

CURRICULUM VITAE



INFORMAZIONI PERSONALI

Nome Stefania Mondello

Indirizzo

Telefono

Fax

E-mail

PEC

Nazionalità

Data di nascita

PROFILO PROFESSIONALE

- Area di expertise

Medico e Biostatistico, Professore Universitario di I Fascia, Decano del SSD MED/01-Statistica Medica delle Università Siciliane, coordinatore di laboratori e progetti di ricerca interdisciplinari in neuroscienze traslazionali, con ruolo di principal investigator e co-investigator. L'attività professionale comprende incarichi con responsabilità di progettazione, management e analisi di dati di studi clinici multicentrici, conduzione di indagini statistiche ed epidemiologiche nei settori dell'epidemiologia descrittiva, eziologica e clinica, sviluppo di metodi e strumenti analitici per consentire un'assistenza sanitaria basata sui dati, sviluppo e convalida di modelli clinici prognostici da integrare nella decisione clinica, e valutazione dell'efficacia di metodologie di studi clinici.

Specialista in Medicina Interna con specifiche competenze in Terapia Intensiva (PhD, Università of Messina, Italia) e Biostatistica (MPH, University of Florida, FL, USA)

ESPERIENZA PROFESSIONALE

- Date (da – a)
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
- Tipo di impiego
- Principali mansioni e responsabilità

2021- Presente

Università degli Studi di Messina, Dipartimento di Scienze Biomediche, Odontoiatriche e delle Immagini Morfologiche e Funzionali, Messina, Italia

Sanità

Professore Ordinario

- Partecipazione al disegno -pianificazione dei protocolli e definizione dei piani di analisi statistica - ed all'analisi statistica di studi clinici.
- Sviluppo di metodi e strumenti analitici per consentire un'assistenza sanitaria basata sui dati. Utilizzo di metodi statistici avanzati e di machine learning per sviluppare e convalidare modelli clinici prognostici da integrare nella decisione clinica.
- Valutazione dell'efficacia di metodologie di studi clinici con particolare attenzione all'analisi prognostica, alla caratterizzazione dei dati e all'inferenza causale.
- Sviluppo ed applicazione di metodi e strumenti analitici avanzati, inclusi analisi omica - proteomica, genomica e glicomica- e systems biology, al fine di individuare biomarkers di

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condizioni patologiche da integrare nel processo decisionale medico. Valutazione del ruolo in processi patobiologici complessi ed integrazione clinica di biomarkers per l'ottimizzazione e personalizzazione del management e trattamento del paziente (medicina di precisione), riducendo costi, e migliorando la qualità dell'assistenza e l'outcome del paziente.

- Management e analisi di dati clinici da studi internazionali multicentrici, inclusa l'elaborazione biostatistica dei dati al fine di generare risultati, tabelle, elenchi e grafici da utilizzare per singoli studi
- Conduzione di indagini statistiche ed epidemiologiche nei settori dell'epidemiologia descrittiva, eziologica e clinica, con particolare riferimento al danno cerebrale/trauma cranico.
- Valutazione e sintesi dei risultati e delle evidenze derivanti dagli studi primari attraverso la tecnica statistica della metanalisi
- Creazione e management di database di studi laboratoristici sperimentali e clinici
- Preparazione e valutazione applicazioni per grant
- Preparazione e valutazione articoli scientifici peer reviewed
- Supervisione di co-investigators e personale tecnico

Specifici Ambiti di Ricerca

- Sviluppo metodologie di analisi statistica per la determinazione dell'utilità clinica, diagnostica, prognostica e di monitoraggio, di marcatori biochimici di danno cerebrale.
- Validazione clinica di neurobiomarkers nel trauma cerebrale, ictus ed altre neuropatologie.
- Valutazione dell'associazione di biomarcatori e parametri demografici, clinici e di monitoraggio fisiologico continuo.
- Studio della relazione temporale tra i cambiamenti nei livelli di biomarcatori di danno cerebrale, severità del danno iniziale e gli effetti di un evento secondario ipossiemico associato in pazienti con trauma cranico.
- Assessment dei livelli di biomarkers cronici in seguito a danno cerebrale e la loro relazione con outcome a lungo termine.
- Marcatori biochimici di danno cerebrale in seguito a concussione sportiva.
- Revisioni sistematiche e metanalisi, con particolare focus su revisioni sistematiche di studi diagnostici e Living systematic reviews.

2019- 2021

Università degli Studi di Messina University of Messina, Dipartimento di Scienze Biomediche, Odontoiatriche e delle Immagini Morfologiche e Funzionali, Messina, Italia
Sanità

Professore Associato

2016- 2019

Università degli Studi di Messina University of Messina, Dipartimento di Scienze Biomediche, Odontoiatriche e delle Immagini Morfologiche e Funzionali, Messina, Italia
Sanità

Ricercatore a Tempo Determinato di tipo B - Statistica Medica

2013- 2016

Università degli Studi di Messina University of Messina, Dipartimento di Scienze Biomediche, Odontoiatriche e delle Immagini Morfologiche e Funzionali, Messina, Italia
Sanità

Ricercatore a Tempo Determinato di tipo A

2018- 2019

I.R.C.C.S. Associazione Oasi Maria SS. ONLUS – TROINA, Italia

Per ulteriori informazioni:

<https://orcid.org/0000-0002-8587-3614>

<https://www.linkedin.com/in/stefania-mondello-a72a3519/>

<https://www.scopus.com/authid/detail.uri?authorid=23094881100>

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- Principali mansioni e responsabilità

Sanità

Direttore Biomarker Research and Development

2016- 2019

I.R.C.C.S. Associazione Oasi Maria SS. ONLUS – TROINA, Italia

Sanità

Ricercatore

2013-2019

University of Florida, Department of Anesthesiology, Division of Anesthesia Critical Care Medicine, Gainesville, Florida, USA

Sanità

Courtesy Appointment

2009- 2012

Banyan Biomarkers, Inc., Alachua, Florida, USA

Biotechnology Company

Director of Clinical Research

Ambiti di Ricerca

- Validazione clinica di neurobiomarkers nel trauma cerebrale, ictus ed altre patologie neurologiche e non
- Valutazione dell'utilità di biomarkers per la diagnosi e il management del danno cerebrale
- Ricerca transazionale focalizzata sullo studio di biomarkers in vari biofluidi (microdialisato, fluido cerebro-spinale [CSF] e sangue) in modelli animali e sull'uomo.
- Valutazione dell'effetto del trauma cranico sui livelli di biomarker gliali e neuronali nel fluido cerebro-spinale, sangue e spazio interstiziale utilizzando microdialisi in vivo nell'uomo.
- Microdialisi cerebrale con piattaforme di ricerca in vitro e in vivo
- Identificazione e validazione di specifiche proteine cerebrali markers di neurotossicità da utilizzare come mezzi di screening su ampia scala con rilevanti applicazioni in campo farmacologico e clinico.
- Monitoraggio fisiologico continuo nel paziente con trauma cerebrale

Responsabilità

- Management e analisi di dati clinici da studi internazionali multicentrici, inclusa l'elaborazione biostatistica dei dati utilizzando SAS al fine di generare set di dati analitici, tabelle, elenchi e grafici da utilizzare per singoli studi
- Creazione e management di database di studi laboratoristici sperimentali e clinici
- Supervisione di co-investigatori e personale tecnico
- Preparazione e valutazione applicazioni per grant
- Preparazione e valutazione articoli scientifici peer reviewed

2008- 2012

University of Florida, Department of Anesthesiology, Division of Anesthesia Critical Care Medicine, Gainesville, Florida, USA

Sanità

Research Fellow

Ambiti di Ricerca

- Sviluppo di un approccio per l'analisi dei dati fisiologici monitorati continuamente in

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ISTRUZIONE E FORMAZIONE

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
 - Principali materie / abilità professionali oggetto dello studio
 - Qualifica conseguita

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- Nome e tipo di istituto di istruzione o formazione
 - Principali materie / abilità

ICU

- Analisi delle associazioni tra complicanze secondarie evidenziate con il monitoraggio fisiologico continuo e livelli di biomarcatori di danno cerebrale nel sangue e nel liquido cerebrospinale dei pazienti

Responsabilità

- Preparazione e valutazione articoli scientifici peer reviewed
- Clinical Observer nella Division of Critical Care Medicine and Neuro-Intensive Care Unit (NICU)
- Management e analisi di dati clinici da studi internazionali multicentrici, inclusa l'elaborazione biostatistica dei dati al fine di generare risultati, tabelle, elenchi e grafici da utilizzare per singoli studi e pubblicazioni scientifiche

2021 – 2022

Harvard Medical School, Boston, Massachusetts, United States

CERTIFICATE PROGRAM | Postgraduate Medical Education - Global Clinical Scholars Research Training (GCSRT) Program

Graduated, Capstone with Commendation

2009 – 2012

Università degli Studi di Messina, Messina, Italia e University of Florida, Gainesville, USA

Terapia Intensiva - Nuove tecnologie per il monitoraggio delle funzioni vitali in terapia intensiva

Dissertazione: "Neuronal and Glial Markers are Differently Associated with Computed Tomography Findings and Outcome in Patients with Severe Neurotrauma: Insight into the Pathophysiology of Traumatic Brain Injury"

Dottorato con Menzione di Doctor Europaeus

2009-2011

Public Health and Health Professions, Biostatistics, University of Florida, Gainesville, USA

- Epidemiologia, metodi di regressione multivariata

- SAS per l'analisi della salute pubblica, calcolo biostatistico utilizzando R

- Dissertazione: Risk Adjusted Methodology for Predicting Complications Rate at Level I Trauma Center

MPH, Master of Public Health - Biostatistics

2003-2008

Università degli Studi di Messina, Messina, Italia

Medicina Interna e d'Urgenza

Dissertazione: Nuovi Biomarkers nel Trauma Cerebrale: uno Studio Translazionale

Specializzazione –Medicina Interna e d'Urgenza

2007 – 2008

Istituto Teologico "San Tommaso", Università Pontificia Salesiana, Messina, Italy,

Dissertazione: Questioni Etiche in un'unità di Terapia Intensiva

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<https://orcid.org/0000-0002-8587-3614>

<https://www.linkedin.com/in/stefania-mondello-a72a3519/>

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professionali oggetto dello studio

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- Principali materie / abilità professionali oggetto dello studio

- Qualifica conseguita

- Date (da – a)

- Nome e tipo di istituto di istruzione o formazione

- Qualifica conseguita

LINGUE

MADRELINGUA
ALTRE LINGUA

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

ULTERIORI INFORMAZIONI

ULTERIORI INFORMAZIONI

MBS, Master in Bioetica e Sessuologia (Bioscienze)

1997 – 2003

Università degli Studi di Messina, Messina, Italia

Dissertazione: Bioterapia in Oncoematologia: Talidomide nel Management del Paziente con Mieloma Multiplo

Laurea in Medicina e Chirurgia

1993 – 1997

Liceo Classico “Francesco Maurolico”, Messina, Italia

Maturità Classica

Italiano

Inglese

C2 - Proficient user – eccellente

C2 - Proficient user – eccellente

C2 - Proficient user - eccellente

ABILITA' INFORMATICHE

Software statistici: Vasta esperienza nell'utilizzo di SAS, R, SIMCA, NCSS & PASS, Minitab, Stata and SPSS

Sistemi operativi: Vasta esperienza nell'utilizzo di Microsoft Windows e Apple Macintosh

Office Software: Vasta esperienza nell'utilizzo di Microsoft Office (Word, PowerPoint, Excel, Access, Onenote), esperta nell'uso di Adobe Photoshop, Acrobat e Dreamweaver

Management Bibliografico: Vasta esperienza nell'utilizzo di EndNote, esperta nell'uso di RefWorks

Systematic Review e Metanalisi: Vasta esperienza nell'utilizzo di RevMan and Covidence

ONORI ACCADEMICI, ABILITAZIONI, PREMI E SPECIALI RICONOSCIMENTI

- 2001 Scholarship SISM (International Clerkship Project),
Università di Messina, Facoltà di Medicina e Chirurgia, Messina, Italia
- 2002 Scholarship SISM (International Clerkship Project),
Università di Messina, Facoltà di Medicina e Chirurgia, Messina, Italia
- 2003 Scholarship SISM (National Clerkship Project),
Università di Messina, Facoltà di Medicina e Chirurgia, Messina, Italia
- 2007 Scholarship SIMI “L’Emergenza in Medicina Interna” Roma, Italy
- 2009 Travel Grant Neurotrauma 2009. The Second Joint Symposium of the National

- and International Neurotrauma Societies, 2009 Santa Barbara, CA
- 2010 Vincitrice del Premio Award 2010 -“Honoring Italian Women Scientists and Entrepreneurs in America”
- 2010 **Career Interview, Nature** |Vol. 466|19 August 2010 (<https://www.nature.com/articles/nj7309-1009b>)
- 2010 Invito Speciale, **National Health Research Conference** – Cernobbio (CO), Italia
- 2010 Selezionata come talento del Festival TNT – FESTIVAL DEI GIOVANI TALENTI – Roma, Italia
- 2011 NEUROLOGY Specialty Award, SCCM Congress, 2011, San Diego, CA, USA
- 2011 Revisore per Italian National Research Grant (Ministero della Salute)
- 2011 Eletta Presidente di Bridges to Italy (Florida)
- 2011 Chair del Miami Chapter of ISSNAF (Italian Scientists and Scholars in North America Foundation)
- 2011 Coordinator di Young ISSNAF – Young Investigators Network
- 2011 Prima Classificata Eposter nella categoria TRAUMA AND CRITICAL CARE, AANS Annual Meeting, 2011 Denver, CO, USA
- 2011 Invitata come “**Highly Qualified Young Investigator**” per la valutazione dei progetti di ricerca per il Ministero della Salute, Study Section, Maggio 2011, Roma, Italia
- 2011 Selezionata per essere inclusa tra i **1000 Curricula Eccellenti**, database finanziato dalla Marisa Bellisario Foundation che colleziona curricula di Donne Italiane Altamente Qualificate
- 2011 EUWIIN Special Recognition Award, 27 Maggio 2011, Reykjavik, Islanda
- 2011 Travel Grant. 14th Congress of the European Shock Society, Giardini Naxos (ME), 31 Agosto– 2 Settembre, 2011, Italia
- 2011 NEW INVESTIGATOR AWARDS SESSION. 14th Congress of the European Shock Society, Giardini Naxos (ME), 31 Agosto– 2 Settembre, 2011, Italia
- 2011 NCS Meeting Travel Grant Award - 9th Annual Meeting, Neurocritical Care Society, 21-24 Settembre, 2011, Montréal, QC, Canada
- 2011 Membro di Bridges to Italy's Advisory Board
- 2011 Articolo evidenziato come “Altamente Consultato” in Critical Care
- 2011 Selezionata per “Young Brains”, Annuale dei 150 “Migliori Giovani Investigatori Italiani” che hanno ricevuto premi per la loro ricerca, promosso dal Consiglio Nazionale delle Ricerche (CNR) e dalla Conferenza dei Rettori delle Università Italiane (CRUI)
- 2012 Menzione **Doctor Europaeus**
- 2012 Esperto Valutatore Esterno per “7TH FRAMEWORK PROGRAMME FOR RESEARCH– HEALTH – AREA “BRAIN AND RELATED DISEASES”
- 2013 Esperto Valutatore Esterno per “7TH FRAMEWORK PROGRAMME FOR RESEARCH– HEALTH – AREA “BRAIN AND RELATED DISEASES”
- 2013 Articolo evidenziato in Toxicological Sciences (doi: 10.1093/toxsci/kfs224) e usato come cover page del giornale
- 2013 Articolo evidenziato nella sezione “In Focus” di Neurology

- 2013 Abstract presentato al Blue Ribbon Highlights Session da Matthew B. Stern
- 2013 Articolo evidenziato su www.MDLinx.com
- 2014 INTS2014 Travel Grant. The 11th Symposium of the International Neurotrauma Society. Budapest, Ungheria. 19- 23 Marzo, 2014.
- 2014 Young Investigator (YI) competition. the 2014 Military Health System Research Symposium (MHSRS), 18-21 Agosto 2014, USA
- 2015 Membro invitato alla prima TBI Endpoints (TED) Consensus Conference, NIH Campus, 2-3 Febbraio, 2015
- 2016 Scholarship Erasmus Programme+
- 2016 Speaker invitato agli Stati Generali della Ricerca, Ministero della Salute, Roma 28 Aprile, Italia
- 2016 Insignita del 'Certified Sentinel of Science Award', come uno tra i maggiori (top 10%) ricercatori impegnato nel processo di revisione tra pari nel campo della Medicina
- 2016 Membro del Moody TBI Symposium
- 2017 Vincitrice del Research and Mobility
- 2017 Membro dell "Accademia Peloritana dei Pericolanti"
- 2017 Biostatistical Manager per l'I.R.C.C.S. Associazione Oasi Maria SS. ONLUS – TROINA
- 2017 Membro del SISMEC WORKING GROUP NEBICE
- 2017 Membro del Collegio dei Docenti del Dottorato in "BIOLOGIA APPLICATA E MEDICINA SPERIMENTALE"
- 2017 Invitata come Vice Chair per il programma FET OPEN RIA (HORIZON 2020 FET OPEN) dalla Research Executive Agency (REA) - EUROPEAN COMMISSION
- 2017 Conseguimento Abilitazione Scientifica Nazionale alle funzioni di Professore di II Fascia (ASN 2016/2018, 3° quadrimestre) SC 06/M1
- 2018 Invitata come Vice Chair per il programma FETOPEN-01-2018-2019-2020: FET-Open Challenging Current Thinking, part of the Future and Emerging Technologies (FET) (HORIZON 2020) dalla Research Executive Agency (REA) -EUROPEAN COMMISSION
- 2018 **Co-Chair eletta dell' InTBIR Biomarker Work Group** (<https://intbir.nih.gov/node/39>)
- 2018 Initata Opening Lecture at the 23rd Annual EMN Congress (Euroacademia Multidisciplinaria Neurotraumatologica)
- 2018 Membro Selezionato della "**Global Young Academy (GYA)**"
- 2018 Insignita del **Wayne Hening Young Investigator Award**
- 2018 Articolo evidenziato in "In Focus" of Neurology
- 2018 Selezionata per partecipare al programma **Young Physician Leaders (YPL)** organizzato dalla InterAcademy Partnership (IAP) for Health e al World Health Summit
- 2018 Membro del Moody TBI Symposium
- 2019 Membro dell "Euroacademia Multidisciplinaria Neurotraumatologica (EMN)"
- 2019 Riconosciuta come "World Expert in Brain Injuries" da Expertscape (in the top 0.1% of scholars writing about Brain Injuries over the past 10 years -

<http://www.expertscape.com/ex/brain+injuries>)

- 2020 Membro selezionato del **Beta Upsilon Chapter** della **Delta Omega, the Honorary Society of Public Health**
- 2020 Membro invitato dell'European Science Foundation (ESF) College of Expert Reviewers
- 2020 Membro invitato GYA Rapporteur dell' ALLEA-GYA-STM expert roundtables on peer review
- 2020 Membro del Clinical and Scientific Advisory Board di ZelosDx
- 2020 Conseguimento Abilitazione Scientifica Nazionale alle funzioni di Professore di I Fascia (ASN 2018/2020, 4° quadrimestre) SC 06/M1
- 2021 Selezionata per il Foundations of Clinical Research (FCR) program (CERTIFICATE PROGRAM) all' Harvard Medical School
- 2021 Selezionata per il Global Clinical Scholars Research Training (GCSRT) program (CERTIFICATE PROGRAM) all' Harvard Medical School
- 2021 Membro dell' International Neurotrauma Society (INTS) Scientific Advisory Board
- 2021 Membro selezionato del FWO Review College (panels 2022 – 2024)
- 2021 Membro selezionato del Med5 Project panel on Neuroscience, Clinical Neurology, Psychiatry, Musculoskeletal Research, Rheumatology, Orthopedics and Dermatolog (panels 2022 – 2024)
- 2022 Membro selezionato del GENDERACTIONplus consultation project on tackling gender-based violence in academia
- 2022 Associate Member (AM) Alumni Status Harvard Alumni Association (HAA)
- 2022 Tesoriere dell'European Neurotrauma Organization (ENO)
- 2023 Advisory Member del Critical Path for Duchenne Regulatory Science's Consortium (D-RSC)
- 2023 Membro invitato del NIH-sponsored post-traumatic epilepsy (PTE) Common Data Elements (CDEs) Working Group
- 2023 Membro del Consiglio Direttivo della Società Italiana di Statistica Medica ed Epidemiologia Clinica (SISMEC)
- 2023 Membro invitato del NIH-sponsored Blood-based Biomarkers- Acute, Subacute, and Chronic Working Group
- 2023 Membro invitato e GYA Rapporteur dell' ALLEA-GYA-STM expert roundtables on peer review
- 2023 Co-Chair dell'IntBIR Data Science and Harmonisation Work Group (<https://intbir.incf.org/working-groups>)

PRESENTAZIONI (TOTALE 64)

- 2010 Advanced Technology Applications for Combat Casualty Care (ATACCC)
TBI Biomarkers: Diagnosis in the Hands of the Warfighter
St Pete Beach, FL, USA (Agosto)
- 2010 Meeting & Award ITWIIN
Biomarkers of brain injury: the potential utility for diagnosis, prognosis and management of TBI patients

- Bari, Italia Giugno)
- 2010 Opening Ceremony Bridges to Italy – Italia
The secrets of success of tech startups in USA
Rende (CZ), Italia (Luglio)
- 2010 Invited Consulting
DoD, Department of Applied Neurobiology, Division of Psychiatry and Neuroscience, Walter Reed Army Institute of Research
Silver Spring, MD, USA (Novembre)
- 2011 40th Critical Care Congress
Microtubule-Associated Protein-2: A New Sensitive and Specific Marker for Traumatic Brain Injury
San Diego, CA, USA (Gennaio)
- 2011 Department of Anatomy, School of Medicine, Neuroscience Seminar
Different Biomarker Profiles Reveal Potentially Distinct Pathological Mechanisms Contributing To Severe Traumatic Brain Injury
Virginia Commonwealth University, Richmond, USA (Aprile)
- 2011 10th International Neurotrauma Symposium
Role of serum biomarkers in individuals in coma or vegetative state after traumatic brain injury
Shanghai, Cina (29 Aprile)
- 2011 10th International Neurotrauma Symposium
Clinical studies of the utility of serum biomarkers for diagnosis prognosis and management of TBI
Shanghai, Cina (30 Aprile),
- 2011 6th International Conference on Biochemical Markers for Brain Damage
Chronic sustained elevations of MAP-2 in serum of patients after Traumatic Brain Injury
Lund, Svezia (Maggio)
- 2011 NINDS Workshop on Therapy Development for Diffuse Axonal Injury
What new approaches and tools are available for therapy development for DAI? Biomarkers
Hilton Rockville Hotel, Rockville, USA (Maggio)
- 2011 The Miami Project to Cure Paralysis, University of Miami Miller School of Medicine, Dr. Dalton Dietrich's Lab meeting
Brain Biomarkers in Microdialysate: Rat Model of Traumatic Brain Injury, with Secondary Hypoxemic Insult
Lois Pope Life Center, Miami, FL, USA (Giugno)
- 2011 XIV Congress of the European Shock Society
Neuronal and Glial Markers in Microdialysate after Traumatic and Hypoxemic Brain Injury in Rats
Taormina, Giardini Naxos, Italia (Settembre)

- 2011 American Heart Association. Scientific Sessions 2011
Glial Fibrillary Acidic Protein, a Sensitive and Specific Marker in Serum for the Identification of Intracerebral Hemorrhage in Acute Stroke Patients: Results of Improved Assay Performance
Orange County Convention Center, Orlando, USA (Novembre)
- 2011 2nd Annual TBI Workshop
Serum biomarkers and neuroimaging: complimentary approaches to diagnosing traumatic brain injury
Wayne State University, Detroit, MI, USA (Novembre)
- 2012 International Conference on Computational Biomedicine
Clinical Studies of the Utility of Multimodal monitoring and Brain Biomarkers in Neurotrauma Patients
University of Florida, Gainesville, FL, USA (Febbraio)
- 2013 6th Pannonian Symposium on Central Nervous System Injury
Biomarkers in mild TBI
University of Pecs, Pecs, Ungheria (Aprile)
- 2013 6th MHSRS - The 2013 meeting of the Medical Health Service Research Symposium
Characterization of TBI Models and Evaluation of Efficacy of Nicotinamide, Erythropoietin, and Cyclosporine-A using Serum Biomarkers: Results from Operation Brain Trauma Therapy
Fort Lauderdale, Florida, USA (Agosto)
- 2013 12th European Congress of Internal Medicine
Novel Sensitive Assay Improves Diagnostic Accuracy of Serum GFAP for the Identification of Intracerebral Hemorrhage in Acute Stroke Patients
Prague, Repubblica Ceca (Ottobre)
- 2013 ESICM LIVES 2013, 26th Annual Congress
CSF and Plasma Amyloid- β Temporal Profiles and Relationships with Neurological Status and Mortality after Severe Traumatic Brain Injury: Results of a Pilot Study
Paris, Francia (Ottobre)
- 2013 Master I Level, Management dell'Emergenza e delle Maxiemergenze
Novel Brain Injury Biomarkers of Traumatic Brain Injury
Messina, Italia (Novembre)
- 2014 INTS 2014 - The 11th Symposium of the International Neurotrauma Society
Characterization of TBI Models and Evaluation of Efficacy of Nicotinamide, Erythropoietin, and Cyclosporine-A using Serum Biomarkers: Results from Operation Brain Trauma Therapy
Budapest, Ungheria (Marzo)
- 2014 The 4th Annual Traumatic Brain Injury Conference
Emerging Role of Blood Biomarkers in TBI Clinical Trials: Initial Findings from the Phase II INTREPID2566 Trial

Washington, DC, USA (Aprile)

- 2014 3rd International Workshop on Synaptic Plasticity: from bench to bedside
Sirtuin Expression in Human Gliomas
Milazzo, Italia (Giugno)
- 2014 The 2014 Military Health System Research Symposium (MHSRS)
Emerging Role of Blood Biomarkers in TBI Clinical Trials: Initial Findings from the Phase II INTREPID2566 Trial
Fort Lauderdale, Florida, USA (Agosto)
- 2014 Webinar – Cambridge Healthtech Institute.
Correlation of Brain Biomarker Measurements in Plasma and CSF using a Novel Single-Molecule Immunoassay Technology to Study Neurodegenerative Disease
(Dicembre)
- 2015 Symposium – The Sapienza University of Rome
Biomarkers of Brain Injury for Diagnosis, Management and Prognosis of TBI Patients
Rome, Italia (Giugno)
- 2015 33rd Annual Symposium of the National Neurotrauma Society
OPERATION BRAIN TRAUMA THERAPY: THE THRILL OF VICTORY AND THE AGONY OF DEFEAT
Santa Fe, New Mexico, USA (Giugno)
- 2015 The 2015 Military Health System Research Symposium (MHSRS)
Biomarker profiles support a neuroprotective effect of Levetiracetam in TBI: findings from Operation Brain Trauma Therapy
Fort Lauderdale, Florida, USA (Agosto)
- 2015 BMBD Biochemical Markers for Brain Damage
Amyloid- β in CSF and plasma of patients with severe TBI: a pilot study
Lund, Svezia (Settembre)
- 2016 INTS 2016 - The 12th Symposium of the International Neurotrauma Society
The Potential Utility of Brain Injury Biomarker In Pre-clinical Drug Screening By Operation Brain Trauma Therapy
Cape Town, Sud Africa (Febbraio)
- 2016 INTS 2016 - The 12th Symposium of the International Neurotrauma Society
Circulating Brain Damage Markers for The Diagnosis and Outcome Prediction of Traumatic Brain Injuries
Cape Town, Sud Africa (Febbraio)
- 2016 Stati Generali della Salute, Ministero della Salute
Novel Biomarkers for Improved Characterization, Disease Tracking and Outcome Prediction in Traumatic Brain Injury
Rome, Italia (Aprile)
- 2016 Symposium on Traumatic Brain Injury – Celebrating Professor Ronald L.

- Hayes
Biomarkers of brain injury – what did we learn from Gainesville?
Pecs, Ungheria (Novembre)
- 2017 The Traumatic Brain Injury Conference
Circulating Brain Damage Markers for the Diagnosis of Traumatic Brain Injury: the questions you never dared to ask
Washington, DC, USA (Maggio)
- 2017 35th Annual National Neurotrauma Symposium (Neurotrauma 2017)
Circulating GFAP Levels to Monitor Therapeutic Response to Glibenclamide in a Rat Model of Cortical Contusion Injury: Findings from Operation Brain Trauma Therapy
Snowbird, UT, USA (Luglio)
- 2017 7th Pannonian Symposium on CNS injury
Harmonisation and systematic approach to the sophisticated use of biomarkers in the field of Traumatic Brain Injury
Pécs, Ungheria (Agosto)
- 2017 EANS2017
Clinical studies of the utility of blood-based protein biomarker as diagnostic signatures for traumatic brain injury
Venice, Italia (Ottobre)
- 2017 First Regional Symposium in Neuroethics
Balance between Professional Life and Persona Conviction
Cairo, Egitto (Novembre)
- 2018 23rd Annual Euroacademia Multidisciplinaria Neurotraumatologica (EMN) Congress
Opening Lecture "Translational research projects in traumatic brain injury"
Pees, Ungheria (Maggio)
- 2018 International RLS Study Group Annual Meeting 2018
Identification of Novel Candidate Biomarkers for RLS by Proteomic Analysis
Baltimore, MD, USA (Giugno)
- 2018 IBRO-ARC – Translational Neuroscience School
Neuroscience on Metabolism in Mind: African Insights into the Gut-Brain Axis
Translating Experimental Research into Successful Clinical Trials & Practice - Lessons Learned from the Operation Brain Trauma Therapy
Cairo, Egitto (Giugno)
- 2018 IBRO-ARC – Translational Neuroscience School
Neuroscience on Metabolism in Mind: African Insights into the Gut-Brain Axis
Novel Biomarkers for neurological disorders
Cairo, Egitto (Giugno)
- 2018 Moody Project Seminar Series
Overcoming Translational Barriers in in Traumatic Brain Injury. Can Dreams

- Come True?*
Galveston, USA (Luglio)
- 2018 41th Annual meeting of the Japan Neuroscience Society (JNS)
Blood based analysis of biomarkers for TBI: beliefs and evidence to support changes in clinical practice
Kobe, Giappone (Luglio)
- 2018 International Neurotrauma Society (INTS) - NeuroTrauma 2018
Moving from Estimates to Clinical Impact: a Systematic Analysis of the Use of Blood-based Biomarkers in the Field of Traumatic Brain Injury
Toronto, Canada (Agosto)
- 2018 SYMPOSIUM OF THE "INTERNATIONAL REM SLEEP BEHAVIOR STUDY GROUP (IRBDSG)"
Blood-Based Proteomics and Metabolomics in RBD
Munich, Germania (Settembre)
- 2018 XLIX Annual Meeting of the Italian Society of Neurology (SIN)
Blood-Based Proteomics and Metabolomics in RBD
Roma, Italia (Ottobre)
- 2018 Neuroscience School and Conference of the International Brain Research Organization Middle East and North Africa (IBRO-MENA) - A PUBLIC HEALTH IMPERATIVE FOR MENA: NEUROSCIENCE & NEUROLOGICAL DISORDERS RESEARCH AND PRACTICE
Translating Experimental TBI Research into Successful Clinical Trials & Practice – Lessons Learned from the Operation Brain Trauma Therapy
Cairo, Egitto (Novembre)
- 2019 24th EUROACADEMIA MULTIDISCIPLINARIA NEUROTRAUMATOLOGICA (EMN) Annual Congress
Keynote lecture: Biomarkers of TBI – Current Knowledge. State of the Art –
Warsaw, Polonia (Maggio)
- 2019 First International Symposium on Traumatic Brain Injury at LMU
Fluid Biomarkers of mild TBI: an Invaluable Tool for Clinical Diagnosis. Has the Time Arrived?
Monaco, Germania (Luglio)
- 2019 IBRO-MENA Annual Advanced Research School and Conference
Clinical Biomarkers of TBI
Beiruth, Libano (Ottobre)
- 2019 International Initiative for Traumatic Brain Injury Research (InTBIR)- InTBIR Phase 2: Building on Collaborations
Developing new collaborations – Panel discussions / Biomarkers I & II: Synergizing Neuroimaging and Biofluid Biomarkers discussion - *Standardizing blood biomarker measurements for use in TBI to identify clinical cutoffs & cross-study comparisons (Discussant)*
Washington, DC, USA (Ottobre)

- 2019 IBRO-MENA Annual Advanced Research School and Conference
Emerging Biomarkers in TBI: From Pathophysiological Pathways to Clinical Application
Beiruth, Libano (Dicembre)
- 2020 The Virtual 16th World Congress on Public Health
Mapping urban segregation and health disparities: a case study of two slums in Messina (Sicily)
Virtual meeting (Ottobre)
- 2021 International Neurotrauma Society Symposium in 2020
Circulating Extracellular Vesicles in Traumatic Brain Injury: Temporal Profile, Outcome Prediction and Therapy Implications
Melbourne, Australia - Virtual meeting (Febbraio)
- 2021 VI Brazilian Congress of Neurological Intensive Care Medicine
Biomarkers of Brain Injury - Has the Time Arrived for Clinical Implementation?
Virtual meeting (Giugno)
- 2021 University of Birmingham Global Neuro Webinar
From Bench to Bedside: a Systematic Analysis of the Clinical Utility of Blood-based Protein Biomarker as Diagnostic Tool for Traumatic Brain Injury
Virtual meeting (Settembre)
- 2021 IBRO-APRC School (Virtual) - Neuromics: The Yin-Yang Aspect in Translational Neuroscience
TBI and PD: What is The Interplay?
Virtual meeting (Settembre)
- 2021 EANS Webinars – The EANS trauma Section
Reliability and Clinical Relevance of Biomarker Studies in Traumatic Brain Injury - A Critical Appraisal
Virtual meeting (Ottobre)
- 2021 Israeli Resident University of Birmingham Global Neuro Webinar
From Bench to Bedside: a Systematic Analysis of the Clinical Utility of Blood-based Protein Biomarker as Diagnostic Tool for Traumatic Brain Injury
Virtual meeting (Novembre)
- 2022 33° SMART MEETING - Smart Meeting Anesthesia Resuscitation inTensive care
Biomarkers of Injury: Bedside Utility
Milano, Italia (Maggio)
- 2022 International Neurotrauma Society (INTS) - NeuroTrauma 2022
Critical assessment of biomarker-related scientific information
Berlino, Germania (Luglio)
- 2022 International Symposium on Intracranial Pressure and Brain Monitoring (ICP)
Clinical and laboratory neuroscience: victories of bench-to-bedside research on the injured brain

Cape Town, Sud Africa (Novembre)

- 2023 American Academy of Neurology meeting - "Neuroscience in the Clinic"
Biomarkers of Injury: Bedside Utility
Boston, MA, USA (Aprile)
- 2023 United2Act Summit on papermills
The Italian Academic Perspective
Virtual (Maggio)

COMMISSIONI VALUTAZIONE GRANT, GRANT REVIEWER

- 2011 Ministero della Salute (Italian Ministry of Health - MoH)
Bando ricerca finalizzata/Giovani Ricercatori 2009
(*Revisore Esterno*)
- 2011 Ministero della Salute (Italian Ministry of Health - MoH)
Membro della Study Section per la valutazione dei progetti GIOVANI
RICERCATORI BANDO GIOVANI RICERCATORI 2009
(*Revisore Interno*)
Ministero della Salute, Roma, Italia (2-4, Maggio)
- 2012 Ministero della Salute (Italian Ministry of Health - MoH)
Bando ricerca finalizzata/Giovani Ricercatori 2010
(*Revisore Esterno*)
- 2012 Ministero della Salute (Italian Ministry of Health - MoH)
Membro della Study Section per la valutazione dei progetti GIOVANI
RICERCATORI
BANDO GIOVANI RICERCATORI 2010
(*Revisore Interno-Panel Member*)
Ministero della Salute, Roma, Italia (2-5, Maggio)
- 2012 Ministero della Salute (Italian Ministry of Health - MoH)
Membro della Study Section per la valutazione dei PROGETTI
COFINANZIATI
BANDO PROGETTI COFINANZIATI 2010
(*Revisore Interno-Panel Member*)
Ministero della Salute, Roma, Italia (3, Maggio)
- 2012 EUROPEAN COMMISSION
DIRECTORATE GENERAL FOR RESEARCH & INNOVATION
7TH FRAMEWORK PROGRAMME FOR RESEARCH- HEALTH – AREA
"BRAIN AND RELATED DISEASES"
(*Revisore Esterno*)
- 2012 EUROPEAN COMMISSION
DIRECTORATE GENERAL FOR RESEARCH & INNOVATION
7TH FRAMEWORK PROGRAMME FOR RESEARCH- HEALTH – AREA
"BRAIN AND RELATED DISEASES"
Consensus Group meeting
(*Revisore Interno*)
Brussels, Belgio (15-16, Novembre)
- 2013 EUROPEAN COMMISSION
DIRECTORATE GENERAL FOR RESEARCH & INNOVATION

7TH FRAMEWORK PROGRAMME FOR RESEARCH- HEALTH – AREA
"BRAIN AND RELATED DISEASES"
(*Revisore Esterno*)

- 2013 EUROPEAN COMMISSION
DIRECTORATE GENERAL FOR RESEARCH & INNOVATION
7TH FRAMEWORK PROGRAMME FOR RESEARCH- HEALTH – AREA
"BRAIN AND RELATED DISEASES"
Consensus Group meeting
(*Revisore Interno*)
Brussels, Belgio (22, Marzo)
- 2013 Ministero della Salute (Italian Ministry of Health - MoH)
BANDO RICERCA FINALIZZATA 2011-2012
(EDITOR Peer Review Process)
- 2014 Epilepsy Research UK
(*Revisore Esterno*)
- 2014 The Swiss National Science Foundation
(*Revisore Esterno*)
- 2014 National Health & Medical Research Council (NHMRC)
(*Revisore Esterno*)
- 2014 Università di tor Vergata
(*Revisore Esterno*)
- 2015 The Swiss National Science Foundation
(*Revisore Esterno*)
- 2015 The National Institute for Health Research (NIHR), UK
(*Revisore Esterno*)
- 2015 The American University of Beirut, Lebanon
(*Revisore Esterno*)
- 2016 The Swiss National Science Foundation
(*Revisore Esterno*)
- 2016 EUROPEAN COMMISSION
HORIZON 2020
FET OPEN RIA
(*Revisore Esterno*)
- 2016 Parkinson's UK
(*Revisore Esterno*)
- 2017 The American University of Beirut, Lebanon
(*Revisore Esterno*)
- 2017 EUROPEAN COMMISSION
HORIZON 2020
FET OPEN RIA
(*Revisore Esterno*)
- 2017 The 25th TV3 Marató on Strokes and traumatic spinal cord and brain injury
Fundacio La Marató de TV3

- Agency for Health Quality and Assessment of Catalonia (AQuAS)
(*Revisore Esterno*)
- 2017 ELA International
(*Revisore Esterno*)
- 2018 EUROPEAN COMMISSION - HORIZON 2020
Innovative Medicines Initiative (IMI) - Call 13, Topic 11 Topic 11 - Translational Safety Biomarker Pipeline (TransBioLine): Enabling development and implementation of novel safety biomarkers in clinical trials and diagnosis of disease.
(*Esperto Indipendente*) (Marzo)
- 2018 EUROPEAN COMMISSION - HORIZON 2020
Innovative Medicines Initiative (IMI) - Call 13, Topic 11 Topic 11 - Translational Safety Biomarker Pipeline (TransBioLine): Enabling development and implementation of novel safety biomarkers in clinical trials and diagnosis of disease.
Consensus Group meeting
(*Revisore Interno - Rapporteur*)
Brussels, Belgium (19-20, Marzo)
- 2018 Parkinson's UK
(*Revisore Esterno*)
- 2018 EUROPEAN COMMISSION - HORIZON 2020
Innovative Medicines Initiative (IMI) - Call 13, Topic 11 Topic 11 - Translational Safety Biomarker Pipeline (TransBioLine): Enabling development and implementation of novel safety biomarkers in clinical trials and diagnosis of disease.
(*Esperto Indipendente*) (Settembre)
- 2018 EUROPEAN COMMISSION - HORIZON 2020
Innovative Medicines Initiative (IMI) - Call 13, Topic 11 Topic 11 - Translational Safety Biomarker Pipeline (TransBioLine): Enabling development and implementation of novel safety biomarkers in clinical trials and diagnosis of disease.
Consensus Group meeting
(*Revisore Interno - Panel Member*)
Brussels, Belgio (27, Settembre)
- 2018 EUROPEAN COMMISSION - HORIZON 2020
Societal Challenge 1 - RIA Research and Innovation action - Topic: SC1-BHC-01-2019: Understanding causative mechanisms in co- and multimorbidities combining mental and non-mental disorders.
(*Esperto Indipendente*) (Novembre)
- 2018 EUROPEAN COMMISSION - HORIZON 2020
Societal Challenge 1 - RIA Research and Innovation action - Topic: SC1-BHC-01-2019: Understanding causative mechanisms in co- and multimorbidities combining mental and non-mental disorders.
Consensus Group meeting
(*Revisore Interno - Panel Member - Rapporteur*)
Brussels, Belgio (26-30 Novembre)
- 2019 Invitata dal Leading Fellows Programme Office come reviewer per il LEaDing

Fellows Postdocs Programme - Horizon2020 Marie Skłodowska-Curie
COFUND scheme
(*Revisore Esterno*)

- 2018 Invitata dalla Research Executive Agency (REA) - EUROPEAN COMMISSION
– come Vice Chair per il FETOPEN-01-2018-2019-2020: FET-Open
Challenging Current Thinking - Future and Emerging Technologies (FET)
programme (HORIZON 2020)
(*Vice Chair*)
- 2019 Expert Reviewer of "la Caixa" Banking Foundation's Research calls
(*Revisore Esterno*)
- 2019 European Science Foundation / Research Foundation Flanders (Fonds voor
Wetenschappelijk Onderzoek – Vlaanderen - FWO)
FWO Call for Junior and Senior Research Projects
(*Revisore Esterno*)
- 2019 European Science Foundation / Research Foundation Flanders (Fonds voor
Wetenschappelijk Onderzoek – Vlaanderen - FWO)
FWO Call for Junior and Senior Research Projects
(*Revisore Esterno*)
- 2019 Invitata dalla Research Executive Agency (REA) - EUROPEAN COMMISSION
– come Vice Chair per il FETOPEN-01-2018-2019-2020: FET-Open
Challenging Current Thinking - Future and Emerging Technologies (FET)
programme (HORIZON 2020)
(*Vice Chair*)
- 2019 French Healthcare Ministry
Proposals PHRC [Programme hospitalier de recherche Clinique] 2019
(*Esperto Indipendente*)
- 2020 "La Caixa" Banking Foundation's Research calls
(*Revisore Esterno*)
- 2020 Invitata dalla Research Executive Agency (REA) - EUROPEAN COMMISSION
to serve as Vice Chair for the FETOPEN-01-2018-2019-2020: FET-Open
Challenging Current Thinking - Future and Emerging Technologies (FET)
programme (HORIZON 2020)
(*Vice Chair*)
- 2020 Dutch Research Council Domain Applied and Engineering Sciences (NWO
Domain AES)
(*Revisore Esterno*)
- 2021 Ministero dell'Università e della Ricerca (MUR)
FONDO INTEGRATIVO SPECIALE PER LA RICERCA (FISR) 2020
(*Revisore Esterno*)
- 2021 European Science Foundation (ESF) / Research Foundation Flanders (Fonds
voor Wetenschappelijk Onderzoek – Vlaanderen - FWO)
FWO Post-doctoral projects
(*Revisore Esterno*)

- 2021 "La Caixa" Banking Foundation's Research calls
(*Revisore Esterno*)
- 2021 Invitata dalla EUROPEAN COMMISSION come Vice Chair for the European Innovation Council (EIC) Pathfinder call
(*Vice Chair*)
- 2021 Czech Science Foundation
(*Revisore Esterno*)
- 2021 Invitata dalla EUROPEAN COMMISSION come Quality Controller per il European Innovation Council (EIC) TRANSITION OPEN call - HORIZON-EIC-2021-TRANSITIONOPEN-01
(*Vice Chair Quality Controller*)
- 2021 Invitata dalla EUROPEAN COMMISSION come Quality Controller per il PATHFINDER CHALLENGES - Call HORIZON-EIC-2021-PATHFINDERCHALLENGES-01 – Tools to measure & stimulate activity in brain tissue
(*Vice Chair Quality Controller*)
- 2022 "La Caixa" Banking Foundation's Research calls
(*Revisore Esterno*)
- 2022 European Research Council Executive Agency (ERCEA)
ERC Consolidator Grant 2022 (ERC-2022-CoG) - STEP 1
(*Revisore Interno*)
- 2022 European Research Council Executive Agency (ERCEA)
ERC Consolidator Grant 2022 (ERC-2022-CoG) - STEP 1
(*Revisore Interno - Panel Member*)
- 2022 Invitata dalla EUROPEAN COMMISSION come Quality Controller per il PATHFINDER CHALLENGES - Call HORIZON-EIC-2021-PATHFINDERCHALLENGES-01
(*Vice Chair Quality Controller*)
- 2022 The Swiss National Science Foundation
(*Revisore Esterno*)
- 2022 European Science Foundation (ESF) / Research Foundation Flanders (Fonds voor Wetenschappelijk Onderzoek – Vlaanderen - FWO)
FWO expert panel Med5RP
(*Revisore Interno - Panel Member*)
- 2022 Invitata dalla EUROPEAN COMMISSION come Cross Reader Quality Controller for the HORIZON-EIC-2022-PATHFINDEROPEN-01
(*Cross Reader Quality Controller (CRQC)*)
- 2022 Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)
Call for grants to support the scientific activity of research groups in Catalonia (SGR-Cat 2021)

(*Revisore Esterno*)

- 2022 European Science Foundation (ESF) / Research Foundation Flanders (Fonds voor Wetenschappelijk Onderzoek – Vlaanderen - FWO)
FWO expert panel Med5RP
(*Revisore Interno - Panel Member*)
- 2022 European Research Council Executive Agency (ERCEA)
ERC Consolidator Grant 2022 (ERC-2022-CoG) - STEP 2
(*Revisore Interno*)
- 2022 European Research Council Executive Agency (ERCEA)
ERC Consolidator Grant 2022 (ERC-2022-CoG) - STEP 2
(*Revisore Interno - Panel Member*)
- 2022 Horserace Betting Levy Board (HBLB)
Equine Veterinary Research Projects
(*Revisore Esterno*)
- 2022 Invitata dalla EUROPEAN COMMISSION come Quality Controller per l'EIC PATHFINDER CHALLENGES 2022
(*Quality Controller*)
- 2023 Invitata dalla EUROPEAN COMMISSION come Quality Controller for the EIC Pathfinder OPEN 2023
(*Quality Controller*)
- 2023 The European Science Foundation – Science Connect (www.esf.org)
MIDEX International Research and Training (Focus1)
(*Revisore Esterno*)
- 2023 Agency for Health Quality and Assessment of Catalonia
31st TV3 Marató on Cardiovascular Health
(*Revisore Esterno*)

ORGANIZZAZIONE CONVEGNI, MODERATRICE

- 2011 10th International Neurotrauma Symposium
Stefania Mondello, Kevin Wang, ShuYuan Yang.
Biomarkers and Novel approaches to Monitoring
Shanghai, Cina (30, Aprile)
- 2012 30th Annual National Neurotrauma Symposium, including the AANS/CNS Section on Neurotrauma and Critical Care
TBI IN MILITARY OPERATIONS
Phoenix, Arizona, USA (23, Luglio)
- 2014 11th Symposium of the International Neurotrauma Society
Poster Session, *Assessing and Predicting Outcome*
Budapest, Ungheria (Marzo)
- 2016 Fostering Female Leadership through Role Models in Research, Company and Business

Round table moderator: The Role Model Effect: Women Leaders in Research
Bari, Italia (14, Maggio)

- 2017 Fostering Female Leadership through Role Models in Research, Company and Business
The Traumatic Brain Injury Conference
Washington, DC, USA (Maggio)
- 2017 EANS2017
S. Mondello, G. Pavesi.
Sessione: Oral Presentations
Venezia, Italia (Ottobre)
- 2019 X National Conference SISMEC
S. Mondello, S.N. Calza.
Poster Moderator
Roma, Italia (Settembre)
- 2019 IBRO-MENA Annual Advanced Research School and Conference
SESSIONE: Clinical Impact and Management of Traumatic Brain Injury
Moderators: Dr. Ibrahim Omeis and Dr. Stefania Mondello
Beiruth, Libano (Ottobre)
- 2020 GYA Rapporteur dell' ALLEA-GYA-STM expert roundtables on peer review
- 2021 International Neurotrauma Society Symposium in 2020
Workshop Chairs: Denes Agoston & Stefania Mondello
Technical Workshop "Protein Biomarkers in TBI"
Chairs: D. Agoston and S. Mondello
Melbourne, Australia (Aprile)
- 2021 Global Neuro Webinar
Biomarkers in Traumatic Brain Injury
Chairs: A. Buki and S. Mondello
Virtual meeting (Dicembre)
- 2022 39th Annual National Neurotrauma Symposium, including the AANS/CNS
Section on Neurotrauma and Critical Care
*Strategic Roadmap for Implementing TBI biomarkers in a Real-World Clinical
Setting: Perspectives from the International Initiative for Traumatic Brain Injury
Research (InTBIR) Biomarker Work Group*
Chairs: S. Mondello ad A. Puccio
Atlanta, USA (Giugno)
- 2022 International Neurotrauma Society (INTS) - NeuroTrauma 2022
Symposium: Biomarkers of traumatic brain and spinal cord injury
Chairs: S. Mondello ad A. Puccio
Berlino, Germany (Luglio)
- 2022 International Symposium on Intracranial Pressure and Brain Monitoring (ICP)
Clinical and laboratory neuroscience: victories of bench-to-bedside research

on the injured brain
Cape Town, Sud Africa (Novembre)

BREVETTI

2014 US Patent # US 2014/0018299 AI - "Method to Detect, Monitor and Promote Neural Regeneration and Improvement of Cognitive Function in a Subject Suffering from Neural Injury"

ATTUALI COLLABORAZIONI CON GRUPPI DI RICERCA INTERNAZIONALI

Walter Reed Army Institute of Research

Visiting Scholar - Collaborazione per l'analisi statistica di biomarkers e dati clinici e laboratoristici, al fine di preparare pubblicazioni, grants and presentazioni.

Karolinska Institutet, Stockholm, Sweden

Research Collaborator. Attività di ricerca collaborativa per l'analisi statistica di biomarkers e dati clinici e laboratoristici, al fine di preparare pubblicazioni, grants and presentazioni

University of California, Los Angeles campus ("UCLA")

Research Collaborator. Attività di ricerca collaborativa per la validazione di un panel potenziali marcatori di trauma cranico su liquor e sangue

InTBIR Biomarker Work Group (Membro – Co-Chair)

Membro (Marzo 2016 - Presente) Co-Chair (Maggio 2019-Presente). InTBIR (International Initiative for Traumatic Brain Injury Research) e' uno sforzo collaborativo ad opera della European Commission (EC), Canadian Institutes of Health Research (CIHR) e National Institutes of Health (NIH) con il fine di permettere il lo sviluppo coordinato e sinergico a livello internazionale della ricerca clinica e sperimentale in ambito di trauma

Living Systematic Review Network (Membro)

Membro (Settembre 2016 - Presente). Lo scopo del Network e': 1) condividere informazioni, idee e risorse; 2) lavorare all'implementazione delle Living Systematic Review; and 3) sviluppare nuovi approcci per testare questa strategia come parte di pilots Cochrane

Collaborative European NeuroTrauma Effectiveness Research in TBI (CENTER-TBI) - Research Collaborator

Research Collaborator. Attività di ricerca collaborativa per la preparazione di Living Systematic Reviews prognostiche, terapeutiche e diagnostiche

National Institutes of Health (NIH)

Research Collaborator. Attività di ricerca collaborativa per valutare se biomarkers presenti nel sangue possono essere utilizzati per diagnosticare e quantificare il danno cerebrale in seguito a una concussione sportiva

University of Pecs, Hungary

Research Collaborator. Attività di ricerca collaborativa per lo sviluppo di una metodologia di analisi per validare clinicamente biomarkers di danno cerebrale presenti nel sangue in seguito a una trauma cranico ed altre patologie di interesse clinico

Global Burden of Disease (GBD) collaborator network (Membro)

Membro (Marzo 2018 - Presente). Il Global Burden of Disease (GBD) ha lo

scopo di valutare la “health loss” come risultato di malattie, trauma, e fattori di rischio, in modo da migliorare i sistemi sanitari ed eliminare le disparità

International RLS Study Group (IRLSSG) (Membro)

Membro (Giugno 2018 - Presente). L'International RLS Study Group è un'organizzazione nonprofit impegnata nella ricerca clinica e di base della restless legs syndrome (RLS)

Italian GBD Initiative (Membro)

Membro (Marzo 2019 - Presente). L'Italian Global Burden of Disease (GBD) Initiative ha lo scopo di valutare la perdita di salute e le disparità sanitarie nelle regioni italiane al fine di informare e migliorare il Sistema sanitario nazionale.

Sicilian GBD Working Group (Fondatore & Membro)

Fondatore e Membro (Luglio 2019 - Presente). Il Sicilian GBD Working Group in collaborazione con l'Osservatorio Epidemiologico dell'Assessorato Regionale della Sanità ha lo scopo di valutare e monitorare la morbidità, mortalità, disabilità e affetti di rischio a livello regionale, in linea con i parametri e gli indicatori del GBD, al fine di informare e ottimizzare gli interventi e outcomes sanitari.

ENIGMA AMS-TBI (Membro)

Membro (Settembre 2019 - Presente). L'ENIGMA Adult Moderate/Severe Traumatic Brain Injury (AMS-TBI) Working Group mira ad essere una forza trainante nell'ambito dell'AMS-TBI, fornendo ai ricercatori di tutto il mondo un quadro e una piattaforma efficaci per la collaborazione transfrontaliera su larga scala e la condivisione dei dati. Sulla base dei principi di trasparenza, rigore, riproducibilità e collaborazione, l'obiettivo è facilitare lo sviluppo e la diffusione di pipeline di analisi multiscala e big data per analisi armonizzate utilizzando la neuroimaging strutturale e funzionale in combinazione con biomarcatori molecolari, genetici, e clinico/comportamentali

COST Action CA18218 (Membro)

Membro (Settembre 2019 - Presente). La COST Action CA18218 – European Burden of Disease Network mira a sviluppare ed ottimizzare la capacità di valutazione del burden di malattie in Europa, fungendo da piattaforma tecnica in cui conoscenze e competenze possono essere condivise tra ricercatori affermati ed emergenti, e promuovendo un approccio interdisciplinare che inoltre integra la conoscenza traslazionale.

Cochrane Methods Network (Membro)

Membro (Marzo 2021 - Presente). Il Cochrane Methods Network è una comunità di metodologi all'interno di Cochrane interessati ai metodi di sintesi delle evidenze rilevanti per le revisioni Cochrane

Critical Path for Duchenne Regulatory Science's Consortium (D-RSC) (Advisory Membro)

Membro (Febbraio 2023 - Presente). D-RSC D-RSC è un consorzio globale per sostenere la ricerca collaborativa per accelerare lo sviluppo di terapie incentrate sul paziente con la distrofia muscolare di Duchenne e per migliorare le competenze nella progettazione di studi clinici e nella progressione della malattia grazie all'accesso condiviso dei dati e lo sviluppo di nuovi strumenti e piattaforme per lo sviluppo di farmaci

PROGETTI FINANZIATI IN CORSO

Ministero della Salute - Centro Nazionale per la Prevenzione ed il Controllo delle Malattie
(Mondello) 11/30/2020-05/29/2023 **Co-PI**

PROGRAMMA CCM 2020

Sorveglianza epidemiologica e controllo del COVID-19 in aree urbane metropolitane per il contenimento della circolazione del SARS-CoV-2 nella popolazione immigrata in Italia, € 450,000

L'obiettivo di questo progetto e' descrivere l'occorrenza e la severità della malattia COVID-19 nella popolazione immigrata, in confronto con la popolazione italiana, al fine di definire priorità di intervento per il contenimento della malattia e di proporre programmi di interventi mirati

PROGETTI FINANZIATI COMPLETATI

Universita' degli Studi di Messina (Italia) - 11/15/2020

FFABR 2020, € 1,500

Ministero della Salute

(PI Mondello)

07/18/2016-16/11/2020

GR-2013-02354960

Novel Biomarkers for Improved Characterization, Disease Tracking and Outcome Prediction in Traumatic Brain Injury, € 389,957.00

L'obiettivo di questo progetto e' di stabilire un profilo di biomarcatori che possano servire per la caratterizzazione e classificazione dei pazienti con trauma cranico (TBI) permettendo l'identificazione della variabilità paziente e danno- specifica, e fornendo quindi opportunità per interventi clinici personalizzati ed efficaci (medicina di precisione)

Ministero della Salute

(Co-PI Mondello)

02/28/2018-02/28/2019

Ricerca Corrente – Research Line

Identification of Biomarkers for Diagnosis, Characterization and Monitoring of Sleep Disorders using Neuroproteomics, Glicomics and Advanced Bioinformatics/Systems Biology Analyses

L'obiettivo di questo studio e' di iniziare la prima sistematica identificazione e validazione di un panel di marcatori molecolari dei disturbi del sonno.

MIUR (Italia) - 01/18/2018

FFABR 2017, € 3,000

U.S. Army Medical Research and Materiel Command

(PI Kochanek)

09/30/2010 – 09/29/2016

W81XWH-10-1-0623

Operation Brain Trauma Therapy, \$ 1,300,000

Operation brain trauma therapy (OBTT) e' un consorzio preclinico, multicentrico per lo screening di nuovi farmaci e lo sviluppo di biomarkers di danno cerebrale per TBI

U.S. Army Medical Research and Materiel Command

(PI Shear)

09/30/2014 – 09/29/2016

W81XWH-12-2-0134 (0036863) (401029-2)

A military-relevant model of closed concussive head injury: longitudinal studies characterizing and validating single and repetitive mTBI

L'obiettivo di questo progetto e' di stabilire un nuovo modello animale di mild TBI

U.S. Army Medical Research Acquisition Activity

(PI Kamimori)

06/01/2009 - 06/30/2013

W81XWH-09-2-0055

Brain Injury Biomarkers and Behavioral Characterization of mTBI in Soldiers

Per ulteriori informazioni:

<https://orcid.org/0000-0002-8587-3614>

<https://www.linkedin.com/in/stefania-mondello-a72a3519/>

<https://www.scopus.com/authid/detail.uri?authorid=23094881100>

Following Repeated, Low-level Blast Exposure

L'obiettivo di questo studio e' la valutazione degli effetti a termine, medio e lungo termine dell'esposizione a ripetute esplosioni di bassa intensita' sulla funzione neurocognitiva e l'identificazione del piu' efficace mezzo diagnostico di mTBI nei soldati.

US Army

9/28/10-9/27/15

DoD (Contract) (PI Hayes)

Pivotal Trial for Biomarkers of Traumatic Brain Injury, \$28,615,559

L'obiettivo di questa proposta e' di valutare l'utilita' degli assay Banyan TBI per l'identificazione e differenziazione del trauma cranico, usando il sistema THUNDERBOLT o un Point-of-Care/palmare.

US Army

4/14/06-7/13/12

DoD (US Army BANDITS Program) (PI Hayes)

W81XWH-06-1-0517

Biomarkers of Brain Injury: Magnitude, Secondary Insults & Outcome, \$24,371,237

L'obiettivo di questa proposta e' di esaminare le associazioni tra potenziali marcatori di trauma cranico misurabili su sangue e liquor e parametric clinici di severita' di danno, occorrenza di danno secondario, e outcome per determinare se questi marcatori possono avere un'utilita' clinica diagnostic e come sistema di monitoraggio.

R01

4/1/06-4/30/11

NIH (PI Robicsek, Hayes)

Biochemical Markers of TBI (UF) \$ 4,812,523 - Plus \$ 1,520,107

L'obiettivo di questo studio e' di iniziare la prima sistematica identificazione e validazione di un panel di marcatori biochimici di trauma cranico misurabili su liquor umano dopo trauma cranico severo.

ESPERIENZA DIDATTICA UNIVERSITARIA

2004 – 2008

Universita' di Messina, Messina, Italia

Esercitazioni di Semeiotica e Metodologia Medica a studenti del III anno di Medicina in classi medie di 20 studenti.

2008 – 2012.

University of Florida, Gainesville, FL

Preparazione di Presentazioni, Lezioni Universitarie e partecipazione a tutte le attivita' accademiche programmate nel Department of Anesthesiology - Division Critical Care, incluse discussione dei casi clinici complessi con gli assistenti, seminari di neuroimaging, seminari interdipartimentali di critical care e con i fellows clinici, specializzandi e studenti in medicina medici

2011

College of Public Health and Health Professions, University of Florida, Gainesville, FL,

•Preparazione di Presentazioni, Lezioni Universitarie e attivita' per il corso in "Intro to Biostatistical Methods" (PHC 6251) per l'anno accademico 2011-2012.

Universita' di Messina, Messina, Italia

2013-2014

Universita' di Messina, Messina, Italia

•Docente di INGLESE SCIENTIFICO I nel Corso di Laurea in Infermieristica Pediatrica.

2013-2014

Per ulteriori informazioni:

<https://orcid.org/0000-0002-8587-3614>

<https://www.linkedin.com/in/stefania-mondello-a72a3519/>

<https://www.scopus.com/authid/detail.uri?authorid=23094881100>

Universita' di Messina, Messina, Italia

•Docente di INGLESE SCIENTIFICO II nel Corso di Laurea in Infermieristica Pediatrica

2013-2016

Universita' di Messina, Messina, Italia

•Docente di STATISTICA MEDICA nel Corso di Laurea in Ostetricia

2013-2016

Universita' di Messina, Messina, Italia

•Docente di STATISTICA PER LA RICERCA SPERIMENTALE E TECNOLOGICA nel Corso di Laurea in Ostetricia dall'anno accademico 2013 anno accademico 2016.

2014 a tutt'oggi.

Universita' di Messina, Messina, Italia

•Docente di STATISTICA MEDICA nel Corso di Laurea in Medicina e Chirurgia

2016 a tutt'oggi

Universita' di Messina, Messina, Italia

•Docente di STATISTICA MEDICA nel Corso di Laurea in Tecniche di Radiologia Medica, per Immagini e Radioterapia

2017-2018

Universita' di Messina, Messina, Italia

•Docente di STATISTICA MEDICA nel Corso di Laurea in Odontoiatria e Protesi Dentaria

2018 a tutt'oggi

Universita' di Messina, Messina, Italia

•Docente di MEDICAL STATISTICS nel Corso di Medicine and Surgery

2016 a tutt'oggi

Universita' di Messina, Messina, Italia

•Membro del Collegio dei Docenti del Dottorato in "BIOLOGIA APPLICATA E MEDICINA SPERIMENTALE"

2017 a tutt'oggi Universita' di Messina, Messina, Italia

•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Igiene e Medicina Preventiva

2017 a tutt'oggi Universita' di Messina, Messina, Italia

•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Medicina del Lavoro

2018 a tutt'oggi

Universita' di Messina, Messina, Italia

•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Malattie dell'Apparato Respiratorio

2018 a tutt'oggi

Universita' di Messina, Messina, Italia

•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Chirurgia Maxillo-facciale

2018 a tutt'oggi

Universita' di Messina, Messina, Italia
•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Reumatologia

2020 a tutt'oggi.

Universita' di Messina, Messina, Italia
•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Medicina Nucleare

2020 a tutt'oggi.

Universita' di Messina, Messina, Italia
•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Neurologia

2020 a tutt'oggi.

Universita' di Messina, Messina, Italia
•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Neurochirurgia

2020 a tutt'oggi.

Universita' di Messina, Messina, Italia
•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Ortopedia e Traumatologia

2020 a tutt'oggi.

Universita' di Messina, Messina, Italia
•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Pediatria

2020 a tutt'oggi.

Universita' di Messina, Messina, Italia
•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Radiodiagnostica

2020 a tutt'oggi

Universita' di Messina, Messina, Italia
•Docente di STATISTICA MEDICA nella Scuola di Specializzazione - Area Medica - in Radioterapia

2022- 2022

Lecturer, University of Birmingham, MSc Trauma Science
Module 1 – WEEK 3
Lecture title: FDA approved biomarkers of concussion

REFeree DI RIVISTE INTERNAZIONALI

Acta Neurologica Belgica	2016-Presente
Annals of Neurology	2019-Presente
Biomarker Insights	2015-Presente
Brain Communication	2022-Presente
Brain Injury	2015-Presente
Brain Research Bulletin	2021-Presente
BMC Gastroenterology	2013-Presente

BMJ Open	2018-Presente
Clinical Chemistry	2010-Presente
Clinical Medicine Insights: Intensive Medicine	2015-Presente
Concussion	2016-Presente
Critical Care	2015-Presente
Critical Care Medicine	2009-Presente
Disability and Rehabilitation	2019-Presente
Electrophoresis	2012-Presente
Emergency Medicine	2013-Presente
Emergency Medicine	2013-Presente
European Journal of Neurology	2022-Presente
Experimental Neurology	2021-Presente
Expert Review of Proteomics	2012-Presente
Frontiers in Neurology- Neurotrauma	2012-Presente
Intensive Care Medicine Experimental	2020-Presente
JAMA Network Open	2023-Presente
Journal of Central Nervous System Disease	2015-Presente
Journal of Neurology, Neurosurgery, and Psychiatry	2014-Presente
Journal of Neurotrauma	2010-Presente
Movement Disorders	2014-Presente
Nature Reviews Neurology	2016-Presente
Neurobiology of Disease	2012-Presente
Neurocritical care	2010-Presente
Neurology	2016-Presente
Neuroscience Letters	2015-Presente
Neurosurgery	2012-Presente
New England Journal of Medicine	2017-Presente
Pediatric Research	2012-Presente
PLOS ONE	2013-Presente
Scientific Reports	2013-Presente
Sleep	2019-Presente
The International Journal of Neuroscience	2013-Presente
The Lancet Neurology	2016-Presente

EDITOR DI RIVISTE SCIENTIFICHE

Frontiers in Systems Biology	2011-Presente
Editor-in-Chief del Frontiers Research Topic on "Towards translating research to clinical practice: Novel Strategies for Discovery and Validation of Biomarkers for Brain Injury"	2011-2013
Biomarker Research	2012-Presente
Expert Review of Proteomics	2015-Presente
Scientific Reports: Nature Publishing Group	2015-Presente
Journal of Intensive Care (International Board Member)	2015-Presente
Guest editor dello Special Issue on Traumatic Brain Injury "Neuropathological, Cellular and Behavioral Mechanisms in Traumatic Brain injury: Insights on different Animal Models of	

Neurotrauma". Behavioural Brain Research Volume 340, Pages 1-212 (15 March 2018). Edited by Kevin Wang, Stefania Mondello and Firas Kobeissy 2015-2018

Editor-in-Chief del Research Topic "Developing Successful Neuroprotective Treatments for TBI: Translational Approaches, Novel Directions, Opportunities and Challenges" in Frontiers in Neurology-Neurotrauma 2017-2019

Associate Editor di Frontiers in Neurology-Neurotrauma 2017-Presente

Guest editor - Research Topic "Biomarkers in Neurology" in Frontiers in Neurology-Neurotrauma 2017-2019

Associate Editor di Frontiers for the Specialty Section Neurodegeneration 2019-Presente

Associate Editor di Frontiers in Neurology-Neurotrauma 2017-Presente

Associate Editor di Journal of Neurotrauma 2019-Presente

Associate Editor di Neurotrauma Reports 2020-Presente

Editorial Board Member Diagnostics–MDPI 2020-Presente

Editorial Board Member Traumas–MDPI 2020-Presente

Editorial Board Member Medicina–MDPI 2021-Presente

Guest editor - Research Topic "Advancing Precision Medicine in TBI: Biomarkers for Clinical Decision Making" in Frontiers in Pharmacology 2021-Presente

Guest editor - Research Topic "Advances in Acute Traumatic Brain Injury Prevention, Assessment, Management, Models, and Prediction" in Frontiers in Bioengineering and Biotechnology 2021-Presente

Associate Editor di Frontiers in Neurology- Neurological Biomarkers section 2021-Presente

Editorial Board Member of Brain Injury 2022-Presente

REFeree DI RIVISTE INTERNAZIONALI - Statistical Editor

Frontiers in Pharmacology 2015-Presente
Sleep 2017-Presente

QUALIFICHE AGGIUNTIVE

- 2007 Diploma Nazionale di Ultrasonografia Clinica rilasciato dalla Società Italiana di Ultrasonografia Medica e Biologica (SIUMB)
- 2007 Diploma di "Operatore BLSD" rilasciato dal Italian Resuscitation Council (IRC) n°216160
- 2017 Biostatistical Manager per l'I.R.C.C.S. Associazione Oasi Maria SS. ONLUS – TROINA
- 2017 Biostatistico e membro del Comitato Etico locale (Comitato Etico di Messina) per un triennio
- 2018 Biostatistico e membro dell'Organismo Preposto al Benessere degli Animali (OPBA) - I.R.C.C.S. Associazione Oasi Maria SS. ONLUS – TROINA
- 2018 Biostatistical Manager per l'I.R.C.C.S. Associazione Oasi Maria SS. ONLUS –

TROINA

- 2020 Biostatistico e membro del Comitato Etico locale (Comitato Etico di Messina) rinnovato per un secondo triennio
- 2020 Membro della Commissione per la ricerca e lo sviluppo della SISMEC
- 2021 Membro dello Scientific Advisory Board della International Neurotrauma Society (INTS)
- 2022 Completamento del Corso GOOD CLINICAL PRACTICE

CURATORE EDITORIALE

1. Towards translating research to clinical practice: Novel Strategies for Discovery and Validation of Biomarkers for Brain Injury. Editors: **Mondello S**, Buki A, Tortella FC and Wang KW. Eds: Frontiers in Neurology – Neurotrauma. Specialty Chief Editor Dr. Marten Risling. Publisher: Frontiers Media SA. ISBN: 978-2-88919-391-2 2015. http://www.frontiersin.org/books/Towards_translating_research_to_clinical_practice_Novel_Strategies_for_Discovery_and_Validation_of_/447
2. Injury Models of the Central Nervous system. Eds. Dixon, Kobeissy, Hayes and **Mondello**, 2016 (In Press). Series Title: Methods in Molecular Biology. Springer Publishing Group, ISBN 978-1-4939-3816-2. <http://www.springer.com/us/book/9781493938148>
3. Developing Successful Neuroprotective Treatments for TBI: Translational Approaches, Novel Directions, Opportunities and Challenges. Editors: **Mondello S**, Hasan A, Shear DA. Eds: Frontiers in Neurology – Neurotrauma. Publisher: Frontiers Media SA. 2019. ISBN 978-2-88919-391-2. <https://www.frontiersin.org/research-topics/6685/developing-successful-neuroprotective-treatments-for-tbi-translational-approaches-novel-directions-o>
4. Biomarkers in Neurology. Editors: Salama MM, **Mondello S**, Kobaissy FH, Wael MYM. Eds: Frontiers in Neurology – Neurotrauma. Publisher: Frontiers Media SA. 2019. ISBN 978-2-88963-693-8. <https://www.frontiersin.org/research-topics/7549/biomarkers-in-neurology>

ASSOCIAZIONI SCIENTIFICHE

Neurocritical Care Society (NCS)
Society of Critical Care Medicine (SCCM)
European Society of Intensive Care Medicine (ESICM)
International Neurotrauma Society (INTS)
National Neurotrauma Society (NTS)
Women in Neurotrauma Research (WINTR)
Società Italiana di Medicina Interna (SIMI)
American Heart Association (AHA)
Society for Neuroscience (SfN)
Society of Toxicology (SOT)
Società Italiana di Statistica Medica ed Epidemiologia Clinica (SISMEC)
European Neurotrauma Organization (ENO)
Società Italiana di Biometria (SIB)

AFFILIAZIONI CLINICHE

Policlinico Universitario di Messina (Italia)

Shands HealthCare, affiliate all'University of Florida (Florida)

Oasi Institute IRCCS, Troina, Italy

ULTERIORI ESPERIENZE DISTINTIVE

- 2010 Society of Critical Care Medicine (SCCM)
40th Critical Care Congress, Society of Critical Care Medicine's
(Abstract Reviewer)
- 2011 Society of Critical Care Medicine (SCCM)
41st Critical Care Congress, Society of Critical Care Medicine's
(Abstract Reviewer)
- 2012 Young European Assessor - External Advisor/Consultant AIFA
- 2012 External Advisor/Consultant, Reviewer Guidelines, Italian Ministry
of Health (MoH)
- 2013 ISSNAF Award for Young Investigators (Abstract Reviewer)
- 2013 Consulente: Brain Trauma, Neuroprotection and Neurorestoration,
Walter Reed Army Institute of Research, Department of Defence
(DoD)
- 2013 Consulente: EnCor Biotechnology, Inc., Gainesville, FL.
- 2013 Consulente: NNZ-2566 Clinical Trial, Severe Traumatic Brain
Injury, Neuren Pharmaceuticals
- 2013 Consulente: Atlantic Biomarkers, LLC, Gainesville, FL
- 2013 Society of Critical Care Medicine (SCCM)
43rd Critical Care Congress, Society of Critical Care Medicine's
(Abstract Reviewer)
- 2014 Military Health System Research Symposium (MHSRS).
Poster Judging.
18-21 August 2015
- 2014 Society of Critical Care Medicine (SCCM)
45th Critical Care Congress, Society of Critical Care Medicine's
(Abstract Reviewer)
- 2015 Military Health System Research Symposium (MHSRS).
Poster Judging
17-20 August 2015
- 2017 National Neurotrauma Society (NNS) Symposium 2017
(Abstract Reviewer)
- 2017 EUWIIN International Conference - 6th Bi-Annual European &
International Women Inventors, Innovators & Entrepreneurs
Awards
(Member of the Judging Panel and of the GWIIN advisory Board -
Judging Facilitator)
- 2018 The 3rd Joint Symposium of the International and National
Neurotrauma Societies and AANS/CNS Section on Neurotrauma
and Critical Care (NeuroTrauma 2018)

(Abstract Reviewer)

- 2018 Society of Critical Care Medicine (SCCM)
49th Critical Care Congress, Society of Critical Care Medicine's
(Abstract Reviewer)
- 2018 Membro del programma Young Physician Leaders (YPL)
organizzato dalla InterAcademy Partnership (IAP) for Health e
selezionata per partecipare al World Health Summit
- 2018 Membro invitato della Commissione di Tesi di Dottorato -
Opponent of Dissertation Thesis- Kosice, Slovakia
- 2018 Peer review mentor for the Publons Academy
- 2018 StatisticAlps 2018, 8th Edition: Extended Use of Regression
Models for New Epidemiologic Designs and Analyses
- 2019 IBRO-MENA annual advanced research school and conference
(Poster Judges Committee)
- 2020 Elsevier Reviewer per new book proposal ("High throughput
technologies in disease diagnostics and therapeutics")
- 2021 Judge of student and early career researcher presentations
International Neurotrauma Symposium (INTS 2021)
- 2022 15th International Neurotrauma Symposium (INTS 2022)
(Abstract Reviewer)
- 2022 39th Annual National Neurotrauma Symposium (NNS 2022)
(Abstract Reviewer)
- 2022 Elsevier Reviewer per new book proposal ("TRANSLATING
ANIMAL SCIENCE RESEARCH")

PUBBLICAZIONI

ARTICOLI SU RIVISTA (TOTALE 219)

Mondello S*, Buemi M, Mazzon E, Aloisi C. Lymphocytic vasculitis associated with icodextrin. *Perit Dial Int*, 2007 Nov-Dec; 27(6):712-5.

Caccamo C, Nostro L, Giorgianni G, **Mondello S**, Crascì E, Frisina N, Buemi M. Behavior of vascular endothelial growth factor and erythropoietin throughout the menstrual cycle in healthy women. *J Reprod Med*. 2007 Nov; 52 (11):1035-9.

Mondello S*, Fodale V, Cannavò S, Aloisi C, Almoto B, Buemi M, Santamaria LB. Hypophosphatemia as unusual cause of ARDS in Cushing's syndrome secondary to ectopic CRH production. A case report. *ScientificWorldJournal*. 2008 Feb 6; 8:13.

Raimondo G, Navarra G, **Mondello S**, Costantino L, Colloredo G, Cucinotta E, Di Vita G, Scisca C, Squadrito G, Pollicino T. Occult hepatitis B virus in liver tissue of individuals without hepatic disease. *J Hepatol*. 2008 May;48(5):743-6.

Fodale V, **Mondello S**, Aloisi C, Schifilliti D, Santamaria L. Genotoxic effects of anesthetic agents. *Expert Opin Drug Saf*. 2008 Jul; 7(4):447-58. Review.

- Mondello S***, Mazzon E, Di Paola R, Crisafulli C, Italiano D, Buemi M, Aloisi C, Cuzzocrea S. Erythropoietin suppresses peritoneal fibrosis in rat experimental model. *Eur J Pharmacol.* 2009 Feb 14; 604(1-3):138-49.
- Mondello S***, Mazzon E, Paola RD, Crisafulli C, Mondello P, Buemi M, Aloisi C, Cuzzocrea S. Thalidomide suppresses sclerosing encapsulating peritonitis in rats experimental model. *Shock.* 2009 Sep;32(3):332-9.
- Cerrito M, **Mondello S**, Oreto G. Qual è la causa della bradicardia? *Cardiologia Ambulatoriale*, 2008; 3:151-155.
- Buemi M, Fazio MR, Bolignano D, Coppolino G, Donato V, Lacquaniti A, **Mondello S**, Buemi A, Allegra A. Renal complications in oncohematologic patients. *J Investig Med.* 2009 Dec; 57(8):892-901.
- Mondello S***, Italiano D, Giacobbe MS, Mondello P, Trimarchi G, Aloisi C, Bramanti P, Spina E. Glutamine-supplemented total parenteral nutrition improves immunological status in anorectic patients. *Nutrition.* 2010 Jun;26(6):677-81.
- Mondello S***, Robicsek S, Gabrielli A, Brophy G, Papa L, Tepas Iii J, Robertson C, Buki A, Scharf D, Jixiang M, Akinyi L, Muller U, Wang KK, Hayes RL. alphaII-Spectrin Breakdown Products (SBDPs): Diagnosis and Outcome in Severe Traumatic Brain Injury Patients. *J Neurotrauma.* 2010 Jul;27(7):1203-13.
- Mondello S***, Galuppo M, Mazzon E, Domenico I, Mondello P, Carmela A, Cuzzocrea S. Glutamine treatment attenuates the development of ischaemia/reperfusion injury of the gut. *Eur J Pharmacol.* 2010 Sep 25;643(2-3):304-15.
- Mondello S***, Muller U, Jeromin A, Streeter J, Hayes RL, Wang K.K.. Blood-based Diagnostics of Traumatic Brain Injury. *Expert Rev Mol Diagn.* 2011 Jan;11(1):65-78. Review.
- Brophy G, **Mondello S**, Papa L, Robicsek S, Gabrielli A, Tepas Iii J, Buki A, Robertson C, Tortella FC, Wang KK. Biokinetic Analysis of Ubiquitin C-Terminal Hydrolase-L1 (UCH-L1) in Severe Traumatic Brain Injury Patient Biofluids. *J Neurotrauma.* 2011 Jun; 28(6):861-70.
- Mondello S***, Galuppo M, Mazzon E, Italiano D, Mondello P, Aloisi C, Cuzzocrea S. Glutamine treatment attenuates the development of organ injury induced by zymosan administration in mice. *Eur J Pharmacol.* 2011 May 1;658(1):28-40. Epub 2011 Feb 22.
- Esposito E, **Mondello S**, Di Paola R, Mazzon E, Italiano D, Paterniti I, Mondello P, Aloisi C, Cuzzocrea S. Glutamine contributes to ameliorate inflammation after renal ischemia/reperfusion injury in rats. *Naunyn Schmiedebergs Arch Pharmacol.* 2011 May;383(5):493-508.

- Schifilliti D, **Mondello S**, D'Arrigo MG, Chillè G, Fodale V. Genotoxic effects of anesthetic agents: an update. *Expert Opin Drug Saf*. 2011 Nov;10(6):891-9.
- Hayes RL, **Mondello S***. The Future of Simple Blood Based Tests to Diagnose Mild TBI. *International Neurotrauma Letter (IBIA)*, Issue 02 2011.<http://www.internationalbrain.org/?q=node/162>
- Mondello S***, Papa L, Buki A, Bullock R, Czeiter E, Tortella F, Wang KK, Hayes RL. Neuronal and Glial Markers are differently associated with Computed Tomography Findings and Outcome in patients with Severe Traumatic Brain Injury: a Case Control Study. *Crit Care*. 2011 Jun 24;15(3):R156.
- Berger R, Houle JF, Hayes RL, Wang KK, **Mondello S**, Bell MJ. Translating Biomarker Research to Clinical Care: Applications and Issues for Rehabilomics. *PMR*. 2011 Jun;3(6 Suppl):S31-8.
- Hayes RL, **Mondello S**, Wang K. Glial fibrillary acidic protein: A promising biomarker in pediatric brain injury. *Pediatr Crit Care Med*. 2011 Sep;12(5):603-4.
- Ahmad A, **Mondello S**, Di Paola R, Mazzon E, Esposito E, Catania MA, Italiano D, Mondello P, Aloisi C, Cuzzocrea S. Protective effect of apocynin, a NADPH-oxidase inhibitor, against contrast-induced nephropathy in the diabetic rats: A comparison with n-acetylcysteine. *Eur J Pharmacol*. 2012 Jan 15;674(2-3):397-406.
- Zhang Z, **Mondello S**, Kobeissy F, Rubenstein R, Streeter J, Hayes RL, Wang KK. Protein biomarkers for traumatic and ischemic brain injury: from Bench to Bedside. *Translational Stroke Research*. 2011;2(4):455-462. Review.
- *Mondello S**. Angiotensin receptor antagonists: A potential neuroprotective strategy after brain trauma. *Crit Care Med*. 2012 Mar;40(3):1023-4.
- *Mondello S**, Jeromin A, Buki A, Bullock R, Czeiter E, Kovacs N, Barzo P, Schmid K, Tortella FC, Wang KK, Hayes RL. Glial Neuronal Ratio (GNR): a Novel Index for Differentiating Injury Type in Patients with Severe Traumatic Brain Injury. *J Neurotrauma*. 2012 Apr 10;29(6):1096-104.
- Papa L, Lewis LM, Falk JL, Zhang Z, Silvestri S, Giordano P, Brophy GM, Demery JA, Dixit NK, Ferguson I, Liu MC, Mo J, Akinyi L, Schmid K, **Mondello S**, Robertson CS, Tortella FC, Hayes RL, Wang KK. Elevated Levels of Serum Glial Fibrillary Acidic Protein Breakdown Products in Mild and Moderate Traumatic Brain Injury Are Associated With Intracranial Lesions and Neurosurgical Intervention. *Ann Emerg Med*. 2012 Jun;59(6):471-83.
- *Mondello S**, Akinyi, L, Buki, A, Robicsek, S, Gabrielli, A, Tepas, J, Papa, L, Brophy, G, Tortella, FC, Hayes, RL, Wang, KK Clinical Utility of Serum Levels of Ubiquitin C-Terminal Hydrolase as a

Biomarker for Severe Traumatic Brain Injury. Neurosurgery. 2012 Mar;70(3):666-675.

Czeiter E, **Mondello S**, Kovacs N, Sandor J, Gabrielli A, Schmid K, Tortella FC, Wang KK, Hayes RL, Barzo P, Ezer E, Doczi T, Buki A. Brain injury biomarkers may improve the predictive power of the IMPACT outcome calculator. 2012 Jun 10;29(9):1770-8

Papa L, Lewis LM, Silvestri S, Falk JL, Giordano P, Brophy GM, Demery JA, Liu MC, Mo J, Akinyi L, **Mondello S**, Schmid K, Robertson CS, Tortella FC, Hayes RL, Wang KK. Serum levels of ubiquitin C-terminal hydrolase distinguish mild traumatic brain injury from trauma controls and are elevated in mild and moderate traumatic brain injury patients with intracranial lesions and neurosurgical intervention. Journal of Trauma and Acute Care Surgery. 72(5):1335-1344, May 2012.

***Mondello S**, Gabrielli A, Catani S, D'Ippolito M, Jeromin A, Ciaramella A, Bossù P, Schmid K, Tortella FC, Wang KK, Hayes RL, Formisano R. Increased Levels of Serum MAP-2 at 6-months Correlate with Improved Outcome in Survivors of Severe Traumatic Brain Injury. Brain Inj. 2012;26(13-14):1629-35. doi: 10.3109/02699052.2012.700083.

Glushakova O, Jeromin A, Martinez J, Johnson D, Denslow N, Streeter J, Hayes R, **Mondello S***. CSF Protein Biomarker Panel for Assessment of Neurotoxicity Induced by Kainic Acid in Rats. Toxicol Sci. 2012 Nov;130(1):158-67. doi: 10.1093/toxsci/kfs224. Epub 2012 Jul 12.

Calabrò RS, Italiano D, Ferrara D, **Mondello S**, Conti-Nibali V, Salviera C, Bramanti P. The Hypothalamic-Neurohypophyseal System: Current and Future Treatment of Vasopressin and Oxytocin Related Disorders. Recent Pat Endocr Metab Immune Drug Discov. 2012 Sep 1;6(3):235-50.

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PROTOCOLLI PER REVIEW SISTEMATICHE (TOTALE 10)

***Mondello S**, Czeiter E, Sorinola A, Vámos Z, Buki A. Blood-based biomarkers for the diagnosis, characterization and outcome prediction of traumatic brain injuries in adults: a living systematic review. Registration number: CRD42014013814. http://www.crd.york.ac.uk/PROSPERO/display_record.asp?ID=CRD42014013814#.VCGMMfidX2E

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Phipps H, **Mondello S**. Patterns in the epidemiology and cost of US military blast traumatic brain injury (TBI): a systematic review. Registration number: CRD42017054942. https://www.crd.york.ac.uk/PROSPERO/display_record.asp?ID=CRD42017054942

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Firas Kobeissy, Jure Colnaric, Hani Tamim, Mazen El Sayed, Ali Nabbouh, ***Stefania Mondello**. Assessing PTSD and other comorbidities in the Middle East - North Africa region. Registration number: CRD42020137382. https://www.crd.york.ac.uk/prospere/display_record.php?RecordID=137382

***Stefania Mondello**, Carmela Visalli, Firas, H. Kobeissy, Laura Cacciani, Facio Cruciani, Caterina Milli, Caterina Silvestri, Anteo Di Napoli, Paolo Giorgi Rossi, Alessio Petrelli, Achille Cernigliaro, Salvatore Scondotto. Exploring the evidence for the effectiveness of health interventions for COVID-19 targeting immigrants: a systematic review protocol. Registration number: CRD42021282496. https://www.crd.york.ac.uk/prospere/display_record.php?ID=CRD42021282496

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CAPITOLI DI LIBRO (TOTALE 16)

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Wang, KKW; Robicsek, S; Robertson, C; Brophy, GM; Gabrielli, A; Hannay, HJ; Heaton, S; Hayes, R; **Mondello, S**; Schmalfuss, I; Papa, L. ASSESSING A NECROSIS AND APOPTOSIS INDEX USING CSF alpha II-SPECTRIN BREAKDOWN PRODUCT LEVELS IN SEVERE TBI. The 30th Annual National Neurotrauma Society Meeting, July 22-25, 2012, Phoenix, Arizona, USA. **Journal of Neurotrauma. 29(10): A93-A93. Abstract n° AB32.**

S Robicsek, L Papa, S Heaton, HJ Hannay, A Gabrielli, K Wang, GM Brophy, I Schmalfuss, **S Mondello**, RL Hayes, C Robertson. PREDICTING POOR 6-MONTH OUTCOME IN SEVERE TBI USING THE IMPACT SCORE AND EARLY CSF BIOMARKERS. The 30th Annual National Neurotrauma Society Meeting, July 22-25, 2012, Phoenix, Arizona, USA. **Journal of Neurotrauma. 29(10): A94-A94. Abstract n° AB33.**

PM Kochanek, HM. Bramlett, CE Dixon, DA Shear, **S Mondello**, K Schmid, WD Dietrich, KK. Wang, RL Hayes, JJ Povlishock, and FC Tortella. Cross model comparison of behavior, neuropathology, and acute serum biomarkers after controlled cortical impact, parasagittal fluid percussion, and penetrating ballistic-like brain injury: Results from Operation Brain Trauma Therapy. MHSRS/ATACCC. The 2012 Military Health System Research Symposium, 13-16 August 2012, Fort Lauderdale, Florida, USA.

S Mondello*, PM. Kochanek, HM. Bramlett, CE Dixon, DA Shear, K Schmid, WD Dietrich, KK. Wang, RL Hayes, JJ Povlishock, and FC Tortella. Differential Effect of Nicotinamide on Circulating Damage Marker Profiles Following Controlled Cortical Impact, Parasagittal Fluid Percussion, and Penetrating Ballistic-Like Brain Injury: Results from Operation Brain Trauma Therapy. MHSRS/ATACCC. The 2012 Military Health System Research Symposium, 13-16 August 2012, Fort Lauderdale, Florida, USA.

S Mondello*, R Constantinescu, H Zetterberg, B Holmberg, A Jeromin. UCHL-1 Levels in Cerebrospinal Fluid of Patients with Parkinson's Disease and Atypical Parkinsonian Disorders. Biomarkers for Brain Disorders: Challenges and Opportunities. Møller Centre, Churchill College, Cambridge, UK, 3-5 February 2013.

R Constantinescu, **S Mondello**, L Khadim, A Jeromin. Alpha-synuclein Levels in the Cerebrospinal Fluid of Patients with Parkinson's Disease and Atypical Parkinsonian Disorders. 17th International Congress of Parkinson's Disease and Movement Disorders, June 16 - 20, 2013 in Sydney, Australia. **Movement Disorders 2013; 28 Suppl 1:894.**

*****Abstract presented at the Blue Ribbon Highlights Session by Matthew B. Stern**

***S Mondello**, Buki A, Italiano D, Jeromin A. CSF ALPHA-SYNUCLEIN TEMPORAL PROFILES CORRELATE WITH OUTCOME IN PATIENTS WITH SEVERE TRAUMATIC BRAIN INJURY. 3rd Annual Traumatic Brain Injury Conference, Washington, DC, March 6-7, 2013.

Glushakova OY, **Mondello S**, Johnson D, Heldermon C, Streeter J, Hayes RL. Protein Biomarker Panel of Cisplatin-Induced Neurotoxicity in a Preclinical Model. SOT 52nd Annual Meeting, (Society of Toxicology), March 10–14, 2013, San Antonio, Texas.

*** S Mondello**, Buki A, Italiano D, Jeromin A. CSF ALPHA-SYNUCLEIN TEMPORAL PROFILES PREDICT OUTCOME AFTER SEVERE TRAUMATIC BRAIN INJURY. BRAIN 2013, XXVth International Symposium on Cerebral Blood Flow, Metabolism and Function & XIth International Conference on Quantification of Brain Function with PET, Shanghai, China, May 20-23, 2013

***Mondello S**, Buki A, Italiano D, Tomasello F, Jeromin A. AMYLOID- β IN CSF PREDICT NEUROLOGICAL STATUS AND MORTALITY AFTER SEVERE TRAUMATIC BRAIN INJURY: RESULTS OF A PILOT STUDY. XXI World Congress of Neurology (WCN2013), Vienna, Austria, September 21–26, 2013.

***Mondello S**, Italiano D, Jeromin A, Hayes R, Tomasello F. SERUM GLIAL FIBRILLARY ACIDIC PROTEIN AS A SENSITIVE AND SPECIFIC MARKER FOR THE IDENTIFICATION OF INTRACEREBRAL HEMORRHAGE IN ACUTE STROKE PATIENTS: RESULTS OF IMPROVED ASSAY PERFORMANCE. 114° CONGRESSO NAZIONALE. Società Italiana di Medicina Interna (SIMI), ROMA, 26-28 OTTOBRE 2013. **Internal and Emergency Medicine (2014); 8 (Suppl): 194.**

***Mondello S**, Italiano D, Jeromin A, Hayes R, Tomasello F. Novel Sensitive Assay Improves Diagnostic Accuracy of Serum GFAP for the Identification of Intracerebral Hemorrhage in Acute Stroke Patients. The 12th European Congress of Internal Medicine, which will take place in Prague Congress Centre, Czech Republic, from October 2-5, 2013.

*****Abstract selected for an ORAL PRESENTATION**

***Mondello S**, Buki A, Italiano D, Tomasello F, Jeromin A. CSF and Plasma Amyloid- β Temporal Profiles and Relationships with Neurological Status and Mortality after Severe Traumatic Brain Injury: Results of a Pilot Study. ESICM LIVES 2013, 26th Annual Congress, Paris, France, 5-9 October 2013. **Intensive Care Medicine; 39 Supplement 2: 0903.**

*****Abstract selected for an ORAL PRESENTATION**

Bokshan S, Leonard JR, **Mondello S**, Hayes RL, Limbrick D, Bruce CT,

Berger R, Pineda JA. BIOMARKERS OF PRIMARY INJURY AND SECONDARY INJURY DUE TO INCREASED INTRACRANIAL PRESSURE IN PEDIATRIC HEAD TRAUMA. The 31th Annual National Neurotrauma Society Meeting, August 4–7, 2013, Nashville, Tennessee, USA. **Journal of Neurotrauma. Aug 2013; 30: A70-A70. Abstract n° B118.**

Kou Z, **Mondello S**, Gattu R, Welch R, Ayaz S, Kas-Shamoun R, Mika V, Wu B, Haacke EM, Hayes RL. MAGNETIC RESONANCE IMAGING AND BLOOD PROTEIN MARKERS OF MILD TRAUMATIC BRAIN INJURY AT THE ACUTE STAGE. The 31th Annual National Neurotrauma Society Meeting, August 4–7, 2013, Nashville, Tennessee, USA. **Journal of Neurotrauma. Aug 2013; 30: A115-A115. Abstract n° C131.**

Bramlett HM, Furones-Alonso O, Sanchez-Molano J, Sequeira D, Moreno W, Wang KK, **Mondello S**, Hayes RL, Dietrich WD. OPERATION BRAIN TRAUMA THERAPY CONSORTIUM: DOSE-RESPONSE EVALUATION OF ERYTHROPOIETIN IN THE MIAMI FLUID PERCUSSION MODEL OF TRAUMATIC BRAIN INJURY. The 31th Annual National Neurotrauma Society Meeting, August 4–7, 2013, Nashville, Tennessee, USA. **Journal of Neurotrauma. Aug 2013; 30: A156-A156. Abstract n° D138.**

Bramlett HM, Furones-Alonso O, Sanchez-Molano J, Sequeira D, Moreno W, Wang KK, **Mondello S**, Hayes RL, Dietrich WD. OPERATION BRAIN TRAUMA THERAPY CONSORTIUM: DOSE-RESPONSE EVALUATION OF CYCLOSPORINE A IN THE MIAMI FLUID PERCUSSION MODEL OF TRAUMATIC BRAIN INJURY. The 31th Annual National Neurotrauma Society Meeting, August 4–7, 2013, Nashville, Tennessee, USA. **Journal of Neurotrauma. Aug 2013; 30: A158-A158. Abstract n° D142.**

Dixon CE, Yan HQ, Ma X, **Mondello S**, Empey PE, Poloyac SM, Janesko-Feldman K, KK. Wang, RL Hayes, Kochanek PM. OPERATION BRAIN TRAUMA THERAPY CONSORTIUM: DOSE-RESPONSE EVALUATION OF CYCLOSPORINE A IN THE PITTSBURGH CONTROLLED CORTICAL IMPACT MODEL OF TRAUMATIC BRAIN INJURY. The 31th Annual National Neurotrauma Society Meeting, August 4–7, 2013, Nashville, Tennessee, USA. **Journal of Neurotrauma. Aug 2013; 30: A159-A159. Abstract n° D143.**

Dixon CE, Yan HQ, Ma X, **Mondello S**, Empey PE, Poloyac SM, Janesko-Feldman K, KK. Wang, RL Hayes, Kochanek PM. OPERATION BRAIN TRAUMA THERAPY CONSORTIUM: DOSE-RESPONSE EVALUATION OF ERYTHROPOIETIN IN THE PITTSBURGH CONTROLLED CORTICAL IMPACT MODEL OF TRAUMATIC BRAIN INJURY. The 31th Annual National Neurotrauma Society Meeting, August 4–7, 2013, Nashville, Tennessee, USA. **Journal of Neurotrauma. Aug 2013; 30: A159-A160. Abstract n° D144.**

***Mondello S**, Bramlett HM, Dixon CE, Shear DA, Schmid K, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. CHARACTERIZATION OF TBI MODELS AND EVALUATION OF THE THERAPEUTIC EFFICACY OF NICOTINAMIDE, ERYTHROPOIETIN AND CYCLOSPORINE A USING BIOCHEMICAL MARKERS OF BRAIN INJURY: RESULTS FROM OPERATION BRAIN TRAUMA THERAPY. The 31th Annual National Neurotrauma Society Meeting, August 4–7, 2013, Nashville, Tennessee, USA. **Journal of Neurotrauma**. Aug 2013; 30: A167-A167. **Abstract n° D154**.

Shear DA, Deng-Bryant Y, Pedersen R, Sun J, **Mondello S**, Wang KK, Hayes RL, Schmid K, Tortella FC. OPERATION BRAIN TRAUMA THERAPY CONSORTIUM: DOSE-RESPONSE EVALUATION OF CYCLOSPORINE A IN THE WRAIR PENETRATING BALLISTIC-LIKE BRAIN INJURY (PBBi) MODEL. The 31th Annual National Neurotrauma Society Meeting, August 4–7, 2013, Nashville, Tennessee, USA. **Journal of Neurotrauma**. Aug 2013; 30: A170-A171. **Abstract n° D164**.

Shear DA, Deng-Bryant Y, Pedersen R, Sun J, **Mondello S**, Wang KK, Hayes RL, Schmid K, Tortella FC. OPERATION BRAIN TRAUMA THERAPY CONSORTIUM: DOSE-RESPONSE EVALUATION OF ERYTHROPOIETIN IN THE WRAIR PENETRATING BALLISTIC-LIKE BRAIN INJURY (PBBi) MODEL. The 31th Annual National Neurotrauma Society Meeting, August 4–7, 2013, Nashville, Tennessee, USA. **Journal of Neurotrauma**. Aug 2013; 30: A171-A171. **Abstract n° D165**.

***Mondello S**, Bramlett HM, Dixon CE, Shear DA, Schmid K, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. Characterization of TBI Models and Evaluation of Efficacy of Nicotinamide, Erythropoietin, and Cyclosporine-A using Serum Biomarkers: Results from Operation Brain Trauma Therapy. MHSRS - The 2013 meeting of the Medical Health Service Research Symposium, 12-15 August 2013, Fort Lauderdale, Florida, USA.

*****Abstract selected for an ORAL PRESENTATION**

***Mondello S**, Bramlett HM, Dixon CE, Shear DA, Schmid K, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. Characterization of TBI Models and Evaluation of Efficacy of Nicotinamide, Erythropoietin, and Cyclosporine-A using Serum Biomarkers: Results from Operation Brain Trauma Therapy. INTS 2014 - The 11th Symposium of the International Neurotrauma Society. Budapest, Hungary. 19- 23 March, 2014. **Journal of Neurotrauma**. March 2014; 31(5): A35-A35. **Abstract n 114**.

*****Abstract selected for an ORAL PRESENTATION**

***Mondello S**, Bramlett HM, Dixon CE, Shear DA, Schmid K, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. Characterization of TBI Models and Evaluation of Efficacy of

Nicotinamide, Erythropoietin, and Cyclosporine-A using Serum Biomarkers: Results from Operation Brain Trauma Therapy. INTS 2014 - The 11th Symposium of the International Neurotrauma Society. Budapest, Hungary. 19- 23 March, 2014. **Journal of Neurotrauma. March 2014; 31(5): A34-A34. Abstract n 113.**

S. Hellewell, **S. Mondello**, A. Conquest, S. Vallance, J. Board, D. J. Cooper, M.C. Morganti-Kossmann Measurement of biomarkers of brain damage in TBI patients recruited to the EPO-TBI randomised clinical trial. INTS 2014 - The 11th Symposium of the International Neurotrauma Society. Budapest, Hungary. 19- 23 March, 2014. **Journal of Neurotrauma. March 2014; 31(5): A34-A34. Abstract n 113.**

***Mondello S.**; K Schmid; FC Tortella; L Glass. Emerging Role of Blood Biomarkers in TBI Clinical Trials: Initial Findings from the Phase II INTREPID2566 Trial. 4th Annual Traumatic Brain Injury Conference, March 16-17, 2014, Washington, D.C., USA
*****Abstract selected for an ORAL PRESENTATION**

***Mondello S**, Buki A, Randall J, Provuncher J, Hanlon D, Wilson D, Jeromin A. Temporal Profiles of CSF and Plasma Amyloid- β in Patients with Severe Traumatic Brain Injury: Relationships with Neurological Status and Mortality. 4th Annual Traumatic Brain Injury Conference, March 16-17, 2014, Washington, D.C., USA

***Mondello S**, Shear DA, Bramlett HM, Dixon CE, Schmid K, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. Comparison of TBI Models Using Brain Damage Markers, and Histological and Behavioural Outcomes in Operation Brain Trauma Therapy. The 32nd Annual National Neurotrauma Symposium, June 29-July 2, 2014, San Francisco, California. **Journal of Neurotrauma. June 2014; 31(12): A120-A120. Abstract n D2-21.**

Kochanek PM, Bramlett HM, Shear DA, Dixon CE, Dietrich WD, Poloyac S, Empey P, **Mondello S**, Wang KK, Hayes RL, Povlishock JT, Tortella FC. MULTICENTER COMPARISON OF FIVE THERAPIES ACROSS THREE RAT MODELS OF TBI REVEALS THERAPEUTIC POTENTIAL FOR LEVETIRACETAM: STUDIES FROM OPERATION BRAIN TRAUMA THERAPY. The 32nd Annual National Neurotrauma Symposium, June 29-July 2, 2014, San Francisco, California. **Journal of Neurotrauma. June 2014; 31(12): A105-A105. Abstract n D1-14.**

Huang X, Glushakova O, **Mondello S**, Van, K, Hayes RL, Lyeth B. GFAP FRAGMENT BIOMARKERS AFTER TBI: EVIDENCE FOR ACUTE ASTROCYTE PATHOLOGY. The 32nd Annual National Neurotrauma Symposium, June 29-July 2, 2014, San Francisco, California. **Journal of Neurotrauma. June 2014; 31(12): A33-A33. Abstract n A4-01.**

Kochanek PM, Bramlett HM, Shear DA, Dixon CE, Dietrich WD, Poloyac S, Empey P, **Mondello S**, Wang KK, Hayes RL, Povlishock JT, Tortella FC. MULTICENTER COMPARISON OF FIVE THERAPIES ACROSS THREE RAT MODELS OF TBI REVEALS THERAPEUTIC POTENTIAL FOR LEVETIRACETAM: STUDIES FROM OPERATION BRAIN TRAUMA THERAPY. MHSRS/ATACCC. The 2014 Military Health System Research Symposium, 18-21 August 2014, Fort Lauderdale, Florida, USA.

***Mondello S.**; K Schmid; FC Tortella; L Glass. Emerging Role of Blood Biomarkers in TBI Clinical Trials: Initial Findings from the Phase II INTREPID2566 Trial. MHSRS/ATACCC. The 2014 Military Health System Research Symposium, 18-21 August 2014, Fort Lauderdale, Florida, USA.

*****Abstract selected for an ORAL PRESENTATION**

*****Abstract selected for the Young Investigator (YI) Competition**

***Mondello S.**; K Schmid; FC Tortella; L Glass. Clinical Utility of Brain Injury Markers in TBI Clinical Trials: Findings from the INTREPID2566 Trial. 44th Critical Care Congress, January 17-21, 2015, Phoenix, Arizona, USA. **Crit Care Med 2014 Vol. 42, No.12 (suppl): A1494. Abstract n°558. doi: 10.1097/01.ccm.0000458055.62213.99**

S. Messina, M. Russo, C. Profazio, S. La Foresta, **S. Mondello**, G.L. Vita, M. Sframeli, M.G. Di Stefano, M. La Rosa, C. Barcellona, C. Faraone, C. Rodolico, A. Toscano, P. Ruggeri, G. Vita. FATTORI PREDITTIVI DELLA TOLLERANZA ALLA VENTILAZIONE NON INVASIVA NELLA SCLEROSI LATERALE AMIOTROFICA. Congresso SIN Sicilia, 12-13 Dicembre 2014, Messina, Italy.

***Mondello S**, Bowser R, Vestri A, Madorsky I, Deng J, Kobeissy F, Jeromin A, Shaw G. Differential Patterns of Release of Biomarkers of Brain Injury are Associated with Different Types of Lesion after Mild Traumatic Brain Injury. Biomarkers for Brain Disorders - WT Scientific conferences. Biomarkers for Brain Disorders: Challenges and Opportunities. 1-3 February 2015. Wellcome Trust Genome Campus, Hinxton, Cambridge, UK.

***Mondello S**, Kobeissy F, Vestri A, Hayes RL, Kochanek PM, Berger RP. Serum concentrations of Ubiquitin C-Terminal Hydrolase-L1 and Glial Fibrillary Acidic Protein after Pediatric TBI. International Conference on Paediatric Acquired Brain Injury. 16-18 September, 2015, Liverpool, England.

Thelin E, Jeppsson E, Nelson D, **Mondello S**, Svensson M, Bellander B. NEURON-SPECIFIC ENOLASE IS SIGNIFICANTLY CORRELATED TO OUTCOME POST TRAUMATIC BRAIN INJURY, ALBEIT NOT IN PRESENCE OF SERUM S100B. Neurotrauma Symposium, 2015 Symposium. June 28 - July 1, 2015. Santa Fe, New Mexico. **Journal of Neurotrauma. June 15, 2015, 32(12): A30-A30. Abstract n A5-04.**

Halford J Itamura K, Levine J, Loo J, Glenn T, Hovda D, Bullock R, Dietrich D, **Mondello S**, Wanner I. A NEW PANEL OF HUMAN ASTROGLIAL NEUROTRAUMA BIOMARKERS AND TRAUMA RELEASE MECHANISMS Neurotrauma Symposium, 2015 Symposium. June 28 - July 1, 2015. Santa Fe, New Mexico. **Journal of Neurotrauma. June 15, 2015, 32(12): A33-A33. Abstract n A5-11.**

***Mondello S**, Browning M, Shear DA, Bramlett HM, Dixon CE, Schmid K, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. Biomarker Profiles Support a Neuroprotective Effect of Levetiracetam in TBI: findings from Operation Brain Trauma Therapy. Neurotrauma Symposium, 2015 Symposium. June 28 - July 1, 2015. Santa Fe, New Mexico. **Journal of Neurotrauma. June 15, 2015, 32(12): A118-A119. Abstract n D8-16.**

Osier N, Yan HQ, Ma X, **Mondello S**, Empey P, Poloyac S, Feldman K, Wang K, Hayes R, Kochanek PM, Dixon CE. EVALUATION OF KOLLIDON VA-64 IN THE CONTROLLED CORTICAL IMPACT MODEL OF TRAUMATIC BRAIN INJURY: AN OBTT CONSORTIUM STUDY. Neurotrauma Symposium, 2015 Symposium. June 28 - July 1, 2015. Santa Fe, New Mexico. **Journal of Neurotrauma. June 15, 2015, 32(12): A120-A120. Abstract n D8-19.**

Caudle K, **Mondello S**, Gilsdorf J, Tortella F, Shear D. EVALUATION OF KOLLIDON VA64 IN THE WRAIR PBBI MODEL: STUDIES FROM THE OPERATION BRAIN TRAUMA THERAPY (OBTT) CONSORTIUM. Neurotrauma Symposium, 2015 Symposium. June 28 - July 1, 2015. Santa Fe, New Mexico. **Journal of Neurotrauma. June 15, 2015, 32(12): A121-A121. Abstract n D8-23.**

Deng-Bryant Y, **Mondello S**, Leung L, Gilsdorf J, Pedersen R, Sun J, Flerlage W, Tortella FC, Shear DA. Evaluation of Glibenclamide in the WRAIR PBBI Model: Studies from the Operation Brain Trauma Therapy (OBTT) Consortium. Neurotrauma Symposium, 2015 Symposium. June 28 - July 1, 2015. Santa Fe, New Mexico. **Journal of Neurotrauma. June 15, 2015, 32(12): A122-A122. Abstract n D8-26.**

***Mondello S**, Browning M, Shear DA, Bramlett HM, Dixon CE, Schmid K, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. Biomarker Profiles Support a Neuroprotective Effect of Levetiracetam in TBI: findings from Operation Brain Trauma Therapy. Biomarker profiles support a neuroprotective effect of Levetiracetam in TBI: findings from Operation Brain Trauma Therapy. MHSRS/ATACCC. The 2015 Military Health System Research Symposium, 17-20 August 2015, Fort Lauderdale, Florida, USA.

*****Abstract selected for an ORAL PRESENTATION**

Caudle K, **Mondello S**, J Gidford, Tortella FC, Shear DA. Evaluation of Kollidon VA64 in the WRAIR PBBI Model: Studies from the Operation Brain Trauma Therapy. MHSRS/ATACCC. The 2015 Military Health System Research Symposium, 17-20 August 2015, Fort Lauderdale, Florida, USA. MHSRS-15-0356.

*****Abstract selected as best poster (1st place) session.**

Deng-Bryant Y, **Mondello S**, Leung L, Gilsdorf J, Tortella FC, Shear DA. Evaluation of Glibenclamide in the WRAIR PBBI Model: Studies from the Operation Brain Trauma Therapy (OBTT) Consortium. MHSRS/ATACCC. The 2015 Military Health System Research Symposium, 17-20 August 2015, Fort Lauderdale, Florida, USA. MHSRS-15-0702.

Wanner IB, Halford J, Itamura K, Levine J, Shen S, Loo JA, Glenn TC, **Mondello S**, Dietrich DW, Barazanji K, Gigliotti A, Mayer AW. Acute traumatic injury to human and porcine astrocytes associates with new biomarker release and proteolytic cleavage. Neuroscience 2015 - Society for Neuroscience, Oct.17-21, Chicago, Illinois, USA.

Toscano A, Montagnese E, Granata F, Rodolico C, **Mondello S**, Cucinotta M, Ciranni A, Longo M, Musumeci O. Intracranial arterial abnormalities in patients with late onset Pompe disease. NEUROMUSCULAR DISORDERS 25(2): S190-S190. Abstract n G.P.13.

***Mondello S**, Xanthopoulos P, Korenkevych D, Mujahid SN, Czeiter E, Barzo P, Tortella FC, Hayes RL, Pardalos P, Buki A. Multimodal Monitoring And Outcome Prediction After Traumatic Brain Injury Using Support Vector Machines. 12th Symposium of the International Neurotrauma Society (INTS), 1-4 February 2016, Cape Town, South Africa.

***Mondello S**, Shear DA, Bramlett HM, Dixon CE, Schmid K, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. The Potential Utility of Brain Injury Biomarker In Pre-clinical Drug Screening By Operation Brain Trauma Therapy. 12th Symposium of the International Neurotrauma Society (INTS), 1-4 February 2016, Cape Town, South Africa.

*****Abstract selected for an ORAL PRESENTATION**

***Mondello S**, Czeiter E, Sorinola A, Vámos Z, Synnot A, Sándor J, Wang K.K.W., Menon D.K., Maas A. I.R., Buki A. Circulating Brain Damage Markers For The Diagnosis And Outcome Prediction Of Traumatic Brain Injuries. 12th Symposium of the International Neurotrauma Society (INTS), 1-4 February 2016, Cape Town, South Africa.

z*Abstract selected for an ORAL PRESENTATION**

Hellewell, S., **Mondello, S.**, Conquest, A., Bellomo, R., Cooper, J., Vallance, S., Board, J., Morganti-Kossmann, C. Assessing the clinical utility and theragnostic potentials of biomarkers of traumatic brain injury: findings from the EPO-TBI clinical trial. 12th Symposium of the International Neurotrauma Society (INTS), 1-4 February 2016, Cape Town, South Africa.

Synnot, A, Gruen RL, Cnossen MC, Brazinova A, **Mondello S**, McFadyen C, Thomas J, Shemilt I, Parkhill A, Donoghue E, Menon D, Maas AI. *Operationalising Living Systematic Reviews: lessons from a large-scale pilot in traumatic brain*

injury. 24th Cochrane Colloquium, 23 - 27 October, 2016, Seoul, South Korea.

*****Abstract selected for LONG ORAL PRESENTATION**

***Mondello S**, Shear DA, Bramlett HM, Dixon CE, Schmid K, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. Differential Release Kinetics of Brain Injury Biomarkers across TBI Models: Findings from Operation Brain Trauma Therapy. MHSRS/ATACCC. The 2016 Military Health System Research Symposium, 15-18 August 2016, Orlando/Kissimmee, Florida, USA.

Kochanek PM, Bramlett HM, Dixon CE, Shear DA, Dietrich WD, **Mondello S**, Hayes RL, Wang KK, Povlishock J, Lafrenaye A, Tortella FC,. OPERATION BRAIN TRAUMA THERAPY: SYNOPSIS OF THE FIRST NINE THERAPIES IN MULTI-CENTER PRE-CLINICAL DRUG SCREENING. MHSRS/ATACCC. The 2016 Military Health System Research Symposium, 15-18 August 2016, Orlando/Kissimmee, Florida, USA.

*****Abstract selected for an ORAL PRESENTATION**

Rising S, Pedersen R, Sun J, Browning J, Gilsdorf J, Tortella F, **Mondello S**, Shear D. Dose-response evaluation of amantadine in the WRAIR PBBI model: studies from the Operation Brain Trauma Therapy (OBT) consortium. MHSRS/ATACCC. The 2016 Military Health System Research Symposium, 15-18 August 2016, Orlando/Kissimmee, Florida, USA.

Browning J, Deng-Bryant Y, Madathil S, Pedersen R, Sun J, Hahn J, Gilsdorf J, Tortella F, **Mondello S**, Shear D. EVALUATION OF AER-271 IN THE WRAIR PBBI MODEL: STUDIES FROM THE OPERATION BRAIN TRAUMA THERAPY CONSORTIUM. Neurotrauma Symposium, 2016 Symposium. 26 – 29 June, 2016. Lexington, Kentucky. **Journal of Neurotrauma. June 2016, 33(13): A64-A64. Abstract n PSA-145.**

***Mondello S**, Shear DA, Bramlett HM, Dixon CE, Dietrich WD, Wang KK, Hayes RL, Tortella FC, Kochanek PM. TIME COURSE OF BRAIN INJURY BIOMARKERS ACROSS TBI MODELS: FINDINGS FROM OPERATION BRAIN TRAUMA THERAPY. Neurotrauma Symposium, 2016 Symposium. 26 – 29 June, 2016. Lexington, Kentucky. **Journal of Neurotrauma. June 2016, 33(13): A64-A64. A83-A83. Abstract n PSB-196.**

Okada-Rising S, Pedersen R, Sun J, Browning J, Gilsdorf J, Tortella F, **Mondello S**, Shear D. DOSE-RESPONSE EVALUATION OF AMANTADINE IN THE WRAIR PBBI MODEL: STUDIES FROM THE OPERATION BRAIN TRAUMA THERAPY (OBT) CONSORTIUM. Neurotrauma Symposium, 2016 Symposium. 26 – 29 June, 2016. Lexington, Kentucky. **Journal of Neurotrauma. June 2016, 33(13): A64-A64. A127-A127. Abstract n PSB-320.**

Kochanek PM, Bramlett HM, Dixon CE, Shear DA, Dietrich WD, **Mondello S**, Hayes RL, Wang KK, Povlishock J, Lafrenaye A, Tortella FC,. OPERATION BRAIN TRAUMA THERAPY: SYNOPSIS OF THE FIRST NINE THERAPIES IN MULTI-CENTER PRE-CLINICAL DRUG SCREENING. Neurotrauma Symposium, 2016 Symposium. 26 – 29 June, 2016. Lexington, Kentucky. **Journal of Neurotrauma. June 2016, 33(13): A64-A64. A135-A135. Abstract n PSB-343.**

Montagnese F, **Mondello S**, Wenninger S, Schoser B. Assessing the impact of gender on the phenotype of myotonic dystrophy type 2: a cohort of 307 patients. **3rd Congress of the European Academy of Neurology - Amsterdam, June 24–27, 2017. EUROPEAN JOURNAL OF NEUROLOGY . 24 Supplement 1** Pages: 96-96 Meeting Abstract: O3215.

Buki A, Sorinola A, **Mondello S**, Czeiter E, Sándor J. Outcome prediction in traumatic brain injury. Euro Academia Multidisciplinaria Neurotraumatologica (EMN). 22ND Annual Congress - New Perspectives in Traumatology. May 25th-27th, 2017, Pavia, Italia.

***Mondello S**, Sorinola A, Czeiter E, Sándor J, Buki A. Clinical Studies of the Utility of Circulating Brain Damage Markers for the Diagnosis of Traumatic Brain Injuries. Euro Academia Multidisciplinaria Neurotraumatologica (EMN). 22ND Annual Congress - New Perspectives in Traumatology. May 25th-27th, 2017, Pavia, Italia.

Kochanek PM, Bramlett HM, Dixon CE, Tortella FC, Dietrich WD, **Mondello S**, Hayes RL, Wang KK, Povlishock J, Lafrenaye A, Poloyac S, Empey P, Gilsdorf J, Shear DA. Overview of the first 12 therapies being evaluated by Operation Brain Trauma Therapy, a pre-clinical multi-center drug and biomarker screening consortium for traumatic brain injury. MHSRS/ATACCC. The 2017 Military Health System Research Symposium, 27-30 August 2017, Orlando/Kissimmee, Florida, USA.

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Si autorizza il trattamento dei dati personali ai sensi del Decreto Legislativo n. 196/2003 e del Regolamento Europeo n. 679/2016.

Messina, li 12/09/2023