hey Children's NHS Foundation Trust Hospital, Liverpool, United Kingdom: collaborazione cominciata con il dottorato di Jessica Garau
- 2019 - 2021: Le Studium Research Consontium – Institute per Advanced Studies - Loire Valley: collaborazione per progetti di ricerca su Vescicole Extracellulari
- 2016 ad oggi: Dr.ssa Anna Kajaste-Rudnitski - Fondazione San Raffaele Telethon (Terapia Genica SR-Tiget): Collaborazione per progetti di ricerca miarati allo sviluppo di una terapia genica per la Sindrome di Aicardi-Goutières (AGS). Progetto in collaboarzione con International Aicardi-Goutières Syndrome Association (I.A.G.S.A)
- 2018 ad oggi: Prof. Gatenholm Paul, Professor Emeritus at Applied Chemistry, Professor of Biopolymer Technology at the Department of Chemical and Biological Engineering - 3D Bioprinting Center - Chalmers University of technology Göteborg (Sweden): collaborazione cominciata con la tesi di dottorato di Matteo Bordoni e continuata per progetti di ricerca sullo sviluppo di un network neurale 3D in bioink conduttivo composto da cellulosa microfibrillata e nanotubi di carbonio usando un bioplotter 3D
- 2014 ad oggi: Prof. Serena Carra, Prof. Associato Biologia Molecolare - Dipartimento di Scienze Biomediche, Metaboliche e Neuroscienze - Università degli Studi di Modena: collaborazione per progetti di ricerca sulla Sclerosi Laterale Amiotrofica
- 2013 - 2021: Prof. Nora Perrone-Bizzozero - The New Mexico Alcohol Research Center (NMARC): collaborazione cominciata con la tesi di dottorato di Michela Dell'Orco e continuata con progetti di ricerca sulla demenza e sulla Sclerosi Laterale Amiotrofica
- 2013 ad oggi: Prof. Yanick J Crow – Institute of Human development – University of Manchester: collaborazione per progetti di ricercar sulla Sindrome di Aicardi-Goutières
- 2012 ad oggi: Prof. Angelo Poletti, Prof. Ordinario di Biologia Applicata – Dipartimento di Scienze Farmacologiche e Biomolecolari - Università degli Studi di Milano: collaborazione per progetti di ricerca sulla Sclerosi Laterale Amiotrofica
- 2012 ad oggi: Prof. Muzi-Falcone Marco, Prof. Ordinario di Biologia Molecolare – Dipartimento di Bioscienze - Università degli Studi di Milano: collaborazione per progetti di ricerca sulla Sindrome di Aicardi-Goutières
- 2012 - 2021: Prof. Christopher Shaw – Kings' College – London: collaborazione cominciata con il dottorato di Valentina Sardone e continuata nel gruppo internazionale EURALS

- 2009 ad oggi: Prof. Silani Vincenzo, Prof. Ordinario di Neurologia – Direttore del Dipartimento di neuroscienze IRCCS Istituto Auxologico Italiano – Università degli Studi di Milano: collaborazione per progetti di ricerca sulla genetica della Sclerosi Laterale Amiotrofica
- 2009 - 2021: Prof. John R. Cashman – Human BioMolecular Research Institute - S. Diego: collaborazione cominciata con la tesi di dottorato di Stella Gagliardi e continuata con progetti di ricerca comuni sulle demenze
- 2006 - 2021: Prof. Andrea Malaspina - Blizard Institute, Barts and the London; Queen Mary University of London (UK): collaborazione per progetti di ricerca sulla Sclerosi Laterale Amiotrofica e sulle demenze sostenuta anche con la tesi di dottorato di Emanuela Leoni (2011-2013)

7) CONSEGUIMENTO DI PREMI E RICONOSCIMENTI PER L'ATTIVITÀ SCIENTIFICA (EXTERNAL PEER REVIEWED)

- 2023 - Premio "Miglior Lavoro Scientifico 2022 - Giovani Ricercatori - Ricerca pre-clinica" indetto dalla Fondazione "Istituto Neurologico Nazionale Casimiro Mondino" per la pubblicazione: Bordoni M, Pansarasa O, Scarian E, Cristofani R, Leone R, Fantini V, Garofalo M, Diamanti L, Bernuzzi S, Gagliardi S, Carelli S, Poletti A, **Cereda C**. *Lysosomes Dysfunction Causes Mitophagy Impairment in PBMCs of Sporadic ALS Patients.* Cells. 2022 Apr 9;11(8):1272. doi: 10.3390/cells11081272
- 2021 - Premio "Miglior Lavoro Scientifico 2019" indetto dalla Fondazione "Istituto Neurologico Nazionale Casimiro Mondino" per la pubblicazione: Gagliardi S, Poloni ET, Pandini C, Garofalo M, Dragoni F, Medici V, Davin A, Visonà SD, Moretti M, Sproviero D, Pansarasa O, Guaita A, Ceroni M, Tronconi L, **Cereda C**. *Detection of SARS-CoV-2 genome and whole transcriptome sequencing in frontal cortex of COVID-19 patients*. Brain Behavior and Immunity; doi: 10.1016/j.bbi.2021.05.012
- 2020 - Premio "Miglior Lavoro Scientifico 2019 - Giovani Ricercatori - Ricerca pre-clinica" indetto dalla Fondazione "Istituto Neurologico Nazionale Casimiro Mondino" per la pubblicazione: Bordoni M, Karabulut E, Kuzmenko V, Fantini V, Pansarasa O, **Cereda C**, Gatenholm P. *3D Printed Conductive Nanocellulose Scaffolds for the Differentiation of Human Neuroblastoma Cells.* Cells. 2020 Mar 11;9(3):682. doi: 10.3390/cells9030682
- 2020 - Premio "Miglior Lavoro Scientifico 2019" indetto dalla Fondazione "Istituto Neurologico Nazionale Casimiro Mondino" per la pubblicazione: Gagliardi S, Zucca S, Pandini C, Diamanti L, Bordoni M, Sproviero D, Arigoni M, Olivero M, Pansarasa O, Ceroni M, Calogero R**, Cereda C**. *Long non-coding and coding RNAs characterization in Peripheral Blood Mononuclear Cells and Spinal Cord from Amyotrophic Lateral Sclerosis patients*. Scientific Reports. doi 10.1038/s41598-018-20679-5
- 2015 - Premio "Miglior Lavoro Scientifico 2014" indetto dalla Fondazione "Istituto Neurologico Nazionale Casimiro Mondino" con la pubblicazione Cortese A, Tucci A, Piccolo G, Galimberti CA, Fratta P, Marchioni E, Grampa G, **Cereda C**, Grieco G, Ricca I, Pittman A, Ciscato P, Napoli L, Lucchini V, Ripolone M, Violano R, Fagiolari G, Mole SE, Hardy J, Moglia A, Moggio M. *Novel CLN3 mutation causing autophagic vacuolar myopathy*. Neurology. doi 10.1212/WNL.0000000000000490
- 2014 - Premio "Miglior Lavoro Scientifico 2013" indetto dalla Fondazione "Istituto Neurologico Nazionale Casimiro Mondino" con la pubblicazione Milani P, Amadio M, Laforenza U, Dell'Orco M, Diamanti L, Sardone V, Gagliardi S, Govoni S, Ceroni M, Pascale A, **Cereda C**. *Post-transcriptional regulation of SOD1 gene expression under oxidative stress: potential role of ELAV proteins in sporadic ALS*. Neurobiology of Disease. doi 10.1016/j.nbd.2013.08.005

8) ORGANIZZAZIONE O PARTECIPAZIONE COME MODERATORE/ RELATORE/RESPONSABILE SCIENTIFICO A CONVEGNI DI CARATTERE SCIENTIFICO

- Ha partecipato in qualità di Moderatore/Relatore/Responsabile Scientifico a più di 160 corsi, convegni, congressi e seminari in Italia e all'estero. Di seguito si riportano i principali:
  Moderatore:

1. 2023- Moderatore: 20th National Congress of the Italian Society for Neurosciece - Symposium: Dealing with 3D culture systems: some applicative examples - Torino. (14 - 17 settembre 2023)
2. 2023 - Moderatore: La pediatria nella pratica clinica. Dodicesima edizione - Sessione: Malattie rare e terapie innovative - Cereda C., Burlina A. - Palazzo delle Stelline, Milano. (2 - 4 febbraio 2023)
3. 2023 - Moderatore: RETE LOMBARDA SCREENING NEONATALE: risultati e criticità 2021 - 1° WORKSHOP - Sessione: PRESENTAZIONE RISULTATI 2021. Cereda C., Spacini L. - Regione Lombardia, Milano. (19 gennaio 2023)
4. 2022 - Moderatore: Screen and care AADCd. StarHotel Echo, Milano. (28 ottobre 2022)
5. 2022 - Moderatore: I Congresso Nazionale sulle Leucodistrofie in età pediatrica. Dalla Diagnosi al trattamento - Sessione: Leucodistrofie lisosomiale e perossisomiali - Cereda C., Gasparini S. - Università degli Studi di Milano, Milano. (19-20 settembre 2022)
6. 2022 - Moderatore: Lo Screening Neonatale per la SMA. Dal progetto pilota all'estensione nazionale - Sessione: L'armonizzazione dei test genetici e la determinazione del numero di SMN2: aspetti tecnici e metodologici - Cereda C., Tiziano F. D., Zara F. - Università Cattolica del Sacro Cuore, Roma. (10 marzo 2022)
7. 2020 - Moderatore: EVITA Workshop – Sessione: Up to date on EV related technologies - Cereda C., Bongiovanni A. - on line - (25 settenbre 2020)
8. 2020 - Moderatore: La pediatria nella pratica clinica. Nona edizione - Sessione: Malattie neuromuscolari e degenerative: dallo screening alla clinica - Cereda C., Mastrangelo M. - Palazzo delle Stelline, Milano. (6 - 8 febbraio 2020)
9. 2019 - Moderatore: ALL4AD - Sessione: Genetica e patologie neurodegenerative - Costa A., Cereda C. – IRCCS Fondazione Mondino, Pavia. (4-5 ottobre 2019)
10. 2017 - Moderatore: XVII Congresso Nazionale SINS. Sessione: Non coding RNAs and neurodegenerative diseases: the state of the art. (04 ottobre 2017)
11. 2016 - Moderatore al XXVII Ottorino Rossi Award presso Istituto Neurologico "C. Mondino", Pavia. Sessione: Young Investigators. (11 ottobre 2016)

Relatore:

1. 2023 - Relatore: Congresso Regionale Società Italiana di Pediatria (Lombardia): La genetica in pediatria. Intervento: Cereda C. "Screening neonatale: limiti attuali e prospettive future in Lombardia" - Università degli Studi di Brescia. (28 gennaio 2023)
2. 2023 - Relatore: RETE LOMBARDA SCREENING NEONATALE: risultati e criticità 2021 - 1° WORKSHOP – Intervento: Cereda C. "Novità nello Screening Neonatale" - Regione Lombardia - Milano (19 gennaio 2023)
3. 2022 - Relatore: Medicina traslazionale: aspetti e prospettive in campo aereomedico. Intervento: Cereda C. "L'epigenetica del cervello: Influenza dell'invecchiamento, dell'ambiente e degli stili di vita" - P.za Novelli, Milano. (25 novembre 2022)
4. 2022 - Relatore: Nuove frontiere dello screening neonatale. Novità in Regione Lombardia. Intervento: Cereda C. "Dalla biochimica all'esoma: ruolo delle tecniche di biologia molecolare" - Università degli Studi di Milano, Milano. (18 ottobre 2022)
5. 2022 - Relatore: Sfide e Sistema Sanitario Nazionale: nuovi modelli organizzativi di assistenza e di ricerca, innovazione tecnologica e centralitàdella persona nel percorso di cura. Intervento: Cereda C. "Meccanismi molecolari comuni sottesi alle malattie neurodegenerative: un nuovo paradigma?" - Centro Paolo VI, Brescia. (21 settembre 2022)
6. 2022 - Relatore: Workshop SLA 2022: Dialogo tra ricerca preclinica e clinica. Intervento: Cereda C. "Disfunzione mitocondriale e stress ossidativo" - Modena. (8 aprile 2022)
7. 2022 - Relatore: La Pediatria nella pratica clinica (Undicesima edizione) - Corso: Malattie metaboliche ereditarie. Dal segno/sintomo alla diagnosi. Intervento: Cereda C. "Screening metabolico neonatale: dal presente al futuro". Palazzo Stelline, Milano. (3 - 5 febbraio 2022)
8. 2022 - XXXV CONGRESSO REGIONALE SIN LOMBARDIA. Intervento: "Screening metabolico neonatale: presente e futuro". Excelsior San Marco, Bergamo. (28 -29 gennaio 2022)
9. 2021 - Relatore: SIGU Sanità - Corso: MA SIAMO PRONTI? Il punto nelle regioni - Intervento: Screening ed Esoma clinico: proposta di un Tavolo di Lavoro - on line - (21 ottobre 2021).

10. 2019 - Relatore: La genetica delle Neurofibromatosi - Intervento: “Per una presa in carico dei pazienti affetti da NeuroFibromatosi” - IRCCS Fondazione Mondino, Pavia. (25 ottobre 2019)
11. 2018 - Relatore: 17° Corso di Formazione Avanzata. Intervento: “Epigenetica: dall’ereditarietà transgenerazionale alla malattia” - Collegio Ghislieri, Pavia. (23-25 maggio 2018)
12. 2018 - Relatore: Mondino haghlights 2018: Disordini del Movimento - IRCCS Fondazione Mondino, Pavia. (15 giugno 2018)
13. 2016 - Relatore: Workshop: Informatica a supporto della Ricerca clinica - Intervento: “Analisi bioinformatiche di dati NGS nel campo delle malattie neurologiche rare”. Università degli Studi di Pavia, Pavia. (16 settembre 2016)
14. 2016 - Relatore: Nuove regole: Appropriatezza delle cure e centralità del paziente - Intervento: “L’appropriatezza prescrittiva nella Medicina di Laboratorio: La Genetica Neurologica” - IRCCS Fondazione Mondino, Pavia. (09 giugno 2016)
15. 2016 - Relatore: WORKSHOP Ricerca traslazionale per le malattie neurodegenerative: dai modelli sperimentali al paziente. Settimana del Cervello. Intervento: “Superossido Dismutasi 1: un biomarcatore molecolare per la Sclerosi Laterale Amiotrofica”. - IRCCS Fondazione Mondino, Pavia. (18 marzo 2016)
16. 2014 - Relatore:"Deficit del trasportatore GLUT1: attualità e prospettive future." - IRCCS Fondazione Mondino, Pavia. (13 settembre 2014)
17. 2012 - Relatore. Iintervento: “mRNA-SOD1 e sua implicazione nella patogenesi della SLA sporadica”. Dipartimento di Farmacologia Sperimentale ed Applicata. Università di Pavia, Pavia. (26 novembre 2012)
18. 2012 - Relatore: Le basi genetiche e molecolari della Sclerosi Laterale Amiotrofica - Intervento: “mRNA-SOD1 e sua implicazione nella patogenesi della SLA sporadica” - Centro di Eccellenza sulle patologie NeuroDegenerative (CEND) - Università degli Studi di Milano, Milano. (20 giugno 2012)
19. 2009 - Relatore: Neuroscienze: Approcci interdisciplinari - Intervento: “Nuovo approccio allo studio della Sclerosi Laterale Amiotrofica” - Università degli Studi di Pavia, Pavia. (19 maggio 2009)
20. 2008 - Relatore: Intervento: “Marcatori periferici nella Sclerosi Laterale Amiotrofica”. Centro S. Giovanni di Dio - Fatebenefratelli, Brescia. (04 febbraio 2008)
21. 2004 - Relatore: Lunedì Scientifici - Intervento: “Nuove scoperte nella patogenesi della Sclerosi Laterale Amiotrofica” -IRCCS Fondazione Mondino, Pavia. (12 aprile 2004)

Responsabile Scientifico:

1. 2018 - Responsabile scientifico congresso: “Il metabolismo degli RNA nelle malattie neurologiche: Apporto degli RNA non codificanti alla regolazione” – IRCCS Fondazione Mondino, Pavia. (6 luglio 2018)
2. 2018 - Responsabile scientifico congresso: “La genetica tra noi: dalla genetica alla genomica” - IRCCS Fondazione Mondino, Pavia. (6 aprile; 17 maggio; 21 settembre; 23 novembre 2018)

PROGETTI DI RICERCA FINANZIATI

- È stata assegnataria di diversi finanziamenti di ricerca per progetti finanziati dal Ministero della Salute, Fondazioni ed Enti Privati e Fondi Europei in qualità di Ricercatore, Principal Investigator di unità operativa/del progetto oltre che di finanziamenti di Ricerca Corrente.
- Inoltre, il gruppo di ricerca è stato assegnatario progetti finanziati dal Ministero della Salute, Fondazioni ed Enti Privati e Fondi Europei.

1) NAZIONALI SOGGETTI A REVISIONE SCIENTIFICA

- 2023 - in corso - Telethon - "Newborn screening for early diagnosis of Metachromatic Leukodystrophy". (01/09/2023 - 01/02/2026). PI del Progetto
- 2023 - in corso - CARIPLO Extrabando (ID: adnT9tD99y) - "Lampo di Gene: Centro di Genomica Funzionale per le Malattie Genetiche Rare”. (25/06/2023 - 25/05/2025). PI del Progetto
- 2023 - in corso - PRIN 2022 (20228PNNJL) - "Pediatric obesity and COVID19: preclinical and clinical evidence on the role of adipose tissue in infection susceptibility and progression". (data di

inizio da definire). External Collaborator di UniMi Prof. Zuccotti G. - Dip. di Scienze Biomediche e Cliniche

- 2023 - in corso - PRIN Giovani 2022 (2022KSJZF5) - "Decoding distinctive features of EXtracellular vesicles in TDP-43 proteinopathies (EXIT)". (data di inizio da definire). External Collaborator di UniMi Prof. Crippa V. - Dip. di Scienze Farmacologiche e Biomolecolari
- 2020 - Banca Intesa San Paolo (B/2020/0045) - "Banca del cervello attività di ricerca e servizio alla comunità: un investimento presente per migliorare il futuro". (01/12/2020 - 31/11/2021). PI di Unità Operativa
- 2019 - in corso - Ministero della Salute - Ricerca Finalizzata (GR-2019-12368701): "From neonatal screening towards treatement of leukodystrophies". (01/09/2021 - 31/08/2023). PI di Unità Operativa
- 2017 - PRIN (2017F2A2C5): "The interplay between the "RNA/protein quality control system" and "exosomes" as a spreading mechanism in Amyotrophic Lateral Sclerosis". (29/08/2019 - 28/08/2021). External Collaborator di UniMi Prof. Poletti A. - Dipartimento di Scienze Farmacologiche e Biomolecolari
- 2017 - CARIPLO (2017-0557): "Association between frailty trajectories and biological markers of aging. (FrailBioTrack)". (01/03/2018 - 28/02/2021). PI del Progetto
- 2017 - AIFA (2017-004459-21): "Colchicine for Amyotrophic Lateral Sclerosis: a phase II, randomized, double blind, placebo controlled, multicenter clinical trial". (24/09/2018 - 31/01/2021). PI di Unità Operativa
- 2015 - Fondazione per la Ricerca Biomedica 2015-0023: "Translating molecular mechanisms into ALS risk and patient's wellbeing (TRANS-ALS)". (01/02/2017 - 31/12/2020). PI di Unità Operativa
- 2014 - Fondazione AriSLA: "VCP and autophagolysosomal pathway: guardians of proteostasis and stress granule dynamics. Unraveling their implication in ALS". (01/04/2015 - 31/03/2018). PI di Unità Operativa
- 2013 - Fondazione Cariplo (RACAR0010): "Processing of RNA: DNA hybrid molecules by RNaseH in the pathogenesis of the Aicardi-Goutières syndrome and other autoimmune diseases". (01/07/2014 - 30/06/2016). PI di Unità Operativa
- 2011 - Regione Autonoma Valle d'Aosta: "Interventi regionali in favore della Ricerca e dello Sviluppo". "ParIS - PARkinson Informative Systems". (01/01/2011 - 31/12/2011). PI del Progetto
- 2010 - Fondazione Cariplo (RACAR0007): "Study of GLUT1 expression and GLUT4 co-expression in white blood cells of GLUT1 deficiency syndrome patients". (01/09/2011 - 30/08/2013). External collaborator di UniPv Prof. Veggiotti P. - Department of Brain and Behavioral Sciences
- 2009 - Ministero della Salute - Ricerca Finalizzata (RFRF09F): "Understanding the biological continuum between Amyotrophic lateral sclerosis (ALS) and Fronto-temporal dementia (FTD): a step towards a more efficient assistance model for the affected patients". (01/12/2011 - 30 /11/2015). PI di Unità Operativa
- 2009 - Fondazione Banca del Monte - Nanotecnologie nella diagnostica precoce e differenziale della Malattia di Alzheimer. (01/06/2009 - 31/05/2009). PI del Progetto
- 2008 - Fondazione Banca del Monte - Contributo per lo sviluppo dell'utilizzo di nuova tecnologia in campo proteomico (SELDI MALDI/TOF). (01/06/2008 - 31/05/2008). PI del Progetto

2) INTERNAZIONALI SOGGETTI A REVISIONE SCIENTIFICA

- 2023 – approvato HORIZON-HLTH-2023-TOOL-05 (ID: 101136262): "Better rEal-world healTh-daTa distributEd analytics Research platform (BETTER)". PI di Unità Operativa. (Approvato CE 13/04/2023)
- 2023 - in corso - HORIZON ERC-2022-POC1 (ID: 101068512): "Feasibility of a secretome factory to treat paediatric interstitial lung disease (NICHILD)". External Collaborator UniMi UO PI Prof. Pelizzo G. - Dep. di Scienze Biomediche e Cliniche. (01/04/2023 - 31/10/2024)
- 2022 - in corso - United Leukodystrophy Foundation (2022 ULF): "Functional characterization of the IFIH1 mutations in Aicardi-Goutières Syndrome: cytosolic RNA sensors and novel molecular regulators". (01/01/2023 - 31/12/2023). PI del Progetto
- 2018 - EURONANOMED (JTC2018-037): "Ferritin-nanogarges for the anti-aging treatment based on curcuminoids". (01/03/2019 - 28/02/2022). PI di Unità Operativa

- 2015 - EU Joint Programme Neurodegenerative Disease (RC16010H2): "Stress granules and proteostasis in motor neurons: towards a mechanistic understanding of ALS". (Giugno 2016 - Maggio 2018). External Collaboarator UniMi Prof. Poletti A. - Dipartimento di Scienze Farmacologiche e Biomolecolari

3) PROGETTI "CONTO CAPITALE" - MINISTERO DELLA SALUTE

- 2018 - Ministero della Salute - Conto Capitale: Analisi combinata delle alterazioni biochimico-metaboliche e neurofisiologiche nei pazienti con disturbi del movimento. PI di Unità Operativa
- 2016 - Ministero della Salute - Conto Capitale: Sviluppo e armonizzazione di Biobanche della Rete. PI del Progetto
- 2016 - Ministero della Salute - Conto Capitale: Definizione di una piattaforma per lo studio dell'epigenetica nelle malattie neurodegenerative. PI del Progetto
- 2015 - Ministero della Salute - Conto Capitale: Sviluppo di un network di eccellenza per la caratterizzazione genomica e proteomica avanzata delle malattie neurodegenerative con declino cognitivo e comportamentale. PI del Progetto
- 2014 - Ministero della Salute - Conto Capitale: Potenziamento della ricerca traslazionale sulle malattie neurodegenerative da proteinopatie: nuovi approcci neurobiologici. Analisi di vescicole extracellulari come potenziali biomarcatori. PI del Progetto

4) PROGETTI DI RICERCA CORRENTE – MINISTERO DELLA SALUTE

- 01/01/2023 - 31/12/2025 - ASST Fatebenefratelli - Sacco: "Sviluppo di una piattaforma informatica per il monitoraggio clinico e il contenimento delle infezioni: applicazioni allo studio e al controllo di COVID-19. DIGITAL-COVID"
- 01/01/2020 - 31/12/2023: Responsabile progetto: "Generazione di modelli cellulari innovativi derivati da pazienti" (RC21011A) - Unità Operativa: "Identificazione di marcatori clinici e biologici per la diagnosi e la prognosi di pazienti affetti da Sclerosi Laterale Amiotrofica (SLA)"
- 01/01/2019 - 31/12/2019: 5X1000: Responsabile progetto: "L'importanza della componente genetica nei pazienti sporadici e asintomatici affetti da Sclerosi Laterale Amiotrofica."
- 01/01/2017 - 31/12/2019: Unità Operativa: "Leucoencefalopatie ereditarie con calcificazioni cerebrali: dal fenotipo alle basi molecolari"; "Neuroftalmologia dell'età evolutiva: definizione di nuovi percorsi diagnostici e di follow-up"; Definizione di markers di patologia per l'individuazione di un percorso diagnostico-assistenziale per parkinsonismi atipici (taupatie e sinucleopatie)"
- 01/03/2015 - 28/02/2017: Responsabile Progetto: "Sviluppo di una diagnostica genetica per il Centro di Neuroftalmologia dell'età evolutiva"
- 01/01/2013 - 31/12/2016: Linea di Ricerca Corrente dal titolo "Processi neurodegenerativi e disordini del movimento" - Responsabile Progetti: "SLA, malattie rare e fenotipi neurodegenerativi complessi" (RC13013C); "Biomarcatori e nuove strategie terapeutiche in pazienti con demenza" (RC13013B); Genetic Heterogeneity: comorbity and clinical complex genome in neurodegenerative diseases" (RC13013B)
- 01/01/2012: Linea di Ricerca Corrente: "Processi neurodegenerativi e disordini del movimento" - Responsabile Progetto: "Definizione di nuove vie patogenetiche e caratterizzazione di sottogruppi di pazienti nella SLA sporadica"; Co-responsabile della Linea 3 di Ricerca Corrente: "Malattie del motoneurone ed altre malattie rare"
- 01/01/2009 - 31/12/2011: Linea di Ricerca Corrente: "Processi neurodegenerativi e disordini del movimento" (Linea 3) - Responsabile Progetto: "Malattie del motoneurone ed altre malattie rare"; Co-responsabile della Linea 9 di Ricerca Corrente: "L'apporto delta genetica alla definizione dei fenotipi cimici: patologie mono e poligeniche"
- 01/01/2005 - 31/12/2008: Linea di Ricerca corrente - "Malattie Neurodegenerative e disordini del movimento - Malattia del motoneurone: identificazione di nuovi marcatori di malattia e valutazione di approcci terapeutici innovativi" (Linea 3B) - Nell'ambito del progetto "Nuove funzioni del Superossido Dismutasi"; Responsabile Progetti: "Studio del ruolo dell'infiammazione attraverso

l'analisi del sistema del TNF in pazienti affetti da SLA"; "Analisi degli elementi regolatori del gene della Superossido Dismutasi in pazienti affetti da SLA"

- 18/05/2005 - 31/10/2005: Ricerca corrente "Identificazione di marcatori biologici in linfociti di pazienti affetti da Sclerosi Laterale Amiotrofica", con la seguente prestazione: "Individuazione di biomarcatori in tessuti periferici di pazienti affetti da SLA sporadica"
- 04/05/2004 - 28/02/2005: Ricerca corrente "Studio di eventi di splicing alternativo del gene SOD1 in modelli animali di SLA", con la seguente prestazione: "Messa a punto del modello di espressione genica delle variabili di splicing del gene SOD1 precedentemente descritte"

5) FINANZIAMENTI DI PROGETTI DA PARTE DI ENTI PRIVATI

- 2023 - ad oggi - Novartis (ID: 77544245) - Newborn Screening Pilot Project for the early diagnosis of Spinal Muscular Atrophy in the newborn population of Lombardia region (NeoSMA Lombardia). (25/01/2023 - 31/12/2023). PI del Progetto
- 2022 - ad oggi - Fondazione Buzzi - "Lampo di Gene". (Inizio: 01 Aprile 2022). PI del Progetto
- 2021 - Fondazione Buzzi - Org 3D. (01/06/2021 - 31/12/2022). PI del Progetto
- 2020 - Prysmian - "Messa a punto di un protocollo veloce di screening aziendale nella Fase 2 della pandemia da COVID-19". (01 Giugno 2020 - 31 Ottobre 2020). PI del Progetto

6) INCARICHI RICEVUTI PER L'ESECUZIONE DI PARTI DI RICERCA DI PROGETTI SOGGETTI A REVISIONE SCIENTIFICA

- 2002 - Ministero della Salute dal titolo - Ricerca finalizzata: "Tossicità della SOD1 mutata in modelli animali e cellulari di SLA", con la seguente prestazione: "Studio degli eventi di splicing alternativo di SOD1 in topi transgenici SOD1 mutated". (04/09/2003 - 31/12/2003)
- 2002 - Ministero della Salute - Ricerca finalizzata - "Tossicità della SOD1 mutata in modelli animali e cellulari di SLA: individuazione di fattori di rischio e strategie terapeutiche", con la seguente prestazione: "Sviluppo di tecniche di espressione genica (real rime) in particolare legate al gene SOD1". (17/01/2003 - 31/03/2003)
- 1998 - Ministero della Salute - Ricerca Finalizzata - "Sclerosi Laterale Amiotrofica", con la seguente prestazione: "controllo ed analisi sequenze per mutazioni gene SOD1". (29/11/2001 - 30/04/2002)

7) FINANZIAMENTI OTTENUTI DAL GRUPPO DI RICERCA DI CUI È / È STATA RESPONSABILE

- 2022 - Ministero della Salute - Piano Nazione di Ripresa e Resilienza (PNRR-MR1-2022-12375726): "Advancing understanding, Diagnosis and Monitoring of Thyroid Hormone Action Defects (ADAM-THAD)". Responsabile UO: Alberti Luisella. Responsabile scientifico: Cereda Cristina. (01/01/2023 - 31/12/2025)
- 2017 - Fondazione Cariplo: "Extracellular vescicles in the pathogenesis of frontotemporal dementia". Progetti Giovani Ricercatori. Responsabile UO: Gagliardi Stella. Responsabile scientifico: Cereda Cristina. (01/06/2018 - 31/05/2020)
- 2016 - Ministero della Salute - Ricerca Finalizzata: "Exracellular vesicles RNA: in Amyotrophic Lateral Sclerosis phatogenesis and in Patients profiling". Progetti giovani ricercatori: Responsabile UO: Gagliardi Stella. Responsabile scientifico: Cereda Cristina
- 2014 - ARISLA: "Investigating the involvement of long noncoding RNAs in Amyotrophic Lateral Sclerosis". Progetti giovani ricercatori: Responsabile UO: Gagliardi Stella. Responsabile scientifico: Cereda Cristina. (01/04/2014 - 30/09/2016)
- 2011 - Ministero della Salute - Ricerca Finalizzata: "Protective role of HSPB8 in motor neuron diseases (MNDs)". Progetti giovani ricercatori: Responsabile UO: Crippa Valeria. Responsabile scientifico: Cereda Cristina. (15/11/2014 - 15/11/2017)

ATTIVITÀ GESTIONALI, ORGANIZZATIVE E DI SERVIZIO

1) PARTECIPAZIONE A COLLEGIO DOCENTI

- Partecipazione al Collegio dei docenti del Dottorato di Ricerca in Scienze Biomediche per il Curriculum di Neuroscienze sia in qualità sia di membro delle commissioni esaminatrici che come tutor di studenti di dottorato e relatore delle loro tesi (da 01/08/2014). Presso Università degli Studi di Pavia
- Partecipazione al Collegio dei docenti del Dottorato di Ricerca in Genetica, Biologia Molecolare e Cellulare in qualità sia di membro delle commissioni esaminatrici sia come tutor di studenti di dottorato e relatore delle loro tesi (da 01/11/2017). Presso Università degli Studi di Pavia
- Partecipazione al Consiglio Didattico di Scienze Biologiche (da 01/11/2017). Presso Università degli Studi di Pavia

2) PARTECIPAZIONE A COMMISSIONI E GRUPPI DI LAVORO

- 2023 - Partecipante al Gruppo di Lavoro SIMMESN sul Rapporto tecnico annuale riguardante gli Screening Neonatali per Istituto Superiore di Sanità
- 2022 - ad oggi: Partecipante Gruppo di Esperti internazionali per lo Screening Neonatale della Leucodistrofia Metacromatica diretto da Prof. Michael Gelb, Prof. Associato di Biochimica - Dipartimento di Chimica - Università di Washington.
- 2021 - ad oggi: Partecipante al Gruppo di Esperti nazionale per lo Screening Neonatale del deficit di decarbossilasi degli L-aminoacidi aromatici (AADC) diretto da Dr. Alberto Burlina, Direttore dell'Unità Operativa Complessa Malattie Metaboliche Ereditarie, Dipartimento di Pediatria, Azienda Ospedaliera di Padova
- 2021 - ad oggi: Partecipante al Coordinamento della Rete Regionale Screening Neonatale - Regione Lombardia come Rappresentante del Laboartorio di Screening Regionale
- 2017: Partecipante al Gruppo di Lavoro Epigenetica della Società di Genetica Umana
- 2016: Rappresentante dell'IRCCS Mondino nel Gruppo di lavoro Aree Tematiche (GLAT) "Terapie avanzate" del Cluster Tecnologico Lombardo Scienze della Vita
- 2015: Partecipante al Gruppo di Lavoro Genetica Molecolare della Società di Genetica Umana
- 2015 - ad oggi: Partecipante al gruppo nazionale di esperti per progetti di ricerca sulla Sclerosi Laterale Amiotrofica ENCALS
- 2010 - ad oggi: Pertecipante a gruppo nazionale di esperti di genetica sulla Sclerosi Laterale Amiotrofica SLAGEN
- 2010 - ad oggi: Partecipante a gruppo internazionale di esperti per progetti di ricerca sulla Sclerosi Laterale Amiotrofica. EURALS
- 2010: Partecipante al Gruppo di Lavoro SIGU Sanità della Società di Genetica Umana
- 2009: Valutatore di progetti di ricerca nell'ambito delle iniziative promosse per favorire l'attività di giovani impegnati nella ricerca - Università degli Studi di Milano - Magnifico Rettore Prof. Enrico Decleva
- 2008: Consulente Esperto del settore SLA, al Gruppo di Lavoro sulla riqualificazione dell'attività delle Commissioni Sanitarie per l'accertamento dell'invalidità civile e dell'handicap - Direzione Generale Famiglia e Solidarietà Sociale - Regione Lombardia. Tale consulenza ha portato alla stesura del documento di "*Valutazione delle malattie dei motoneuroni e in particolare della Sclerosi Laterale Amiotrofica nell'ambito dell'Invalidità civile dell'handicap comprensiva di tabella e dei dati classificativi, definizione e incidenza delle malattie stesse.*"

3) POSIZIONE FUNZIONALE

Il presidio Ospedale dei Bambini "V. Buzzi" dell'ASST Fatebenefratelli - Sacco rappresenta un polo di eccellenza ospedaliera pediatrica in cui vengono svolte attività di assistenza e di ricerca clinica e preclinica, nell'ambito dell'area neonatale e pediatrica. L'Ospedale Buzzi è tra le strutture ospedaliere per l'età neonatale e pediatrica in cui la ricerca risulta all'avanguardia per la diagnosi, il trattamento, la cura e la prevenzione di patologie caratteristiche dell'età neonatale e pediatrica. All'interno dell'Ospedale dei

Bambini "V. Buzzi" l'Unità Complessa di Screening ha valenza Regionale ed è l'unica struttura in Regione Lombardia atta allo Screening delle Malattie secondo i dettami di Legge nazionale.

- Dal 01/06/2021 è in servizio presso il Presidio Ospedale dei Bambini "V. Buzzi" dell'ASST Fatebenefratelli - Sacco:
    - 25/11/2022 - ad oggi: Direttore dell'Unità Complessa di Screening Neonatale, Genomica Funzionale e Malattie Rare. L'implementazione rispetto all'UOC precedente ha riguardato l'inserimento di test molecolari come test di secondo livello per le malattie oggetto di screening e l'apertura a test molecolari, quali esoma con Next Generation Sequencing per la diagnosi
    - 01/06/2021 - 24/11/2022: Direttore dell'Unità Complessa di Laboratorio di Screening Neonatale e Malattie Metaboliche. La UOC è il laboratorio di riferimento Regionle per lo Screening Neonatale e per le conferme biochimiche ed ha il compito di effettuare tutte le attività di laboratorio per lo screening e la diagnosi delle malattie oggetto di screening. La UOC tratta i campioni di circa 80.000 neonati/anno per un totale di circa 800.000 test biochimici singoli.

La Fondazione Istituto Neurologico Nazionale "Casimiro Mondino" si configura come Istituto di Ricovero e Cura a Carattere Scientifico (IRCCS) di diritto privato e quindi le posizioni funzionali sono state declinate secondo le due dimensioni di attività dell'Ente ovvero Assistenza e Ricerca.

Assistenza:

- da 22/10/2013 a 31/05/2021: Responsabile della Biobanca dell'Istituto (Ricerca e Diagnostica). La strutturazione della Bioteca nasce nel 2010 come progetto di ricerca supportato dai Fondi di Ricerca Corrente della Fondazione per poi divenire nel 2013 (22/10/2013) un servizio all'interno dello SMeL
- dal 18/05/2020 a 31/05/2021: Referente Operativo Biologo del Laboratorio Covid-19 della Fondazione Istituto Neurologico Casimiro Mondino (IRCCS) di Pavia
- da 31/12/2018 a 31/05/2021: Responsabile del Laboratorio di Genetica Molecolare afferente alla Sezione Specialistica di Genetica Molecolare e Citogenetica dello SMeL della Fondazione Istituto Neurologico Casimiro Mondino (IRCCS) di Pavia
- da 24/06/2015 al 31/12/2018 Responsabile del Centro di diagnostica avanzata e di ricerca molecolare genomica e post-genomica della Fondazione (Molecular Genomic & PostGenomic Center) Istituto Neurologico Casimiro Mondino (IRCCS) di Pavia in cui sono state raggruppate le attività di diagnostica molecolare e di ricerca genomica
- da 01/03/2009 a 24/06/2015: Dirigente I fascia. Dirigente Biologo presso lo SMeL - Responsabile del Laboratorio di Neurogenetica afferente alla Sezione Specialistica di Biochimica Clinica dello SMeL della Fondazione Istituto Neurologico Casimiro Mondino (IRCCS) di Pavia

Ricerca:

- da 02/09/2020 a 31/05/2021: Responsabile della Research Unit di Genomica e post-Genomica che contiene al suo interno le sub-unità di Neuroepigenetica e RNA Biology
- da 24/06/2015 al 01/09/2020: Responsabile del Centro di diagnostica avanzata e di ricerca molecolare genomica e post-genomica (Molecular Genomic & PostGenomic Center) della Fondazione Istituto Neurologico Casimiro Mondino (IRCCS) di Pavia in cui sono state raggruppate le attività di diagnostica molecolare e di ricerca genomica
- da 01/01/2010 a 24/06/2015: Responsabile del Laboratorio di Neurobiologia Sperimentale
- da 01/03/2009 a 31/12/2009: Ricercatore Senior a Tempo Indeterminato presso Fondazione Istituto Neurologico Nazionale "Casimiro Mondino" (IRCCS) - Pavia
- da 29/11/2001 a 28/02/2009: Ricercatore Senior a Tempo Determinato presso Fondazione Istituto Neurologico Nazionale "Casimiro Mondino" (IRCCS) - Pavia

Durante il periodo presso l'Istituto Ortopedico Gaetano Pini presta la sua opera presso il Servizio di Immunologia e Trasfusionale dell'Istituto come borsista. L'Istituto Ortopedico Gaetano Pini si configurava come una Clinica Universitaria in cui è presente la dimensione assistenziale e quella di ricerca:

- da 02/01/2018 a 31/05/2021: Consulente Scientifico della Fondazione Mondino presso la Fondazione Golgi Cenci per le ricerche e lo studio sull'invecchiamento celebrale
- da 22/10/2013 a 31/05/2021: Responsabile della Biobanca dell'Istituto (Ricerca e Diagnostica). La strutturazione della Bioteca nasce nel 2010 come progetto di ricerca supportato dai Fondi di Ricerca Corrente della Fondazione per poi divenire nel 2013 (22/10/2013) un servizio all'interno dello SMeL

- da 01/06/1997 a 31/05/1998 borsa di studio dal titolo "Autotrasfusione: messa a punto di un programma globale" finanziata dal Ministero della Sanità presso il Servizio di Immunologia e Trasfusionale
- da 01/06/1996 a 31/05/1997 borsa di studio dal titolo "Modello organizzativo per la creazione di una banca dell'osso: raccolta, conservazione e distribuzione del tessuto osseo da vivente e/o cadavere" finanziata da Regione Lombardia presso il Servizio di Immunologia e Trasfusionale
- da 01/12/1994 a 30/11/1995 borsa di studio dal titolo "Modello organizzativo per la creazione di una banca dell'osso: raccolta, conservazione e distribuzione del tessuto osseo da vivente e/o cadavere" finanziata da Regione Lombardia presso il Servizio di Immunologia e Trasfusionale

Inoltre:

- da 01/01/2019 a 31/12/2019: Co - responsabile della Linea 1 dal titolo "Neuroscienze pre-cliniche e sperimentali"
- da 01/01/2012 a 31/12/2016: Co-responsabile della Linea 3 dal titolo "Processi Neurodegenerativi e disordini del movimento" e Responsabile dell'Area "Malattie del motoneurone ed altre malattie rare"
- da 01/01/2009 a 31/12/2011: Co - responsabile della Linea 9 di Ricerca Corrente dal titolo "L'apporto della genetica alla definizione dei fenotipi clinici: patologie mono e poligeniche"

Durante il periodo di lavoro presso l'Università degli Studi di Pavia presta la sua opera nel Dipartimento di Genetica ed Immunologia - Laboratorio di Immunogenetica come borsista:

- da 01/01/1994 a 01/12/1994 borsa di studio per promuovere la ricerca scientifica nel campo della Immunogenetica e dei trapianti finanziata da Biotest
- da 01/01/1993 a 31/12/1993 borsa di studio per promuovere la ricerca scientifica nel campo della Immunogenetica e dei trapianti finanziata da Biotest

ATTIVITÀ CLINICO ASSISTENZIALI

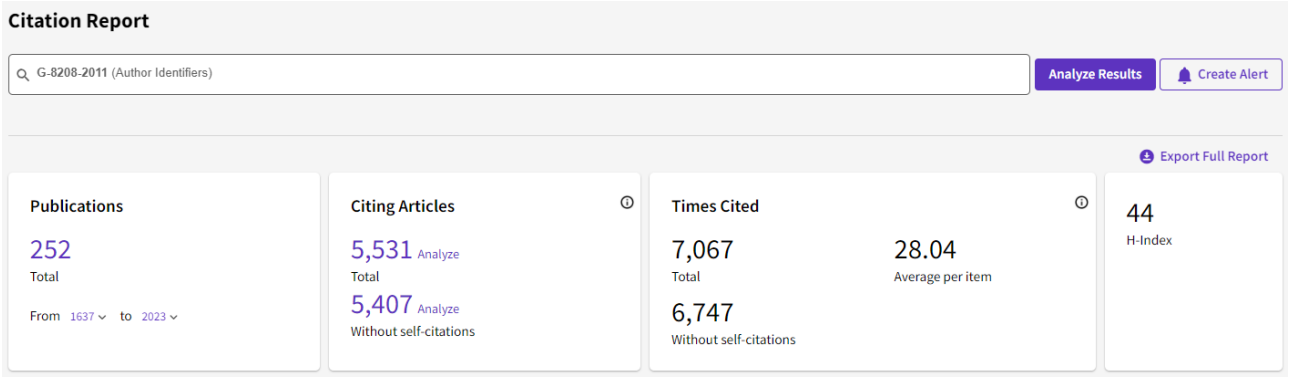
- 25/11/2022 - ad oggi: Direttore Unità Complessa di Screening Neonatale, Genomica Funzionale e Malattie Rare presso ASST Fatebenefratelli - Sacco; Presidio Ospedale dei Bambini "V. Buzzi" - MILANO. Tipo di attività: Diagnostica e Ricerca nel campo delle malattie rare pediatriche e neonatali
- 01/06/2021 - 24/11/2022: Direttore Unità Complessa di Laboratorio di Screening Neonatale e Malattie Metaboliche presso ASST Fatebenefratelli - Sacco; Presidio Ospedale dei Bambini "V. Buzzi" - MILANO. Tipo di attività: Diagnostica e Ricerca nel campo delle malattie rare pediatriche e neonatali
- 18/05/2020 - 31/05/2021: Referente Operativo Biologo del Laboratorio Covid-19 della Fondazione Istituto Neurologico Casimiro Mondino (IRCCS) di Pavia. (Diagnostica) presso IRCCS Fondazione Mondino - PAVIA. Tipo di attività: Diagnostica nel campo del Virus SARS CoV-2
- 31/12/2018 - 31/05/2021: Responsabile del Laboratorio di Genetica Molecolare afferente alla Sezione Specialistica di Genetica Molecolare e Citogenetica dello SMeL presso IRCCS Fondazione Mondino - PAVIA. Tipo di attività: Diagnostica nel campo della Genetica di malattie neurologiche
- 24/06/2015 - 31/12/2018: Responsabile del Centro di Genomica e post Genomica (Diagnostica e Ricerca) presso IRCCS Fondazione Mondino - PAVIA. Tipo di attività: Diagnostica e Riecerca nel campo delle malattie del Sistema Nervoso
- 01/03/2009 - 24/06/2015: Responsabile del Laboratorio di Neurogenetica presso IRCCS Fondazione Mondino - PAVIA. Tipo di attività: Diagnostica nel campo delle malattie genetiche del Sistema Nervoso
- 22/10/2013 - 31/05/2021: Responsabile della Biobanca (Diagnostica e Ricerca) presso IRCCS Fondazione Mondino - PAVIA. Tipo di attività: Identificazione dei processi di stoccaggio e mantenimento del materiale biologico

Data 04/08/2023 Luogo Borgarello

ALLEGATO 1:

UNIVERSITÀ DEGLI STUDI DI MILANO
Procedura di selezione per la chiamata a professore di II fascia da ricoprire ai sensi dell'art. 18, comma 1, della Legge n. 240/2010 per il settore concorsuale **06/A1 - Genetica Medica**
(settore scientifico-disciplinare **MED/03 - Genetica Medica**)
presso il Dipartimento di SCIENZE BIOMEDICHE E CLINICHE, **Codice concorso 5370**

Produzione Scientifica Complessiva
dott.ssa Cristina Giovanna CEREDA



(*source: Web of Science al 04/08/2023*)

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Nota. Con * sono indicate le Co-Last o Corresponding Autorships

Index-linked papers

2023 (IF Tot. 91,939 - Articles: 13)

1. Ferraro S, Biganzoli D, Rossi R, Palmisano F, Bussetti M, Verzotti E, Gregori A, Bianchi F, Maggioni M, Ceriotti F, **Cereda C**, Zuccotti G, Kavsak P, Plebani M, Marano G, Biganzoli E. Individual risk prediction of high-grade prostate cancer based on the combination between total prostate-specific antigen (PSA) and free to total PSA ratio. *Clinical Chemistry and Laboratory Medicine (CCLM)*. doi: 10.1515/cclm-2023-0008
2. Ferraro S, Luconi E, Calcaterra V, Cordaro E, Bianchi A, **Cereda C**, Zuccotti G, Kavsak P, Plebani M, Biganzoli E, Marano G, Boracchi P. Reference intervals for thyroid biomarkers to enhance the assessment of thyroid status in childhood and adolescence. *Clinical Chemistry and Laboratory Medicine*. doi: 10.1515/cclm-2022-1053
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4. Rey F, Maghraby E, Messa L, Esposito L, Barzaghini B, Pandini C, Bordoni M, Gagliardi S, Diamanti L, Raimondi MT, Mazza M, Zuccotti G, Carelli S, **Cereda C**. Identification of a novel pathway in sporadic Amyotrophic Lateral Sclerosis mediated by the long non-coding RNA ZEB1-AS1. *Neurobiology of Disease*. doi: 10.1016/j.nbd.2023.106030
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12. Barzaghini B, Carelli S, Messa L, Rey F, Avanzini MA, Jacchetti E, Maghraby E, Berardo C, Zuccotti G, Raimondi MT, **Cereda C**, Calcaterra V, Pelizzo G. Bone marrow mesenchymal stem cells expanded inside the Nichoid micro-scaffold: a focus on anti-inflammatory response. *Regenerative Engineering and Translational Medicine*. doi: 10.1007/s40883-023-00296-z
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15. Casarotto E, Sproviero D, Corridori E, Gagliani MC, Cozzi M, Chierichetti M, Cristofani R, Ferrari V, Galbiati M, Mina F, Piccolella M, Rusmini P, Tedesco B, Gagliardi S, Cortese K, **Cereda C**, Poletti A, Crippa V. Neurodegenerative Disease-Associated TDP-43 Fragments Are Extracellularly Secreted with CASA Complex Proteins. *Cells*. doi: 10.3390/cells11030516
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17. Sproviero D, Gagliardi S, Zucca S, Giannini M, Garofalo M, Fantini V, Pansarasa O, Avenali M, Ramusino M, Diamanti L, Minafra B, Perini G, Zangaglia R, Costa A, Ceroni M, Calogero RA, **Cereda C**. Extracellular Vesicles Derived From Plasma of Patients With Neurodegenerative Disease Have Common Transcriptomic Profiling. *Frontiers in Aging Neuroscience*. doi: 10.3389/fnagi.2022.785741
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19. Šušnjar U., Škrabar N., Brown AL. et al. Cell environment shapes TDP-43 function with implications in neuronal and muscle disease. Communications Biology. doi: 10.1038/s42003-022-03253-8

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21. Carelli S, Rey F, **Cereda C**. SNCA-AS1 in aging and Parkinson's disease. *Aging*. doi: 10.18632/aging.204025
22. Scarian E, Bordoni M, Fantini V, Jacchetti E, Raimondi MT, Diamanti L, Carelli S, **Cereda C**, Pansarasa O. Patients' Stem Cells Differentiation in a 3D Environment as a Promising Experimental Tool for the Study of Amyotrophic Lateral Sclerosis. *International Journal of Molecular Sciences*. doi: 10.3390/ijms23105344
23. Coppedè F, **Cereda C**, Lintas C, Stoccoro A, Editorial: Epigenetics of Neurodevelopmental, Neuromuscular and Neurodegenerative Disorders. *Frontiers in Molecular Neuroscience*. doi: 10.3389/fnmol.2022.948827
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25. Calcaterra V, Vandoni M, Rossi V, Berardo C, Grazi R, Cordaro E, Tranfaglia V, Carnevale Pellino V, **Cereda C**, Zuccotti G. Use of Physical Activity and Exercise to Reduce Inflammation in Children and Adolescents with Obesity. *International Journal of Environmental Research and Public Health*. doi: 10.3390/ijerph19116908
26. Ghezzi, A., Martinelli, I., Carra, S. et al. Missense mutation in ATXN2 gene (c.2860C > T) in an amyotrophic lateral sclerosis patient with aggressive disease phenotype. *Neurological Science* (2022). doi:10.1007/s10072-022-06229-y
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30. Gagliardi S, Truffi M, Tinelli V, Garofalo M, et al. Bisdemethoxycurcumin (BDC)-Loaded H-Ferritin-Nanocages Mediate the Regulation of Inflammation in Alzheimer's Disease Patients. *International Journal of Molecular Sciences*. doi: 10.3390/ijms23169237
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32. Pansarasa O, Mimmi MC, Davin A, Giannini M, Guaita A, **Cereda C**. Inflammation and cell-to-cell communication, two related aspects in frailty. *Immunity & Ageing*. doi: 10.1186/s12979-022-00306-8
33. Mauri A, Duse A, Palm G, Previtali R, Bova SM, Olivotto S, Benedetti S, Coscia F, Veggiotti P, **Cereda C**. Molecular Genetics of GLUT1DS Italian Pediatric Cohort: 10 Novel Disease-Related Variants and Structural Analysis. *International Journal of Molecular Sciences*. doi: 10.3390/ijms232113560
34. Calcaterra V, Verduci E, Vandoni M, Rossi V, et al. The Effect of Healthy Lifestyle Strategies on the Management of Insulin Resistance in Children and Adolescents with Obesity: A Narrative Review. *Nutrients* doi:10.3390/nu14214692
35. Dragoni F, Garau J, Sproviero D, Orcesi S, Varesio C, De Siervi S, Gagliardi S, **Cereda C***, Pansarasa O. Characterization of Mitochondrial Alterations in Aicardi–Goutières Patients Mutated in RNASEH2A and RNASEH2B Genes. *International Journal of Molecular Sciences*. doi: 10.3390/ijms232214482
36. Ferraro S, **Cereda C**, Zuccotti GV, Biganzoli E. Critical appraisal of "choosing which in-hospital laboratory tests to target for intervention: a scoping review". *Clinical Chemistry and Laboratory Medicine*. doi: 10.1515/cclm-2022-1164

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39. Dewan R., **FALS Sequencing Consortium** et al. Pathogenic Huntingtin Repeat Expansions in Patients with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. *Neuron*. doi: 10.1016/j.neuron.2020.11.005
40. Rey F, Messa L, Pandini C, et al. Transcriptome Analysis of Subcutaneous Adipose Tissue from Severely Obese Patients Highlights Deregulation Profiles in Coding and Non-Coding Oncogenes. *International Journal of Molecular Sciences*. doi: 10.3390/ijms22041989
41. Sproviero D, Gagliardi S, Zucca S, Arigoni M, Giannini M, Garofalo M, Olivero M, Dell'Orco M, Pansarasa O, Bernuzzi S, Avenali M, Cotta Ramusino M, Diamanti L, Minafra B, Perini G, Zangaglia R, Costa A, Ceroni M, Perrone-Bizzozero NI, Calogero RA, **Cereda C**. Different miRNA Profiles in Plasma Derived Small and Large Extracellular Vesicles from Patients with Neurodegenerative Diseases. *International Journal of Molecular Sciences*. doi: 10.3390/ijms22052737
42. Antonaci F, Ravaglia S, Grieco GS, et al. Familial hemiplegic migraine type 2 due to a novel missense mutation in ATP1A2. *The Journal of Headache and Pain*. doi: 10.1186/s10194-021-01221-x
43. Garau J, Sproviero D, Dragoni F, Piscianz E, Santonicola C, Tonduti D, Carelli S, Tesser A, Zuccotti GV, Tommasini A, Orcesi S, Pansarasa O, **Cereda C**. Hydroxychloroquine modulates immunological pathways activated by RNA:DNA hybrids in Aicardi-Goutières syndrome patients carrying RNASEH2 mutations. *Cellular & Molecular Immunology*. doi: 10.1038/s41423-021-00657-0

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91. Giannini M, Bordoni M, Pansarasa O, Sproviero D, Gagliardi S, Mimmi MC, Davin A, Guaita A, **Cereda C**. Microvesicles as promising biomarker of frailty. *(1° Extracellular Vesicles Italian Society Symposium. Palermo, Italy. November 6 – 8, 2019).*
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94. Palmieri I, Gagliardi S, Valente M, Zucca S, Davin A, Medici V, Poloni TE, Guaita A, **Cereda C**. Slow and fast decline dementia: genetic, transcriptomic and epigenetic characterization of two related cases. *(All4AD – Alliance for Alzheimer's disease and other dementias. Pavia, Italy. October 4-5, 2019.)*
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97. Garofalo M, Pandini C, Bordoni M, Zucca S, Pansarasa O, Rey F, Carelli S, Gagliardi S, **Cereda C**. Study of divergent gene expression profiles in Alzheimer's disease, Parkinson's disease and Amyotrophic Lateral Sclerosis. **P07/02**; pag. 56. (*18th SINS National Congress. Perugia, Italy. September 26-29, 2019).*
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99. Garau J, Sproviero D, Valente M, Santonicola C, Dragoni F, Pansarasa O, Orcesi S, **Cereda C**. Hydroxychloroquine treatment on lymphoblasts derived from patients with Aicardi-Goutières Syndrome. **P46/1**; pag. 52. (*18th SINS National Congress. Perugia, Italy. September 26-29, 2019).*
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116. Gagliardi S, Sproviero D, Zucca S, Giannini M, Arigoni M, Calogero R, **Cereda C**. Expression profiling in Extracellular Vesicles identifies microRNAs signature in neurodegeneration. P611; pag. 325. (*The 14th International Conference on Alzheimer's and Parkinson's Diseases, AD/PD2019. Lisbon, Portugal. March 26 - 31, 2019*).
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119. Bordoni M, Karabulut E, Kuzmenko V, Fantini V, Pansarasa O, Gatenholm P, **Cereda C**. Innovative 3D neural cell model in a conductive scaffold. P692; pag.239. (*The 14th International Conference on Alzheimer's and Parkinson's Diseases, AD/PD2019. Lisbon, Portugal. March 26 - 31, 2019*).
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179. Valente M, Sproviero D, De Giorgis V, Gagliardi S, Palmieri I, Pansarasa O, Balottin U, Orcesi S, **Cereda C**. Genetic screening and Interferon Signature for diagnosis of Aicardi-Goutières Syndrome in a cohort Italian AGS patients. 33752DN. (*XIX Congresso Nazionale SIGU.Torino, Italia. Novembre 23-26).*
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Data	04/08/2023	Luogo	Borgarello