

La ricerca scientifica nel Dipartimento di Scienze Mediche e Chirurgiche (2021)

Relazione sulle attività di ricerca scientifica del DSMC

Il corpo docente del Dipartimento di Scienze Mediche e Chirurgiche (DSMC) è attualmente composto da 18 professori ordinari, 30 professori associati e 31 ricercatori (di cui 8 ricercatori a tempo indeterminato, 11 RTDb e 12 RTDa), afferenti a multiple aree disciplinari, tra le quali risultano maggiormente rappresentate l'area delle Scienze Biologiche (05), delle Scienze Mediche (06), e dell'Ingegneria Industriale e dell'Informazione (09). Nel corso dell'anno di riferimento, afferivano inoltre al DSMC 14 titolari di Assegno di Ricerca.

La struttura amministrativa-gestionale del Dipartimento di Scienze Mediche e Chirurgiche, sancita dall'atto di costituzione dei Dipartimenti di Area Medica di cui al Decreto Rettorale n. 770 del 28.07.2011 a seguito dell'entrata in vigore della legge 240/2010, cui il DSMC è stato tra i primi in Italia ad adeguarsi, è funzionale al perseguimento degli obiettivi del Dipartimento.

La Struttura amministrativo-contabile creata a servizio dei Centri di Gestione dell'Area Biomedico-Farmacologica di cui al D.D.G. n. 1253 del 09.11.2016. Nel corso del 2021, grazie ad un importante investimento da parte dell'Ateneo, la struttura amministrativo-contabile del DSMC ha compiuto una ristrutturazione strategica di notevole rilievo, ampliando la squadra del personale in servizio, che attualmente comprende:

- Un Funzionario di Categoria EP incaricato della funzione di Coordinamento della struttura;
- Due Funzionari di Categoria D, di cui uno incaricato delle funzioni di Vice-Coordinatore;
- Otto unità di personale TA di categoria C;
- Cinque unità di personale TA di categoria B.

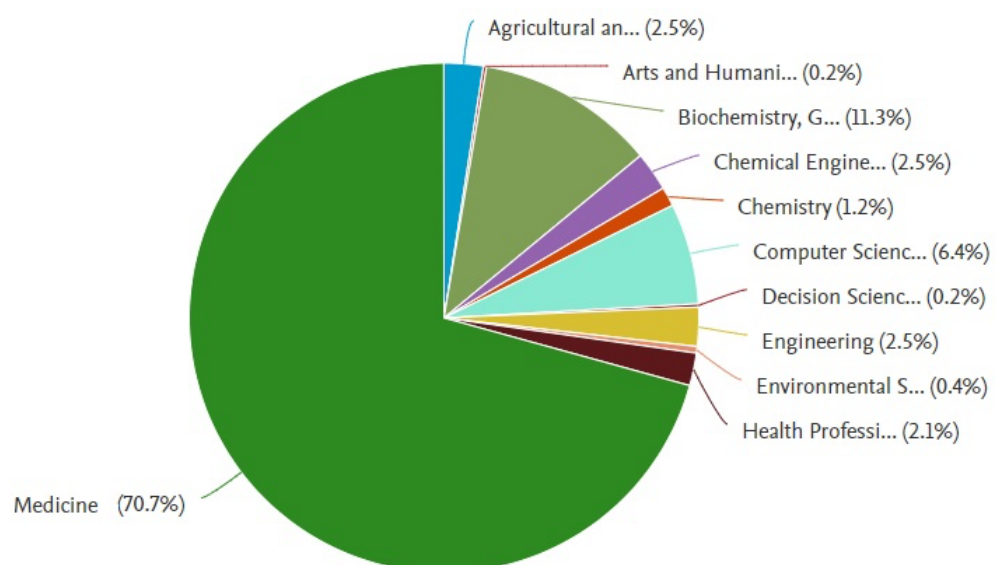
Alle suddette unità di personale vanno aggiunte, per il Dipartimento di Scienze Mediche e Chirurgiche al 31/12/2021, quattro unità di personale TA di cui tre unità appartenenti all'Area Amministrativa ed una appartenente all'Area Socio-Sanitaria che afferiscono al Dipartimento e trovano la loro allocazione lavorativa presso le Cattedre ad esso afferenti. Nel corso del 2021 è stata inoltre attivata una posizione di Tecnologo di categoria D, dedicata al supporto tecnico per la gestione degli Studi conto terzi.

La presenza di risorse e competenze eterogenee ma allo stesso tempo complementari rappresenta uno dei punti di forza del DSMC. Le sinergie generate dalle collaborazioni tra le diverse aree

disciplinari risultano infatti molto utili al perseguimento della comune missione di accrescere il patrimonio di conoscenza nel settore delle scienze della salute e di incrementare il benessere del paziente traducendo le conoscenze scientifiche in soluzioni terapeutiche innovative. Tale peculiarità rappresenta inoltre un importante valore aggiunto nell'era della emergente medicina personalizzata. La complementarità delle linee di ricerca condotte nell'ambito del DSMC e coinvolgenti le Scienze Mediche, Biologiche ed Informatiche ha garantito una notevole attività di ricerca di base, clinica e traslazionale consentendo in numerosi settori della medicina che si traduce in una produzione scientifica di elevata qualità lo sviluppo di nuove linee di ricerca in settori emergenti quali la medicina personalizzata, le nuove frontiere della biologia cellulare e molecolare e la ricerca clinica sui nuovi biomarcatori. La collaborazione tra aree scientifico-disciplinari diverse rappresenta infatti un punto di partenza imprescindibile per il raggiungimento di ambiziosi risultati scientifici, sia nell'ambito dell'area delle scienze mediche che nelle altre aree.

L'importanza della complementarità dei diversi settori disciplinari si evince molto bene dal grafico riportato qui sotto. Si evidenzia infatti come, sebbene la larga maggioranza dei prodotti di ricerca ricadino nell'ambito delle Scienze Mediche, questi rappresentino poco più della metà dell'intera produzione, mentre altre aree hanno visto la propria produttività incrementarsi grazie alle collaborazioni ed alle possibili ricadute applicative in ambito clinico.

Documents by subject area



L'elevato numero di collaborazioni scientifiche che docenti e ricercatori del Dipartimento di Scienze Mediche e Chirurgiche promuove anche nei confronti di istituzioni di ricerca terze testimonia l'importanza strategica di tali collaborazioni. In particolar modo, la collaborazione con prestigiosi istituti di ricerca nazionali ed internazionali consente di mantenere un elevato grado di internazionalizzazione delle attività del Dipartimento, contribuendo inoltre a diffondere e consolidare l'immagine del DSMC e dell'Ateneo nell'ambito della comunità scientifica internazionale. La presenza di un ampio network di collaborazioni esterne, come ben evidenziato dall'elenco riportato nell'allegato 1 al presente documento, rappresenta inoltre una utile risorsa per i giovani ricercatori ed i dottorandi attivi presso il Dipartimento di Scienze Mediche e Chirurgiche, i quali anche grazie al network di collaborazioni esistenti sono facilitati nell'avviare nuove collaborazioni di ricerca e/o nell'intraprendere nuove esperienze di lavoro presso prestigiose Istituzioni di ricerca internazionali. Infine, l'esistenza di una solida rete di collaborazioni scientifiche multidisciplinari ed internazionali rappresenta un utile ausilio nell'accesso ai finanziamenti alla ricerca su base competitiva.

In considerazione della rilevanza e dei promettenti risultati finora raggiunti, il Dipartimento di Scienze Mediche e Chirurgiche intende proseguire e potenziare la strategia di collaborazione scientifica trasversale a diversi settori disciplinari, con particolare attenzione alle collaborazioni internazionali, anche attraverso i seguenti obiettivi:

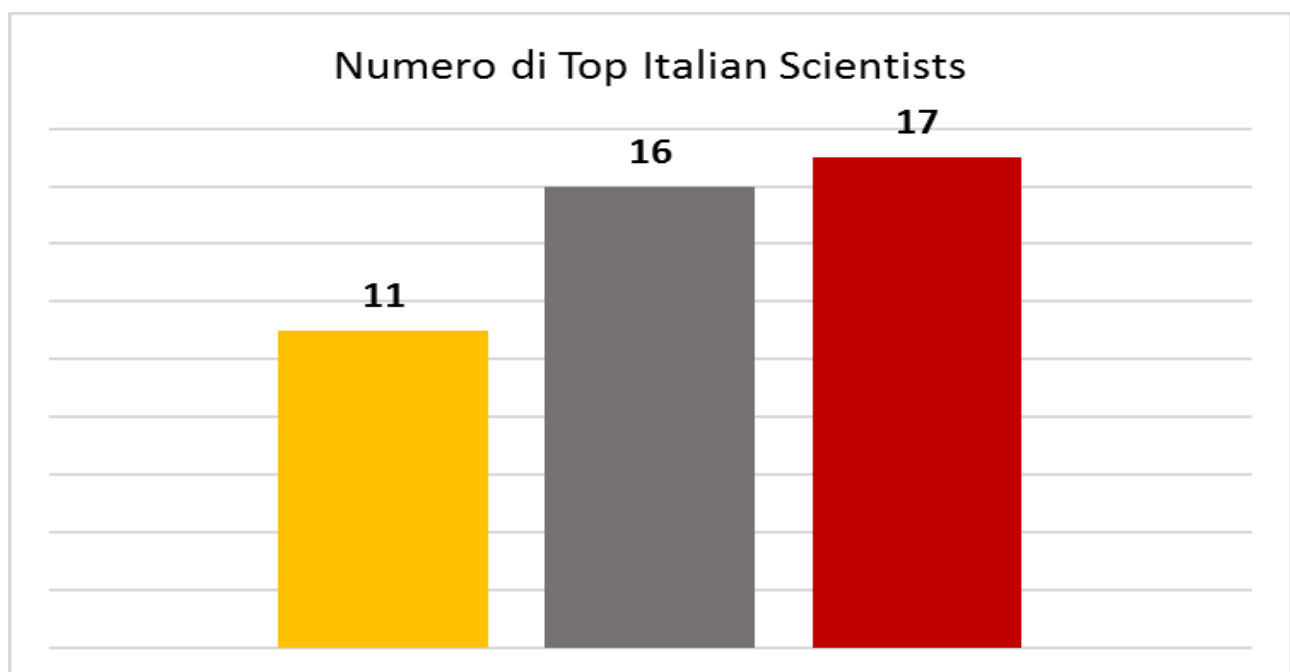
- promuovere il confronto e la collaborazione fattiva nella ricerca scientifica tra gli ambiti di ricerca di base, clinica e statistico-bioinformatico;
- potenziare lo scambio di conoscenze e di sviluppi applicativi con i collaboratori internazionali, con particolare riferimento alle metodiche innovative ed emergenti;
- favorire lo sviluppo sistemi di gestione integrata per la sostenibilità e l'affidabilità dei progetti di ricerca;
- mettere in atto un programma di diffusione dei risultati delle attività di ricerca, di protezione e promozione degli stessi, anche al fine di favorire la nascita di ulteriori collaborazioni e lo sviluppo di cordate estremamente competitive nell'ambito internazionale al fine di partecipare ai bandi di finanziamento della ricerca su base competitiva.

In riferimento a quest'ultimo obiettivo, nel corso del 2021, le attività sono state garantite dal ricorso alle tecnologie digitali, attraverso riunioni e webinar telematici. Tuttavia, il DSMC intende farsi promotore di un incremento degli incontri divulgativi e di programmazione e coordinamento

delle attività scientifiche in presenza, non appena questo sarà reso fattibile dalla semplificazione delle regole imposte dall'emergenza legata all'epidemia COVID-19.

Attività Scientifica

Nel corso dell'ultimo anno, la posizione del Dipartimento di Scienze Mediche e Chirurgiche nell'ambito del panorama nazionale ed internazionale si è ulteriormente consolidata, vedendo inoltre crescere il numero di Top Italian Scientists (fonte: VIA Academy), ponendo il nostro Ateneo al primo posto tra gli Atenei pubblici italiani. All'interno del corpo docente del DSMC il numero dei Top Italian Scientist è ulteriormente cresciuto rispetto agli anni precedenti, raggiungendo il massimo storico di 17.



In virtù dei risultati conseguiti nel corso degli ultimi anni, le attività di ricerca di collaborazione internazionale si sono intensificate nel corso del 2021, come evidenziato in maggior dettaglio nell'elenco allegato in calce al presente documento.

Nel corso del 2021 il Centro di Ricerca "Data Analytics", istituito al termine del 2017, ha proseguito proficuamente la propria attività scientifica, anche in forza dei finanziamenti ricevuti nell'ambito dei fondi di Ateneo e dei fondi POR Regione Calabria. In particolare, nel corso dell'ultimo anno 2021 è proseguita l'attività di ricerca avviata negli anni precedenti, con particolare riferimento all'analisi data mining di dati omici (dati gene expression e SNP) e clinici (segnali EEG), all'analisi di

reti biologiche e pathways, e all'analisi di dati COVID-19. Tali attività hanno portato alla pubblicazione di numerosi articoli scientifici pubblicati in riviste ad alto impatto: BMC bioinformatics, Information Sciences, Briefings in Bioinformatics. Inoltre, è stata attivata una nuova linea di ricerca, dal titolo Intelligenza Artificiale in Bioinformatica, che ha portato alla stesura del libro: Artificial Intelligence in Bioinformatics: From omics analysis, to deep learning and network mining (Elsevier), in corso di pubblicazione. Nel corso del 2020/2021 il CR Data Analytics ha partecipato alla stesura del progetto "Launching of AI&Cyber Innovation in Calabria" che è stato selezionato dal Ministero per lo Sviluppo Economico per poter partecipare al bando europeo Call DIGITAL-2021-EDIH-01-INITIAL — Initial Network of European Digital Innovation Hubs. Negli ultimi mesi del 2021 e i primi mesi del 2022 è in corso la stesura di tale proposta europea nella quale il budget per l'Università di Catanzaro è pari a Euro 470.000 interamente finanziato dal MiSE e dall'Unione Europea.

Il Centro di Ricerca di Ateneo per le Malattie Cardiovascolari, istituito nel corso del 2018, sotto la responsabilità del Professore Ciro Indolfi, aveva avviato la propria attività scientifica nel corso del 2019, avviando nuovi progetti di ricerca, tra i quali il progetto di ricerca sull'impatto dell'Ematopoiesi Clonale di incerto significato clinico (Clonal Hematopoiesis of Indeterminate Potential, CHIP) sul rischio di Infarto Miocardico Acuto in giovani adulti. Nel corso del 2021, le attività di ricerca del CR di Ateneo per le Malattie Cardiovascolari ha proseguito proficuamente la propria attività, proseguendo nell'ambito della linea di ricerca sopra citata sull'ematopoiesi clonale, ed ampliando le proprie attività di ricerca ad ulteriori progetti incentrati su: i) biologia vascolare in risposta al danno; ii) il ruolo degli RNA non codificanti nella biologia cardiovascolare; iii) l'utilità degli RNA non codificanti circolanti quali biomarcatori delle malattie cardiovascolari; iv) l'angioplastica robotica; v) l'impatto delle procedure terapeutiche di interventistica strutturale cardiaca sulla fisiopatologia clinica; vi) la fisiologia coronarica; vii) l'impatto del COVID-19 sulle malattie cardiovascolari.

Nell'ambito delle missioni del DSMC le attività del terzo settore rappresentano un punto di centrale importanza. Il DSMC intende proseguire tali attività, al fine di consolidare la posizione del DSMC nel terzo settore e di garantire introiti finanziari che aiutino a mantenere un la continuità di funzionamento e possibilmente l'ulteriore ampliamento delle core facilities strategiche di biologia cellulare e molecolare, metodiche di screening di biomarcatori, di fisiologia intravascolare.

Nonostante le difficoltà oggettive legate alla pandemia COVID-19, anche nel corso del 2021 si è registrata una notevole attività di ricerca per conto terzi. Sono infatti stati attivate nuove

commesse di ricerca per 13 Studi Clinici in convenzione, per un valore complessivo di 479.747,16 euro (vedi elenco all'allegato 2). Tale successo è reso possibile da una sinergia di fattori, tra i quali l'elevato profilo dei ricercatori medici del DSMC che riesce ad attrarre commesse di ricerca assolutamente rilevanti, ma anche dagli elevati standard qualitativi nella gestione degli aspetti logistici legati ai processi di valutazione dei protocolli di ricerca e di contrattazione. A tal riguardo, la presenza di un funzionario amministrativo e di un tecnologo prevalentemente dedicati alla gestione degli aspetti formali degli studi conto terzi, nonché la presenza di docenti del DSMC nel Comitato Etico della Regione Calabria rappresentano senz'altro un valore aggiunto.

La promozione della salute, attraverso eventi divulgativi e seminarie ma anche di attività culturali e sociali riveste da sempre una priorità per il DSMC. La sensibilità verso le tematiche sociali della promozione della salute sono ancora più sentite nell'ambito del DSMC in considerazione dell'elevato numero di medici all'interno del corpo docente.

Nel corso del prossimo anno, si prevede di poter ripristinare e potenziare le attività di divulgazione e promozione dei risultati delle ricerche in modalità più estesa ed in presenza, con i seguenti obiettivi:

- promuovere la consapevolezza dell'importanza delle attività di ricerca scientifica ed assistenza clinica nell'ambito territoriale di azione del Dipartimento;
- favorire la crescita della rete di collaborazione scientifica basata sulla pubblicazione di articoli su riviste di settore con la partecipazione congiunta di esperti in ricerca cardiovascolare, biologia, genetica e biostatistica;
- organizzare un maggior numero di eventi scientifici internazionali, finalizzati alla diffusione dei risultati delle attività di ricerca ed al rafforzamento della rete di collaborazione internazionale;
- reperire ulteriori fondi per la ricerca che possano accrescere ed estendere la capacità del Dipartimento nel perseguire gli obiettivi preposti a livello nazionale ed internazionale;
- rafforzare la posizione del Dipartimento nell'ambito delle attività del Terzo Settore.

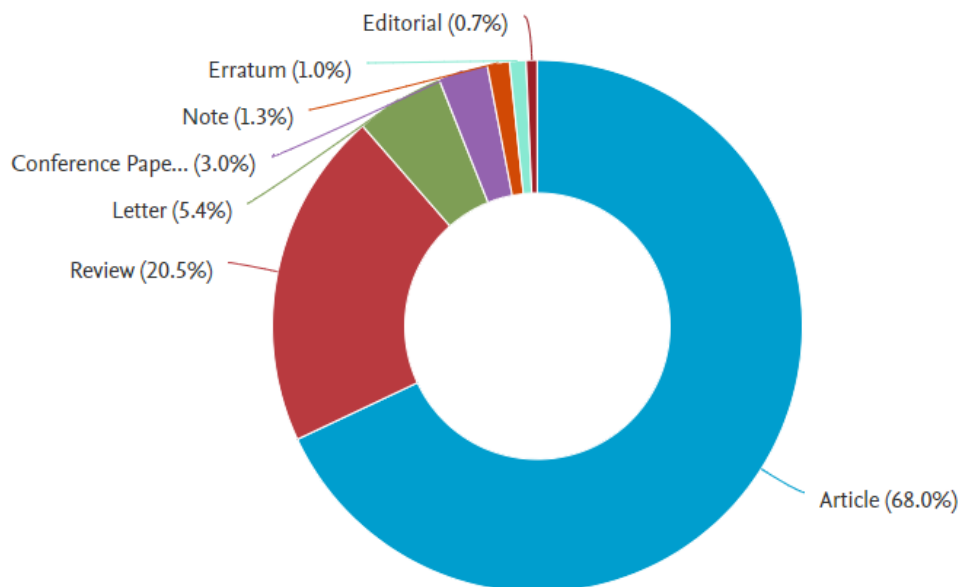
L'analisi dei prodotti di ricerca, tanto dal punto di vista quantitativo che qualitativo, evidenzia un profilo eccellente per il Dipartimento di Scienze Mediche e Chirurgiche, come recentemente documentato dall'eccellente risultato posizionamento in ambito nazionale nel corso dell'ultima ANVUR dei Dipartimenti, nell'ambito della quale il punteggio dell'Indicatore Standardizzato di Performance Dipartimentale (ISPD) per il DSCM era di 99,5/100.

L'adozione delle piattaforme IRIS ed UNIBAS da parte dell'Ateneo consentirà un sempre migliore monitoraggio delle attività di ricerca del DSMC con la possibilità di ulteriormente migliorare la

programmazione, consentendo di orientare al meglio le politiche di promozione e valorizzazione della ricerca prodotta dal Dipartimento.

Nel corso dell'anno 2021 la produzione scientifica del DSMC ha registrato una ulteriore crescita rispetto agli anni precedenti, attestandosi su 312 lavori scientifici pubblicati su riviste sottoposte a revisione indipendente tra pari (fonte: Scopus), per un Impact Factor totale (Thomson Reuter) di 665. Le pubblicazioni generate nel corso dell'anno hanno già raccolto oltre 800 citazioni, a testimonianza dell'attualità dei temi oggetto delle stesse.

Documents by type



Allegato 1 – Relazione sulle attività di ricerca scientifica del DSMC 2021

Principali collaborazioni scientifiche internazionali del DSMC:

- Prof. Gregory Lip, University of Birmingham Institute of Cardiovascular Sciences, City Hospital, (Regno Unito).
- Chelsea and Westminster Hospital Foundation Trust, HIV Clinic (London, United Kingdom).
- Makerere University (Kampala, Uganda).
- Imperial College London, UK.
- Duke University, NC, USA.
- Columbia University, New York, New York, USA.
- Johannes Gutenberg University Mainz, Germany.
- Royal Brompton Hospital, London, UK.
- Hammersmith Hospital, London, UK.
- Hrefield Hospital, Harefield, UK.
- Medical University of Vienna, Austria.
- Medical University of Varsavia, Poland.
- Goethe University Frankfurt, Germania.
- Dipartimento di Patologia King George S. Medical University, Lucknow, Uttar, India.
- Centro di Scienze Farmaceutiche, Facoltà di Scienze della vita, Università di Vienna.
- KAUST (King Abdullah University of Science and technology), Arabia Saudita.
- Centro Genetico Greenwood, Stati Uniti.
- School of Natural Sciences and Psychology-Liverpool John Moores University.
- School of Natural Sciences and Psychology-Liverpool John Moores University.
- Reparto di Cardiologia dell'Ospedale Joseph Trueta di Girona.
- Dipartimento di Psicologia della Boston University.
- Laboratorio della dott.ssa Cristina Romani (Aston University, Birmingham, UK).
- Sahlgrenska Center for Cardiovascular and Metabolic Research, University of Gothenburg, Svezia.
- Department of Chemistry and Molecular Biology, University of Gothenburg, Sweden.
- Department of Psychology, Stockholm University, Sweden.
- Department of Psychology, Temple University, Philadelphia, USA.
- Department of Psychology, University of Tennessee, Knoxville, USA.
- School of Psychology, University of Adelaide, Australia.
- Institute of Neuroscience and Psychology, University of Glasgow, Glasgow, UK.
- Department of Psychology, McGill University, Montreal, Canada.
- Department of Psychology, Ashland University, USA, Ohio, USA.
- School of Psychotherapy and Psychology, Regent's University London, London, UK.
- Department of Psychiatry. Al-Yarmook Teaching Hospital, Baghdad, Iraq.
- College of Medicine, Department of Medicine, Section of Psychiatry, University of Baghdad, Baghdad, Iraq.

- Department of biology, Kemerovo State University, Kemerovo Oblast', Russia.
- Department of Paediatric Gastroenterology Great Ormond Street Hospital for Sick Children WC1N 3JH, London, UK.
- Pediatric Gastroenterology. The Ohio State University College of Medicine, USA.
- Hepatology and Liver Transplant Service Children's Health Queensland Hospital, Australia.
- Hepatology and Nutrition University of Miami, Miller School of Medicine, USA.

Allegato 2 – Relazione sulle attività di ricerca scientifica del DSMC 2021

Elenco dei nuovi Studi Clinici per conto terzi attivati nel corso dell'anno

Committente	descrizione	Importo (euro)	Responsabile
ALLERGAN LTD - IRELAND	Accordo di coll. scientifica	13.200,00	Dott. Adriano Carnevali
PAREXEL International (UCB Biosciences)	Studio clinico EP0103	16.065,99	Prof. Antonio Gambardella
CONCEPT Medical Inc. Tampa	Studio Clinico Ability	32.000,00	Prof. Ciro Indolfi
NOVO NORDISK Spa	Studio Clinico NN1436-4480	83.082,00	Prof. Francesco Andreozzi
NOVO NORDISK Spa	Studio clinico NN9931-4553	75.668,80	Prof. Francesco Andreozzi
NGN Health Care	Studio Clinico Fluxovas	12.200,00	Prof. Vincenzo Scordia
ESAOTE Spa	Contratto comodato uso	-	Prof. Ciro Indolfi
Fondazione Bietti IRCCS – Roma	Studio clinic DIABEC	3.050,00	Prof. Vincenzo Scordia
IQVIA (Menarini)	Studio clinic MASACCIO	7.671,36	Prof.ssa Angela Sciacqua
Abbott (St Jude Medical)	Studio Clinico SYNC-AV	160.250,00	Prof. Antonio Curcio
IZS del Mezzogiorno	Accordo coll. Scientifica	18.000,00	Prof. Carlo Torti
ELLEBI Research (Alfa Sigma Spa)	Studio clinic VEINS	29.280,00	Prof. Raffaele Serra
GB Pharma Services and Clin. Governance (PIAM Farmaceutici)	Studio clinic CITIPARK	29.280,00	Prof. Antonio Gambardella

Allegato 3 – Relazione sulle attività di ricerca scientifica del DSMC 2021

Elenco delle pubblicazioni del Dipartimento

	Title	Source title
1	The Mental Health of Caregivers and Their Patients With Dementia During the COVID-19 Pandemic: A Systematic Review	Frontiers in Psychology
2	Altered circulating marinobufagenin levels and recurrent intradialytic hypotensive episodes in chronic hemodialysis patients: a pilot prospective study	Reviews in Cardiovascular Medicine
3	Cardiac stem cell therapy towards the clinic: The way forward re-starts from within	International Journal of Cardiology
4	Progressive Myoclonus Epilepsies Diagnostic Yield with Next-Generation Sequencing in Previously Unsolved Cases	Neurology: Genetics
5	Efficacy of Virtual Reality and Exergaming in Improving Balance in Patients With Multiple Sclerosis: A Systematic Review and Meta-Analysis	Frontiers in Neurology
6	How Is the History of Early Traumatic Exposure Associated With the Psychopathological Outcomes of COVID-19 Related Lockdown and Subsequent Re-opening in People With Eating Disorders?	Frontiers in Psychiatry
7	Respiratory Drive in Patients with Sepsis and Septic Shock: Modulation by High-flow Nasal Cannula	Anesthesiology
8	The limits of diagnosis of testicular torsion in the child: Medicolegal implications in clinical practice	Clinical Case Reports
9	Physical exercise with or without whole-body vibration in breast cancer patients suffering from aromatase inhibitor—induced musculoskeletal symptoms: A pilot randomized clinical study	Journal of Personalized Medicine
10	A genetic hypothesis for burnt-out steatohepatitis	Liver International
11	Sars-cov-2: Some aspects of molecular evolution cellular pathogenesis and immune system mechanism elusion	Applied Sciences (Switzerland)
12	From spheroids to organoids: The next generation of model systems of human cardiac regeneration in a dish	International Journal of Molecular Sciences
13	Hemp seeds in post-arthroplasty rehabilitation: A pilot clinical study and an in vitro investigation	Nutrients
14	Different circuitry dysfunction in drug-naive patients with juvenile myoclonic epilepsy and juvenile absence epilepsy	Epilepsy and Behavior
15	Correction to: Adjunctive Brivaracetam in Focal Epilepsy: Real-World Evidence from the BRIVAracetam add-on First Italian network Study (BRIVAFIRST) (CNS Drugs	CNS Drugs
16	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19	Scientific Reports
17	Epilepsy in “Sunflower syndrome”: electroclinical features therapeutic response and long-term follow-up	Seizure
18	In vitro CSC-derived cardiomyocytes exhibit the typical microRNA-mRNA	Communications Biology

	blueprint of endogenous cardiomyocytes	
19	Oxygenation strategies during flexible bronchoscopy: a review of the literature	Respiratory Research
20	Genetic risk scores and personalization of care in fatty liver disease	Current Opinion in Pharmacology
21	Intravitreal Dexamethasone Implant in Patients Who Did Not Complete Anti-VEGF Loading Dose During the COVID-19 Pandemic: a Retrospective Observational Study	Ophthalmology and Therapy
22	Adjunctive Brivaracetam in Focal Epilepsy: Real-World Evidence from the BRIVAracetam add-on First Italian netwoRk STudy (BRIVAFIRST)	CNS Drugs
23	Smoking habit as a risk amplifier in chronic kidney disease patients	Scientific Reports
24	Intraoperative protective ventilation in patients undergoing major neurosurgical interventions: a randomized clinical trial	BMC Anesthesiology
25	Early extubation with immediate non-invasive ventilation versus standard weaning in intubated patients for coronavirus disease 2019: a retrospective multicenter study	Scientific Reports
26	Neutrophil degranulation biomarkers characterize restrictive echocardiographic pattern with diastolic dysfunction in patients with diabetes	European Journal of Clinical Investigation
27	A 2-year prospective multicenter study of ultrasound cyclo plasty for glaucoma	Scientific Reports
28	Association between preoperative evaluation with lung ultrasound and outcome in frail elderly patients undergoing orthopedic surgery for hip fractures: study protocol for an Italian multicenter observational prospective study (LUSHIP)	Ultrasound Journal
29	A novel algorithm for finding top-k weighted overlapping densest connected subgraphs in dual networks	Applied Network Science
30	The TRIB3 R84 variant is associated with increased left ventricular mass in a sample of 2426 White individuals	Cardiovascular Diabetology
31	Differences in coagulopathy indices in patients with severe versus non-severe COVID-19: a meta-analysis of 35 studies and 6427 patients	Scientific Reports
32	Clinical features and comorbidity pattern of HCV infected migrants compared to native patients in care in Italy: A real-life evaluation of the PITER cohort	Digestive and Liver Disease
33	COPD significantly increases cerebral and cardiovascular events in hypertensives	Scientific Reports
34	Abnormal myocardial work in children with Kawasaki disease	Scientific Reports
35	Prone position in intubated	Critical Care
36	Sex-specific differences in left ventricular mass and myocardial energetic efficiency in non-diabetic pre-diabetic and newly diagnosed type 2 diabetic subjects	Cardiovascular Diabetology
37	MicroRNAs and long non-coding RNAs in the pathophysiological processes of diabetic cardiomyopathy: emerging biomarkers and potential therapeutics	Cardiovascular Diabetology
38	Metacognition and emotion regulation as treatment targets in binge eating disorder: a network analysis study	Journal of Eating Disorders
39	Combined lymphocyte/monocyte count D-dimer and iron status predict COVID-19 course and outcome in a long-term care facility	Journal of Translational Medicine
40	Risk and resilience factors for specific and general psychopathology worsening in people with Eating Disorders during COVID-19 pandemic: a retrospective Italian	Eating and Weight Disorders

	multicentre study	
41	Preoperative nasopharyngeal swab testing and postoperative pulmonary complications in patients undergoing elective surgery during the SARS-CoV-2 pandemic	British Journal of Surgery
42	Mutation analysis of the ATP13A2 gene in patients with PD and MSA from Italy	Journal of the Neurological Sciences
43	Small P values may not yield robust findings: an example using REST-meta-PD	Science Bulletin
44	Using dual-network-analyser for communities detecting in dual networks	BMC Bioinformatics
45	Position Paper on Young Vascular Surgeons Training of the Mediterranean Federation for the Advancing of Vascular Surgery (MeFAVS): State of the Art and Perspectives	Annals of Vascular Surgery
46	Ceftazidime-avibactam use for klebsiella pneumoniae carbapenemase-producing k. pneumoniae infections: A retrospective observational multicenter study	Clinical Infectious Diseases
47	Hypoxia-inducible factor stabilizers in end stage kidney disease: "can the promise be kept?"	International Journal of Molecular Sciences
48	Pharmacological treatment for acute traumatic musculoskeletal pain in athletes	Medicina (Lithuania)
49	Vitamin d serum levels in subjects tested for SARS-CoV-2: What are the differences among acute healed and negative COVID-19 patients? a multicenter real-practice study	Nutrients
50	A 2021 update on syphilis: Taking stock from pathogenesis to vaccines	Pathogens
51	Biopotential signal monitoring systems in rehabilitation: A review	Sensors
52	One-hour post-load hyperglycemia combined with HbA1c identifies individuals with augmented duodenal levels of sodium/glucose co-transporter 1	Diabetes Research and Clinical Practice
53	Efficacy and Safety of Jotec E-Ventus BX Stent Graft for Iliac Branch Device Procedure: A Retrospective Clinical Study	Annals of Vascular Surgery
54	Endothelial progenitor cells predict vascular damage progression in naive hypertensive patients according to sex	Hypertension Research
55	Sample selection and gold standard testing for a proper group comparison	European Journal of Neurology
56	Guillain-Barré syndrome following BNT162b2 COVID-19 vaccine	Neurological Sciences
57	Intensive cardiac care unit admission trends during the COVID-19 outbreak in Italy: a multi-center study	Internal and Emergency Medicine
58	Non-alcoholic fatty liver disease (NAFLD) metabolic syndrome and cardiovascular events in atrial fibrillation. A prospective multicenter cohort study	Internal and Emergency Medicine
59	Psychometric evaluation of an Italian custom 4-item short form of the PROMIS anxiety item bank in immune-mediated inflammatory diseases: An item response theory analysis	PeerJ
60	Dissociative Symptoms in Bipolar Disorder: Impact on Clinical Course and Treatment Response	Frontiers in Psychiatry
61	Has COVID-19 changed the approach to HIV diagnosis?: A multicentric Italian experience	Medicine
62	Multidisciplinary approach to a septic COVID-19 patient undergoing veno-venous	Clinical Case Reports

	extracorporeal membrane oxygenation and receiving thoracic surgery	
63	Effects of intermittent pneumatic compression on lower limb lymphedema in patients with type 2 diabetes mellitus: A pilot randomized controlled trial	Medicina (Lithuania)
64	The baby and the bath water: adult cardiac stem cells revisited	European heart journal
65	Direct antimicrobial susceptibility testing (AST) from positive blood cultures using Microscan system for early detection of bacterial resistance phenotypes	Diagnostic Microbiology and Infectious
66	Identification of a SCN5A founder mutation causing sudden death Brugada syndrome and conduction blocks in Southern Italy	Heart Rhythm
67	A bond between rheumatic diseases and cancer in the elderly: The interleukin-6 pathway	International Journal of Rheumatic Disease
68	Efficacy and durability of two- vs. three-drug integrase inhibitor-based regimens in virologically suppressed HIV-infected patients: Data from real-life ODOACRE cohort	HIV Medicine
69	Predictive factors of Status Epilepticus and its recurrence in patients with adult-onset seizures: A multicenter long follow-up cohort study	Seizure
70	Avoiding complications during prone position ventilation	Intensive and Critical Care Nursing
71	Systematic review and meta-analysis of the clinical effectiveness of point-of-care testing for anticoagulation management during ECMO	Journal of Clinical Anesthesia
72	Parallel and distributed association rule mining in life science: A novel parallel algorithm to mine genomics data	Information Sciences
73	Efficacy of Preoperative Music Intervention on Pain and Anxiety in Patients Undergoing Cataract Surgery	Frontiers in Pharmacology
74	Effects of the COVID-19 pandemic on the formation of fellows in training in cardiology	Journal of cardiovascular medicine (Hager
75	Comparative analysis of ocular redness score evaluated automatically in glaucoma patients under different topical medications	European Journal of Ophthalmology
76	Infrared thermography as a diagnostic tool for the assessment of patients with symptomatic peripheral arterial disease undergoing infra femoral endovascular revascularisations	Diagnostics
77	MMRFBiolinks: An R-package for integrating and analyzing mmrf-compass data	Briefings in Bioinformatics
78	Using BioPAX-Parser (BiP) to enrich lists of genes or proteins with pathway data	BMC Bioinformatics
79	Psychological distress and work environment perception by physical therapists from southern Italy during COVID-19 pandemic: The C.A.L.A.B.R.I.A study	International Journal of Environmental R
80	Monoclonal antibodies targeting alarmins: A new perspective for biological therapies of severe asthma	Biomedicines
81	Screening of postpartum diabetes in women with gestational diabetes: high-risk subgroups and areas for improvements—the STRONG observational study	Acta Diabetologica
82	Correction to: Screening of postpartum diabetes in women with gestational diabetes: high-risk subgroups and areas for improvements—the STRONG observational study (Acta Diabetologica	Acta Diabetologica

83	Low-Dose of Rocuronium During Thyroid Surgery: Effects on Intraoperative Nerve-Monitoring and Intubation	Journal of Surgical Research
84	Postictal Psychosis in Epilepsy: A Clinicogenetic Study	Annals of Neurology
85	Executive functions and depressive symptoms interplay in binge eating disorder: A structural equation model analysis	European Eating Disorders Review
86	The forensic analysis of homemade explosive suicides: Case report and systematic review of the literature	Journal of Forensic Sciences
87	Analyzing host-viral interactome of SARS-CoV-2 for identifying vulnerable host proteins during COVID-19 pathogenesis	Infection, Genetics and Evolution
88	End-stage ankle osteoarthritis: arthroplasty offers better quality of life than arthrodesis with similar complication and re-operation rates—an updated meta-analysis of comparative studies	International Orthopaedics
89	Hyperglycemia at admission comorbidities and in-hospital mortality in elderly patients hospitalized in internal medicine wards: data from the RePoSI Registry	Acta Diabetologica
90	Neuropsychological assessment could distinguish among different clinical phenotypes of progressive supranuclear palsy: A Machine Learning approach	Journal of Neuropsychology
91	Impact of Sacubitril/Valsartan on Clinical and Echocardiographic Parameters in Heart Failure Patients With Reduced Ejection Fraction: Data From a Real Life 2-year Follow-Up Study	Frontiers in Pharmacology
92	Does an association between cigarette smoking and Parkinson's Disease-related psychosis exist? Insights from a large non-demented cohort	Journal of the Neurological Sciences
93	Association Between Sleep Apnea and Valvular Heart Diseases	Frontiers in Medicine
94	Clinical data annotation for parotid neoplasia management	Proceedings - 2021 IEEE 9th International ISCHI 2021
95	Glucocorticoid-induced leucine zipper (GILZ) in cardiovascular health and disease	Cells
96	Sars-cov-2 spread dynamics in Italy: The Calabria experience	Reviews on Recent Clinical Trials
97	Association between inguinal hernia and arterial disease: A preliminary report	Biology
98	Predictors of renal function worsening in patients with chronic obstructive pulmonary disease (COPD): A multicenter observational study	Nutrients
99	Kinetic analysis of lidocaine elimination by pig liver cells cultured in 3D multi-compartment hollow fiber membrane network perfusion bioreactors	Bioengineering
100	The effects of COVID-19 on the eating habits of children and adolescents in Italy: A pilot survey study	Nutrients
101	Orbito-frontal thinning together with a somatoform dissociation might be the fingerprint of PNES	Epilepsy and Behavior
102	SMART: stroke-like migraine attacks after radiation therapy or seizures with migraine-like attacks after radiation therapy? Terms do matter in clinical practice	Neurological Sciences
103	Heparin in COVID-19 Patients Is Associated with Reduced In-Hospital Mortality: The Multicenter Italian CORIST Study	Thrombosis and Haemostasis
104	Histopathology and immunophenotyping of late onset cutaneous manifestations of	World Journal of Clinical Cases

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105	Early reduction of left atrial function predicts adverse clinical outcomes in patients with severe aortic stenosis undergoing transcatheter aortic valve replacement	Open Heart
106	Alterations in circulating micrnas and the relation of micrnas to maximal oxygen consumption and intima-media thickness in ultra-marathon runners	International Journal of Environmental R
107	Effects of rehabilitation on reducing dyskinesias in a parkinson's disease patient abusing therapy with levodopa-carbidopa intestinal gel: A paradigmatic case report and literature review	Journal of Biological Regulators and Hor
108	Spinal orthoses prescription for vertebral fragility fractures by italian physical and rehabilitation medicine physicians: The SPIN-VER survey	Healthcare (Switzerland)
109	The synergic use of the high power laser therapy and glu-cosamine sulfate in knee osteoarthritis: A randomized controlled trial	Acta Biomedica
110	New-onset diabetes endothelial dysfunction and cardiovascular outcomes in hypertensive patients: An illness-event model analysis	Biomedicines
111	Physical exercise and cardiac repair: The potential role of nitric oxide in boosting stem cell regenerative biology	Antioxidants
112	Depressed myocardial mechano-energetic efficiency in subjects with dysglycemia	Diabetes Research and Clinical Practice
113	Comparison Between Sirolimus- and Paclitaxel-Coated Balloon for Revascularization of Coronary Arteries: The SIRPAC (Sirolimus-PAClitaxel) Study	Cardiovascular Revascularization Medic
114	Ferric carboxymaltose treatment for iron deficiency anemia in children with inflammatory bowel disease: Efficacy and risk of hypophosphatemia	Digestive and Liver Disease
115	The Role of Immunosuppressive Therapy in Aneurysmal Degeneration of Hemodialysis Fistulas in Renal Transplant Patients	Annals of Vascular Surgery
116	Follow-up of women with a history of gestational diabetes in Italy: Are we missing an opportunity for primary prevention of type 2 diabetes and cardiovascular disease?	Diabetes/Metabolism Research and Revi
117	Impaired Clinical Efficacy of Aspirin in Hypoalbuminemic Patients With Diabetes Mellitus	Frontiers in Pharmacology
118	Sodium-Glucose Co-transporter-2 Inhibitors and Nephroprotection in Diabetic Patients: More Than a Challenge	Frontiers in Medicine
119	Effect of directly acting antivirals for hepatitis C virus infection on proprotein convertase subtilisin/kexin type 9 level	Health Science Reports
120	Mir-126 is an independent predictor of long-term all-cause mortality in patients with type 2 diabetes mellitus	Journal of Clinical Medicine
121	The effectiveness of the prevention measures on stroke incidence in patients with ipsilateral carotid disease	Italian Journal of Vascular and Endovasc
122	Psychological symptoms in dermatologic patients during the COVID-19 lockdown period: A double center experience	Italian Journal of Dermatology and Vene
123	Risk factors and prediction models for venous thromboembolism in ambulatory	Healthcare (Switzerland)

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124	Electromyographic assessment of anterior cruciate ligament injury risk in male tennis players: Which role for visual input? a proof-of-concept study	Diagnostics
125	Anterior cruciate ligament injury prevention exercises: Could a neuromuscular warm-up improve muscle pre-activation before a soccer game? a proof-of-principle study on professional football players	Applied Sciences (Switzerland)
126	Diaphragmatic Kinetics Assessment by Tissue Doppler Imaging and Extubation Outcome	Respiratory care
127	Sarcopenia and appendicular muscle mass as predictors of impaired fasting glucose/type 2 diabetes in elderly women	Nutrients
128	Role of physical exercise and nutraceuticals in modulating molecular pathways of osteoarthritis	International Journal of Molecular Science
129	Inborn and acquired risk factors for severe liver disease in Europeans with type 2 diabetes from the UK Biobank	JHEP Reports
130	Reply to: "Polygenic risk score: A promising predictor for hepatocellular carcinoma in the population with non-alcoholic fatty liver disease"	Journal of Hepatology
131	CBRA: Cardiac biomarkers release analyzer	Computer Methods and Programs in Biomedicine
132	Dystonia in Angelman syndrome: a common unrecognized clinical finding	Journal of Neurology
133	Opicapone-induced reversible myopathy in a patient with advanced Parkinson's disease and familial hyperCKemia	Neurological Sciences
134	Pathways to orthorexia nervosa: a case series discussion	Eating and Weight Disorders
135	Direct Oral Anticoagulants: From Randomized Clinical Trials to Real-World Clinical Practice	Frontiers in Pharmacology
136	Hyperglycemia at 1h-OGTT in Pregnancy: A Reliable Predictor of Metabolic Outcomes?	Frontiers in Endocrinology
137	Nox2 up-regulation and hypoalbuminemia in patients with type 2 diabetes mellitus	Free Radical Biology and Medicine
138	Italian cohort of Lafora disease: Clinical features disease evolution and genotype-phenotype correlations	Journal of the Neurological Sciences
139	Effectiveness of combined treatment using physical exercise and ultrasound-guided radiofrequency ablation of genicular nerves in patients with knee osteoarthritis	Applied Sciences (Switzerland)
140	Indirect comparison of the efficacy and safety of alirocumab and evolocumab: A systematic review and network meta-analysis	European Heart Journal - Cardiovascular Research
141	Risk factors for acute kidney injury and mortality in high risk patients undergoing cardiac surgery	PLoS ONE
142	Percutaneous electrical nerve stimulation (Pens) as a rehabilitation approach for reducing mixed chronic pain in patients with musculoskeletal disorders	Applied Sciences (Switzerland)
143	A case report of pneumomediastinum in a COVID-19 patient treated with high-flow nasal cannula and review of the literature: Is this a "spontaneous" complication?	Clinical Case Reports
144	Generation of human induced pluripotent stem cell lines (UNIMGi003-A and UNIMGi004-A) from two Italian siblings affected by Unverricht-Lundborg disease	Stem Cell Research

145	LPIAT1/MBOAT7 contains a catalytic dyad transferring polyunsaturated fatty acids to lysophosphatidylinositol	Biochimica et Biophysica Acta - Molecu	
146	The role of mitochondrial dynamics in cardiovascular diseases	British Journal of Pharmacology	
147	Evolving Treatment Paradigm in the Management of Diabetic Macular Edema in the Era of COVID-19	Frontiers in Pharmacology	
148	Iatrogenic ocular surface diseases occurring during and/or after different treatments for ocular tumours	Cancers	
149	Phylogenetic and molecular analyses of more prevalent hcv1b subtype in the Calabria region Southern Italy	Journal of Clinical Medicine	
150	Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS: The PROTECTION Pilot Randomized Clinical Trial	Chest	
151	The body across the lifespan: On the relation between interoceptive sensibility and high-order body representations	Brain Sciences	
152	Primary mucosal melanoma presenting with a unilateral nasal obstruction of the left inferior turbinate	Medicina (Lithuania)	
153	Characteristics	management	https://www.scopus.com/management 85104380639&doi=10.33
154	Exome-Wide Association Study on Alanine Aminotransferase Identifies Sequence Variants in the GPAM and APOE Associated With Fatty Liver Disease	Gastroenterology	
155	Identifying prognostic markers for multiple myeloma through integration and analysis of MMRF-CoMMpass data	Journal of Computational Science	
156	Accuracy of 1-Hour Plasma Glucose During the Oral Glucose Tolerance Test in Diagnosis of Type 2 Diabetes in Adults: A Meta-analysis	Diabetes care	
157	Discontinuation of antiseizure medications in seizure-free patients with long-term follow-up: Patients' profile seizure recurrence and risk factors	Epilepsy and Behavior	
158	Non-invasive stratification of hepatocellular carcinoma risk in non-alcoholic fatty liver using polygenic risk scores	Journal of Hepatology	
159	Facemask headache: a new nosographic entity among healthcare providers in COVID-19 era	Neurological Sciences	
160	Short-term choroidal vascular changes after aflibercept therapy for neovascular age-related macular degeneration	Graefe's Archive for Clinical and Experim	
161	The impact of sexual abuse on psychopathology of patients with psychogenic nonepileptic seizures	Neurological Sciences	
162	Perampanel as first add-on choice on the treatment of mesial temporal lobe epilepsy: an observational real-life study	Neurological Sciences	
163	An open-label trial on the efficacy and tolerability of naltrexone/bupropion SR for treating altered eating behaviours and weight loss in binge eating disorder	Eating and Weight Disorders	
164	Naturalistic and Uncontrolled Pilot Study on the Efficacy of Vortioxetine in Binge Eating Disorder With Comorbid Depression	Frontiers in Psychiatry	
165	Aging effect on head motion: A Machine Learning study on resting state fMRI data	Journal of Neuroscience Methods	

166	Synergic use of botulinum toxin injection and radial extracorporeal shockwave therapy in multiple sclerosis spasticity	Acta Biomedica
167	Continuous Positive Airway Pressure Improves Renal Function in Obese Patients With Obstructive Sleep Apnea Syndrome	Frontiers in Medicine
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170	Data science in unveiling COVID-19 pathogenesis and diagnosis: Evolutionary origin to drug repurposing	Briefings in Bioinformatics
171	Efficacy of a low-dose diosmin therapy on improving symptoms and quality of life in patients with chronic venous disease: Randomized double-blind placebo-controlled trial	Nutrients
172	What every reader should know about studies using electronic health record data but may be afraid to ask	Journal of Medical Internet Research
173	Analysis of the persistence time of the SARS-CoV-2 virus in the cadaver and the risk of passing infection to autopsy staff	The Medico-legal journal
174	Prone Positioning during Venovenous Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome A Multicenter Cohort Study and Propensity-matched Analysis	Annals of the American Thoracic Society
175	Novel biomarkers in cardiovascular surgery	Biomarkers in Medicine
176	Etiology and management of pediatric intestinal failure: Focus on the non-digestive causes	Nutrients
177	The Impact of Carbapenem Resistance on Mortality in Patients With Klebsiella Pneumoniae Bloodstream Infection: An Individual Patient Data Meta-Analysis of 1952 Patients	Infectious Diseases and Therapy
178	Long-term prognosis of juvenile myoclonic epilepsy: A systematic review searching for sex differences	Seizure
179	Effects of Alpha-2-HS-glycoprotein on cognitive and emotional assessment in prediabetic and diabetic subjects	Journal of Affective Disorders
180	Aggregometry and thromboelastography to identify the timing to trach a COVID-19 patient receiving both antiplatelet therapy and enoxaparin	Clinical Case Reports
181	Atrial fibrillation pattern	left atrial diameter and risk of cardiovascular morbidity and mortality: a multicenter cohort study
182	Pattern of comorbidities and 1-year mortality in elderly patients with COPD hospitalized in internal medicine wards: data from the RePoSI Registry	Internal and Emergency Medicine
183	Comparative Effectiveness of Orthoses for Thumb Osteoarthritis: A Systematic Review and Network Meta-analysis	Archives of Physical Medicine and Rehabilitation
184	Coverage of the requirements of first and second level stroke unit in Italy	Neurological Sciences
185	Effects of different mydriatics on the choroidal vascularity in healthy subjects	Eye (Basingstoke)
186	The Body Across Adulthood: On the Relation Between Interoception and Body	Frontiers in Neuroscience

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187	Therapeutic afucosylated monoclonal antibody and bispecific T-cell engagers for T-cell acute lymphoblastic leukemia	Journal for ImmunoTherapy of Cancer
188	One Hour-Post-load Plasma Glucose ≥ 155 mg/dl in Healthy Glucose Normotolerant Subjects Is Associated With Subcortical Brain MRI Alterations and Impaired Cognition: A Pilot Study	Frontiers in Aging Neuroscience
189	Protein Phosphatase 1 Regulatory Subunit 3B Genotype at rs4240624 Has a Major Effect on Gallbladder Bile Composition	Hepatology Communications
190	Clinical impact of psychopathy on bipolar disorder	Medicina (Lithuania)
191	A novel approach for cognitive clustering of parkinsonisms through affinity propagation	Algorithms
192	Aortic aneurysms chronic kidney disease and metalloproteinases	Biomolecules
193	Cow's milk allergy or gastroesophageal reflux disease—can we solve the dilemma in infants?	Nutrients
194	Underdiagnosis and undertreatment of osteoporotic patients admitted in internal medicine wards in Italy between 2010 and 2016 (the REPOSI Register)	Endocrine
195	Alternatives to valproate in girls and women of childbearing potential with Idiopathic Generalized Epilepsies: state of the art and guidance for the clinician proposed by the Epilepsy and Gender Commission of the Italian League Against Epilepsy (LICE)	Seizure
196	Real-Life Clinical and Functional Effects of Fluticasone Furoate/Umeclidinium/Vilanterol-Combined Triple Therapy in Patients with Chronic Obstructive Pulmonary Disease	Respiration
197	Varicella zoster immunity loss in multiple sclerosis patient treated with ocrelizumab	Clinical Immunology
198	Endothelial dysfunction and C-reactive protein predict the incidence of heart failure in hypertensive patients	ESC Heart Failure
199	PCSK9 rs11591147 R46L loss-of-function variant protects against liver damage in individuals with NAFLD	Liver International
200	Quantitative analysis of movements in facial nerve palsy with surface electromyography and kinematic analysis	Journal of Electromyography and Kinesiology
201	Nonalcoholic fatty liver disease is associated with a decreased myocardial mechano-energetic efficiency	Journal of Internal Medicine
202	Intravitreal dexamethasone implant one month before versus concomitant with cataract surgery in patients with diabetic macular oedema: the dexcat study	Acta Ophthalmologica
203	Management of patients with severe aortic stenosis in the TAVI-era: How recent recommendations are translated into clinical practice	Open Heart
204	COVID-19: High-JAKing of the Inflammatory “Flight” by Ruxolitinib to Avoid the Cytokine Storm	Frontiers in Oncology
205	IMPULSE: The impact of gender on the presentation and management of aortic stenosis across Europe	Open Heart

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208	Analysis and Classification of Patients with Acute Myocardial Infarction by Using Nonlinear Mixed-Effects Modeling	6th International Forum on Research and 2021 - Proceedings
209	Erratum: More Than Smell-COVID-19 Is Associated with Severe Impairment of Smell Taste	Chemical Senses
210	Carotid Endarterectomy versus Carotid Artery Stenting With Double-Layer Micromesh Carotid Stent: Contemporary Results of a Single-Center Retrospective Study	Annals of Vascular Surgery
211	Accuracy of controlled attenuation parameter for assessing liver steatosis in individuals with morbid obesity before bariatric surgery	Liver International
212	Pharmacological treatment of type 2 diabetes in elderly patients with heart failure: randomized trials and beyond	Heart Failure Reviews
213	Enlarging the clinical spectrum of chorea-acanthocytosis	Neurological Sciences
214	The Scent of Monogamy: Self-Reported Olfactory Function Predicts Sexual Well-Being and Infidelity in an Italian Population	Archives of Sexual Behavior
215	A software pipeline for pre-processing and mining EEG signals: Application in neurology	CEUR Workshop Proceedings
216	Sentiment analysis of medical questionnaires to improve adherence to telemonitoring programs	CEUR Workshop Proceedings
217	snpStorage: A database to store and share experimental SNPs data sets	CEUR Workshop Proceedings
218	Metabolic and genetic determinants for progression to severe liver disease in subjects with obesity from the UK Biobank	International Journal of Obesity
219	Corticospinal tract abnormalities and ventricular dilatation: A transdiagnostic comparative tractography study	NeuroImage: Clinical
220	Parallel Network Analysis and Communities Detection (PANC) Pipeline for the Analysis and Visualization of COVID-19 Data	Parallel Processing Letters
221	The socio-sexual experiences in southern italians during the COVID-19 pandemic: A clustering analysis	Psychiatria Danubina
222	Short-term evaluation of dupilumab effects in patients with severe asthma and nasal polyposis	Journal of Asthma and Allergy
223	Metabolites profiling of melanoma interstitial fluids reveals uridine diphosphate as potent immune modulator capable of limiting tumor growth	Frontiers in Cell and Developmental Bio
224	Explainable Boosting Machine for Predicting Alzheimer’s Disease from MRI Hippocampal Subfields	Lecture Notes in Computer Science (in Intelligence and Lecture Notes in Bioinfo
225	Progressive supranuclear palsy with marked ventricular dilatation mimicking normal pressure hydrocephalus	Neurological Sciences

226	Lopinavir/ritonavir and darunavir/cobicistat in hospitalized covid-19 patients: Findings from the multicenter italian corist study	Frontiers in Medicine	
227	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies	Neuropathology and Applied Neurobiology	
228	Infection infectious agents and vascular disease	Reviews on Recent Clinical Trials	
229	Bending Resistance at Hip and Fractures Risk in Postmenopausal Women Independent of Bone Mineral Density	Journal of Clinical Densitometry	
230	Exoskeleton versus end-effector robot-assisted therapy for finger-hand motor recovery in stroke survivors: systematic review and meta-analysis	Topics in Stroke Rehabilitation	
231	Hyper-religiosity and visual hallucinations in a patient with frontotemporal dementia carrying a double variant in GRN gene	Amyotrophic Lateral Sclerosis and Frontotemporal Dementia	
232	Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2: The COVIDSurg mortality score	British Journal of Surgery	
233	Emotion Mining: from Unimodal to Multimodal Approaches	Lecture Notes in Computer Science (including LNCS and subseries) and Lecture Notes in Bioinformatics	
234	WIND (Workflow for piRNAs aNd beyond): A strategy for in-depth analysis of small RNA-seq data	F1000Research	
235	What paradigm shifts occurred in the management of acute diverticulitis during the COVID-19 pandemic? A scoping review	World Journal of Clinical Cases	
236	Therapeutic approach to difficult-to-treat typical absences and related epilepsy syndromes	Expert Review of Clinical Pharmacology	
237	The impact of chronic kidney disease on peripheral artery disease and peripheral revascularization	International Journal of General Medicine	
238	Comorbidities in patients with epilepsy: Frequency mechanisms and effects on long-term outcome	Epilepsia	
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240	A Software Pipeline Based on Sentiment Analysis to Analyze Narrative Medicine Texts	Lecture Notes in Computer Science (including LNCS and subseries) and Lecture Notes in Bioinformatics	
241	Periprosthetic ankle infection: eradication rate complications and limb salvage. A systematic review	Foot and Ankle Surgery	
242	Optimization of transdisciplinary management of elderly with femur proximal extremity fracture: A patient-tailored plan from orthopaedics to rehabilitation	World Journal of Orthopedics	
243	A Polygenic Risk Score to Refine Risk Stratification and Prediction for Severe Liver Disease by Clinical Fibrosis Scores	Clinical Gastroenterology and Hepatology	
244	Disentangling the association of hydroxychloroquine treatment with mortality in covid-19 hospitalized patients through hierarchical clustering	Journal of Healthcare Engineering	
245	Clozapine management in schizophrenia inpatients: A 5-year prospective observational study of its safety and tolerability profile	Neuropsychiatric Disease and Treatment	
246	Vibration therapy role in neurological diseases rehabilitation: an umbrella review of	Disability and Rehabilitation	

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247	Epidemiology and outcomes of status epilepticus	International Journal of General Medicin
248	Scimitar syndrome: Role of right atrial longitudinal strain. a case report	Congenital Heart Disease
249	Outcome of hbv screening and vaccination in a migrant population in southern italy	Infezioni in Medicina
250	Multiple hormonal and metabolic deficiency syndrome predicts outcome in heart failure: the T.O.S.CA. Registry	European Journal of Preventive Cardiol
251	Environmental pollution and peripheral artery disease	Risk Management and Healthcare Policy
252	The adjunct of transcranial direct current stimulation to Robot-assisted therapy in upper limb post-stroke treatment	Journal of Medical Engineering and Techn
253	Diagnostic and therapeutic approach to drug-resistant juvenile myoclonic epilepsy	Expert Review of Neurotherapeutics
254	Platelet aggregometry for hip fracture surgery in patients treated with clopidogrel: a pilot study	Journal of Clinical Monitoring and Comp
255	Type i collagen-based devices to treat nerve injuries after oral surgery procedures. A systematic review	Applied Sciences (Switzerland)
256	A Review of the Effects of Valenced Odors on Face Perception and Evaluation	i-Perception
257	Neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio as biomarkers for cardiovascular surgery procedures: A literature review	Reviews on Recent Clinical Trials
258	Understanding the underlying molecular pathways by which Mboat7/Lpiat1 depletion induces hepatic steatosis	Journal of Lipid Research
259	A New Parallel Methodology for the Network Analysis of COVID-19 Data	Lecture Notes in Computer Science (in Intelligence and Lecture Notes in Bioinfo
260	Role of p38 mitogen-activated protein kinase in asthma and COPD: Pathogenic aspects and potential targeted therapies	Drug Design, Development and Therapy
261	Spotlight on corneal neurotization	Expert Review of Ophthalmology
262	Outcomes and complications following flexible intramedullary nailing for the treatment of tibial fractures in children: a meta-analysis	Archives of Orthopaedic and Trauma Sur
263	Novel COL4A2 mutation causing familial malformations of cortical development	European Review for Medical and Pharm
264	Structural genetics of circulating variants affecting the SARS-CoV-2 spike/human ACE2 complex	Journal of Biomolecular Structure and D
265	A systematic review on the role of microbiota in the pathogenesis and treatment of eating disorders	European Psychiatry
266	Impact of bipolar disorder and obsessive-compulsive disorder comorbidity on neurocognitive profile: A mini-review	Psychiatria Danubina
267	To which world regions does the valence–dominance model of social perception apply?	Nature Human Behaviour
268	Selective endothelin A receptor antagonism in patients with proteinuric chronic kidney disease	Expert Opinion on Investigational Drugs
269	Management of status epilepticus in patients with liver or kidney disease: a narrative review	Expert Review of Neurotherapeutics
270	Elective cancer surgery in COVID-19-free surgical pathways during the SARS-	Journal of Clinical Oncology

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271	Erythema pernio-like in four adolescents in the era of the coronavirus-2 infection	Reviews on Recent Clinical Trials
272	Deficit of glucocorticoid-induced leucine zipper amplifies angiotensin-induced cardiomyocyte hypertrophy and diastolic dysfunction	Journal of Cellular and Molecular Medicine
273	Pioglitazone corrects dysregulation of skeletal muscle mitochondrial proteins involved in ATP synthesis in type 2 diabetes	Metabolism: Clinical and Experimental
274	rs641738C>T near MBOAT7 is associated with liver fat	Journal of Hepatology
275	Authors' Response to Letter to the Editor	Archives of Physical Medicine and Rehabilitation
276	Pharmacogenomics Biomarker Discovery and Validation for Translation in Clinical Practice	Clinical and Translational Science
277	Reduced Striatal DAT Uptake Normalizes After Shunt in Normal-Pressure Hydrocephalus	Movement Disorders
278	Analysis of the LRP10 gene in patients with Parkinson's disease and dementia with Lewy bodies from Southern Italy	Neurological Sciences
279	The 50 Highest Cited Papers on Rotator Cuff Tear	Arthroscopy - Journal of Arthroscopic and
280	The Shaggy Aorta Syndrome: An Updated Review	Annals of Vascular Surgery
281	Estimation of the Acute Myocardial Infarction Onset Time based on Time-Course Acquisitions	Annals of Biomedical Engineering
282	Use of subcutaneous tocilizumab in patients with COVID-19 pneumonia	Journal of Medical Virology
283	LPIAT1/MBOAT7 depletion increases triglyceride synthesis fueled by high phosphatidylinositol turnover	Gut
284	The development of body representations in school-aged children	Applied Neuropsychology: Child
285	Do people with multiple sclerosis benefit from PC-based neurorehabilitation? A pilot study	Applied Neuropsychology:Adult
286	Nonnucleoside reverse-transcriptase inhibitor- vs ritonavir-boosted protease inhibitor-based regimens for initial treatment of HIV Infection: A systematic review and metaanalysis of randomized trials	Clinical Infectious Diseases
287	Evolving phenotypes of non-hospitalized patients that indicate long COVID	BMC Medicine
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289	Withholding Primary Pneumocystis Pneumonia Prophylaxis in Virologically Suppressed Patients with Human Immunodeficiency Virus: An Emulation of a Pragmatic Trial in COHERE	Clinical Infectious Diseases
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291	No need for secondary Pneumocystis jirovecii pneumonia prophylaxis in adult people living with HIV from Europe on ART with suppressed viraemia and a CD4 cell count greater than 100 cells/ μ L	Journal of the International AIDS Society
292	Therapy with RAS inhibitors during the COVID-19 pandemic	Journal of Cardiovascular Medicine
293	Pilocytic Astrocytoma-Derived Cells in Peripheral Blood: A Case Report	Frontiers in Oncology

294	Correction to: Venous thromboembolism and COVID-19: a single center experience from an academic tertiary referral hospital of Northern Italy (Internal and Emergency Medicine	Internal and Emergency Medicine
295	A New Lung Ultrasound Protocol Able to Predict Worsening in Patients Affected by Severe Acute Respiratory Syndrome Coronavirus 2 Pneumonia	Journal of Ultrasound in Medicine
296	Venous thromboembolism and COVID-19: a single center experience from an academic tertiary referral hospital of Northern Italy	Internal and Emergency Medicine
297	Correction to: Anemia in patients with Covid-19: pathogenesis and clinical significance (Clinical and Experimental Medicine	Clinical and Experimental Medicine
298	Anemia in patients with Covid-19: pathogenesis and clinical significance	Clinical and Experimental Medicine
299	Effects of ballroom dance on physical fitness and reaction time in experienced middle-aged adults of both genders	International Journal of Environmental R
300	Machine Learning-based Voice Assessment for the Detection of Positive and Recovered COVID-19 Patients	Journal of Voice
301	Role of anatomical variations in chronic non polipoid rhinosinusitis	Acta Medica Mediterranea
302	An unusual case of coma related to glutamate receptor 3 (GluR3) auto-antibodies after a traumatic spinal cord injury: Clinical and pathological aspects	The Medico-legal journal
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304	An unusual case of functional neurological disorders and psychogenic coma following physical assault: Clinical and medico-legal considerations	Journal of Forensic Science and Medicin
305	I-PHAN Study - Use of E-learning modules to Promote Physical activity and wellness among Nurses in order to improve mental and physical health: A research protocol for a randomized controlled trial	Clinica Terapeutica
306	International Physical Activity Questionnaire for Adolescents (IPAQ A): Reliability of an Italian version	Minerva Pediatrics
307	Indoor and outdoor education: The role of body representations on sport practice.	journal of Physical Education and Sport
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309	A New MRI Measure to Early Differentiate Progressive Supranuclear Palsy From De Novo Parkinson's Disease in Clinical Practice: An International Study	Movement Disorders
310	Management of obesity in kidney transplant candidates and recipients: A clinical practice guideline by the DESCARTES Working Group of ERA	Nephrology, dialysis, transplantation : o and Transplant Association - European R
311	Altered circulating marinobufagenin levels and recurrent intradialytic hypotensive episodes in chronic hemodialysis patients: a pilot, prospective study	Reviews in Cardiovascular Medicine
312	Nephrosclerosis impacts time trajectory of renal function and outcomes in elderly individuals with chronic kidney disease	Journal of Investigative Medicine