

FORMATO EUROPEO
PER IL CURRICULUM
VITAE



INFORMAZIONI PERSONALI

Nome/Cognome

Indirizzo

Telefono Ufficio

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CODICE FISCALE

Nazionalità

Data di nascita

Luogo di nascita

ORCID ID

ESPERIENZA LAVORATIVA

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

SERGIO ABRIGNANI

UNIVERSITÀ DEGLI STUDI DI MILANO - UNIMI

INGM ISTITUTO NAZIONALE GENETICA MOLECOLARE "ROMEO ED ENRICA INVERNIZZI"

PADIGLIONE INVERNIZZI - VIA FRANCESCO SFORZA, 35 – 20122 MILANO

sergio.abrignani@unimi.it

01 Giugno 2015

Università degli Studi di Milano – Via Festa del Perdono, 7 – 20122 Milano

Università

Professore ordinario di Immunologia e Immunopatologia - Dipartimento di Scienze Cliniche e di Comunità (DISCCO)

01 Gennaio 2006

FONDAZIONE INGM Istituto Nazionale Genetica Molecolare "Romeo ed Enrica Invernizzi"

Centro di Ricerca Biomedica finalizzato alla scoperta e allo sviluppo iniziale di nuovi mezzi diagnostici, nuove terapie e vaccini.

Direttore Scientifico

1999-2005

Chiron Corporation, Emeryville (CA), USA

Biotecnologia

Vice Presidente, Dipartimento di ricerca e sviluppo

1994 – 2000

Università di Siena

Scuola di specializzazione in Gastroenterologia, Facoltà di Medicina

Professore a contratto

Aprile 1993 – 1999

Centro Ricerche Chiron - Siena

Biotecnologia

Direttore del Dipartimento di Immunologia e Virologia

• Date (da – a) • Nome e indirizzo del datore di lavoro • Tipo di azienda o settore • Tipo di impiego	1990 – Marzo 1992 Ciba-Geigy, Basilea, Svizzera Responsabile del Laboratorio Vaccini presso il Dipartimento di Allergia/Immunologia
• Date (da – a) • Nome e indirizzo del datore di lavoro • Tipo di azienda o settore • Tipo di impiego	1988 – 1989 Ciba-Geigy, Basilea, Svizzera Ricercatore presso il Dipartimento di Allergia/Immunologia
• Date (da – a) • Nome e indirizzo del datore di lavoro • Tipo di azienda o settore • Tipo di impiego	1986 – 1987 Sandoz, Basilea, Svizzera Ricercatore presso il Dipartimento di Ricerca Preclinica
• Date (da – a) • Nome e indirizzo del datore di lavoro • Tipo di azienda o settore • Tipo di impiego	1983 – 1985 Istituto di Patologia Generale, Facoltà di Medicina, Università di Palermo Assistente Medico

PREMI E RICONOSCIMENTI

• Date (da-a)

2022

Commendatore dell'Ordine "al Merito della Repubblica Italiana", per il suo contributo nel Comitato Tecnico Scientifico per l'emergenza Covid.

• Date (da-a)

2011-2016

ERC Advanced Grant

"Lymphocyte microRNAs in health and disease: Understanding lymphocyte functions through the identification of microRNA target genes and exploiting serum microRNA signatures to monitor immune responses".

• Date (da-a)

2004

Medaglia d'oro al Merito della Sanità Pubblica, per i suoi studi sul virus dell'epatite C.

ISTRUZIONE E FORMAZIONE

• Date (da - a)

1986

• Nome e tipo di istituto di istruzione o formazione

Facoltà di Medicina dell'Università di Palermo

• Qualifica conseguita

Specializzazione in Patologia Generale, votazione 70/70 con lode

• Date (da - a)

1982

• Nome e tipo di istituto di istruzione o formazione

Facoltà di Medicina dell'Università di Padova

• Qualifica conseguita

Abilitazione nazionale all'esercizio della professione medica

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Qualifica conseguita

1982
 Facoltà di Medicina dell'Università di Padova
 Laurea in medicina, votazione 110/110 con lode

PRIMA LINGUA
 ALTRE LINGUE
 Autovalutazione
 Livello europeo (*)

ITALIANO

Comprensione

Parlato

Scritto

Ascolto

Lettura

Interazione

Produzione orale

Inglese

C2 Utente avanzato C2 Utente avanzato C2 Utente avanzato C2 Utente avanzato C2 Utente avanzato

Tedesco

B1 Utente autonomo B1 Utente autonomo B1 Utente autonomo B1 Utente autonomo B1 Utente autonomo

(*) Quadro comune europeo di riferimento per le lingue

ALTRE ATTIVITÀ PROFESSIONALI

Board of Directors: not for profit institutions:

2022 -	Fondazione Enea Tech e Biomedical, Roma	Membro del Consiglio Direttivo
2021 -	Fondazione Toscana Life Sciences, Siena	Membro del Consiglio di Indirizzo
2017 -	Fondazione Carlo Erba, Milano	Membro del Consiglio di Amministrazione
2015 -	Sclavo Vaccines Association, Siena	Membro del Consiglio di Amministrazione
2006 -	Fondazione INGM, Milano	Membro del Consiglio di Amministrazione

Board of Directors: Companies:

2022 -	T-One Therapeutics Srl, Milano	Membro del Consiglio di Amministrazione
2021 -	Utopia SIS Spa, Bologna	Membro del Consiglio di Amministrazione
2018 -	CheckmAb Srl, Milano	Membro del Consiglio di Amministrazione
2015 -	Impact Lab Srl, Milano	Membro del Consiglio di Amministrazione

Advisory Board membership:

2021 -	Regione Lombardia	Membro del gruppo tecnico nella campagna vaccinale anti Covid19
2019 -	Ministero della Salute	Membro del Consiglio Superiore di Sanità
2018 -	Ministero della Salute	Membro del Comitato Tecnico Sanitario

“ad hoc reviewer” di articoli sulle seguenti riviste scientifiche:

European Journal of Immunology, EMBO Journal, Frontiers in Immunology, Hepatology, Immunity, International Immunology, Journal of Clinical Investigation, Journal of Hepatology, Journal of Immunology, Nature, Nature Immunology, Nature Medicine, Science.

Pubblicazioni

H index, secondo Google Scholar: **79**

Totale citazioni, secondo Google Scholar: **24896**

() indica che Sergio Abrignani è corresponding author**

2024

1. **(**)** Galeota E, Bevilacqua V, Gobbini A, Gruarin P, Bombaci M, Pesce E, Favalli A, Lombardi A, Vincenti F, Ongaro J, Fabbris T, Curti S, Martinovic M, Toccafondi M, Lorenzo M, Critelli A, Clemente F, Crosti M, Sarnicola ML, Martinelli M, La Sala L, Espadas A, Donnici L, Borghi MO, De Feo T, De Francesco R, Prati D, Meroni PL, Notarbartolo S, Geginat J, Gori A, Bandera A, **Abrignani S**, Grifantini R. "Tracking the immune response profiles elicited by the BNT162b2 vaccine in COVID-19 unexperienced and experienced individuals". Clin Immunol. 2024 Feb 28;261:110164.
2. Pulvirenti N, Silvetri Y, Clemente F, Bosotti R, Carelli E, Moschetti G, Gruarin P, Vasco C, Crosti MC, Sarnicola ML, Valenti L, Prati D, **Abrignani S**, Geginat J. "Characterization of human CD4+ EOMES+ GzmK+ T-cell subsets unveils an uncoupling of suppressive functions from IL-10-producing capacities". Eur J Immunol. 2024 Feb 23:e2350675.
3. Rossi RL, Elia D, Torre O, Cassandro R, Caminati A, Bulgheroni E, Carelli E, Vasco C, **Abrignani S**, Geginat J, Harari S. "Identification of Lymphangiomyomatosis-associated Serum MicroRNAs". Am J Respir Cell Mol Biol. 2024 Feb;70(2):146-148.

4. Gobbini A, Bandera A, Grifantini R, **Abrignani S**, Notarbartolo S. "Protocol for the detection of defined T cell clones in a heterogeneous cell population". STAR Protoc. 2024 Mar 15;5(1):102787.
5. Pesce E, Bombaci M, Croci S, Bonacini M, Marvisi C, Ricordi C, Monti S, Muratore F, **Abrignani S**, Caporali R, Borghi MO, Salvarani C, Villiger PM, Grifantini R, Meroni PL. "Identification of two autoantigens recognised by circulating autoantibodies as potential biomarkers for diagnosing giant cell arteritis". Clin Exp Rheumatol. 2024 Jul;42(7):1317-1320.

2023

6. Silvestri Y, Clemente F, Moschetti G, Maioli S, Carelli E, Espadas de Arias A, Torelli R, Longhi E, De Feo T, Crosti M, Sarnicola ML, Salvi M, Mantovani G, Arosio M, Bombaci M, Pesce E, Grifantini R, **Abrignani S**, Geginat J, Muller I. "SARS-COV-2 specific t-cells in patients with thyroid disorders related to COVID-19 are enriched in the thyroid and acquire a tissue-resident memory phenotype". Clin Immunol. 2023 Sep;254:109684.
7. Paroni M, Leccese G, Ranzani V, Moschetti G, Chiara M, Perillo F, Ferri S, Clemente F, Noviello D, Conforti FS, Ferrero S, Karnani B, Bosotti R, Vasco C, Curti S, Crosti MC, Gruarin P, Rossetti G, Conte MP, Vecchi M, Pagani M, Landini P, Facciotti F, **Abrignani S**, Caprioli F, Geginat J. "An intestinal Th17 subset is associated with inflammation in Crohn's Disease and activated by adherent-invasive Escherichia coli (AIEC)". J Crohns Colitis. 2023 Jul 18:jjad119.
8. Pesce E, Cordiglieri C, Bombaci M, Eppenberger-Castori S, Oliveto S, Manara C, Crosti M, Ercan C, Coto M, Gobbini A, Campagnoli S, Donnarumma T, Martinelli M, Bevilacqua V, De Camilli E, Gruarin P, Sarnicola ML, Cassinotti E, Baldari L, Viale G, Biffo S, **Abrignani S**, Terracciano LM, Grifantini R. "TMEM123 a key player in immune surveillance of colorectal cancer." Front Immunol. 2023 Jun 23;14:1194087.

9. Geginat J, Vasco C, Gruarin P, Bonnal R, Rossetti G, Silvestri Y, Carelli E, Pulvirenti N, Scantamburlo M, Moschetti G, Clemente F, Grassi F, Monticelli S, Pagani M, **Abrignani S**. "Eomesodermin-expressing type 1 regulatory (EOMES+Tr1)-like T cells: Basic biology and role in immune-mediated diseases". *Eur J Immunol*. 2023 May;53(5):e2149775..
10. Amodio V, Lamba S, Chilà R, Cattaneo CM, Mussolin B, Corti G, Rospo G, Berrino E, Tripodo C, Pisati F, Bartolini A, Aquilano MC, Marsoni S, Mauri G, Marchiò C, **Abrignani S**, Di Nicolantonio F, Germano G, Bardelli A. "Genetic and pharmacological modulation of DNA mismatch repair heterogeneous tumors promotes immune surveillance". *Cancer Cell*. 2023 Jan 9;41(1):196-209.e5.
11. Miluzio A, Cuomo A, Cordiglieri C, Donnici L, Pesce E, Bombaci M, Conti M, Fasciani A, Terracciano L, Manganaro L, Toccafondi M, Scagliola A, Oliveto S, Ricciardi S, Grifantini R, De Francesco R, **Abrignani S**, Manfrini N, Biffo S. "Mapping of functional SARS-CoV-2 receptors in human lungs establishes differences in variant binding and SLC1A5 as a viral entry modulator of hACE2". *EBioMedicine*. 2023 Jan;87:104390.

2022

12. Fedele G, Trentini F, Schiavoni I, **Abrignani S**, Antonelli G, Baldo V, Baldovin T, Bandera A, Bonura F, Clerici P, De Paschale M, Fortunato F, Gori A, Grifantini R, Icardi G, Lazzarotto T, Lodi V, Mastroianni CM, Orsi A, Prato R, Restivo V, Carsetti R, Piano Mortari E, Leone P, Olivetta E, Fiore S, Di Martino A, Brusaferro S, Merler S, Palamara AT, Stefanelli P. "Evaluation of humoral and cellular response to four vaccines against COVID-19 in different age groups: A longitudinal study". *Front Immunol*. 2022 Oct 31;13:1021396.
13. (**) Notarbartolo S, **Abrignani S**. "Human T lymphocytes at tumor sites." *Semin Immunopathol*. 2022 Nov;44(6):883-901.
14. Borghi MO, Bombaci M, Bodio C, Lonati PA, Gobbini A, Lorenzo M, Torresani E,

- Dubini A, Bulgarelli I, Solari F, Pregnotato F, Bandera A, Gori A, Parati G, **Abbrignani S**, Grifantini R, Meroni PL. "Anti-Phospholipid Antibodies and Coronavirus Disease 2019: Vaccination Does Not Trigger Early Autoantibody Production in Healthcare Workers". *Front Immunol*. 2022 Jul 15;13:930074.
15. Moschetti G, Vasco C, Clemente F, Galeota E, Carbonara M, Pluderi M, Locatelli M, Stocchetti N, **Abbrignani S**, Zanier ER, Ortolano F, Zoerle T, Geginat J. "Deep Phenotyping of T-Cells Derived From the Aneurysm Wall in a Pediatric Case of Subarachnoid Hemorrhage". *Front Immunol*. 2022 May 31;13:866558.
 16. (**) Favalli A, Favalli EG, Gobbini A, Zagato E, Bombaci M, Maioli G, Pesce E, Donnici L, Gruarin P, Biggioggero M, Curti S, Manganaro L, Marchisio E, Bevilacqua V, Martinovic M, Fabbris T, Sarnicola ML, Crosti MC, Marongiu L, Granucci F, Notarbartolo S, Bandera A, Gori A, De Francesco R, **Abbrignani S**, Caporali R, Grifantini R. "Immunosuppressant Treatment in Rheumatic Musculoskeletal Diseases Does Not Inhibit Elicitation of Humoral Response to SARS-CoV-2 Infection and Preserves Effector Immune Cell Population". *Front Immunol*. 2022 Jun 10;13:873195.
 17. Favalli EG, Gobbini A, Bombaci M, Maioli G, Biggioggero M, Pesce E, Favalli A, Martinovic M, Fabbris T, Marchisio E, Bandiera A, Gori A, **Abbrignani S**, Grifantini R, Caporali R. "The Impact of Anti-rheumatic Drugs on the Seroprevalence of Anti-SARS-CoV-2 Antibodies in a Cohort of Patients With Inflammatory Arthritis: The MAINSTREAM Study". *Front Med (Lausanne)*. 2022 Mar 11;9:850858.
 18. Lenti E, Genovese L, Bianchessi S, Maurizio A, Sain SB, di Lillo A, Mattavelli G, Harel I, Bernassola F, Hehlhans T, Pfeffer K, Crosti M, **Abbrignani S**, Evans SM, Sitia G, Guimarães-Camboa N, Russo V, van de Pavert SA, Garcia-Manteiga JM, Brendolan A. "Fate mapping and scRNA sequencing reveal origin and diversity of lymph node stromal precursors". *Immunity*. 2022 Apr 12;55(4):606-622.e6.
 19. (**) Marasca F, Sinha S, Vadalà R, Polimeni B, Ranzani V, Paraboschi E, Burattin FV, Ghilotti M, Crosti MC, Negri ML, Campagnoli S, Notarbartolo S, Bianchi AS, Siena S, Prati D, Montini G, Viale G, Torre O, Harari S, Grifantini R, Soldà G, Biffo S,

- Abrignani S**, Bodega B. "LINE1 elements are spliced in non-canonical transcript variants to control gene expression in human T cell quiescence and exhaustion". *Nat Genet.* 2022 Feb;54(2):180-193.
20. Pesce E, Manfrini N, Cordiglieri C, Santi S, Bandera A, Gobbini A, Gruarin P, Favalli A, Bombaci M, Cuomo A, Collino F, Cricri G, Ungaro R, Lombardi A, Mangioni D, Muscatello A, Aliberti S, Blasi F, Gori A, **Abrignani S**, De Francesco R, Biffo S, Grifantini R. "Exosomes Recovered From the Plasma of COVID-19 Patients Expose SARS-CoV-2 Spike-Derived Fragments and Contribute to the Adaptive Immune Response". *Front Immunol.* 2022 Jan 17;12:785941.
21. Elia D, Torre O, Vasco C, Geginat J, **Abrignani S**, Bulgheroni E, Carelli E, Cassandro R, Pacheco-Rodriguez G, Steagall WK, Moss J, Harari S. "Pulmonary Langerhans cell histiocytosis (PLCH) and lymphangioliomyomatosis (LAM) have circulating cells with loss of heterozygosity of the TSC2 gene". *Chest.* 2022 Feb 26:S0012-3692(22)00398-1.
22. Lonati PA, Bodio C, Scavone M, Martini G, Pesce E, Bandera A, Lombardi A, Gerosa M, Franceschini F, Tincani A, Podda G, **Abrignani S**, Grifantini R, Cattaneo M, Borghi MO, Meroni PL. "Production of anti-PF4 antibodies in antiphospholipid antibody-positive patients is not affected by COVID-19 vaccination". *RMD Open.* 2022 Feb;8(1):e001902.
23. Amatu A, Pani A, Patelli G, Gagliardi OM, Loparco M, Piscazzi D, Cassingena A, Tosi F, Ghezzi S, Campisi D, Grifantini R, Abrignani S, Siena S, Scaglione F, Sartore-Bianchi A. "Impaired seroconversion after SARS-CoV-2 mRNA vaccines in patients with solid tumours receiving anticancer treatment". *Eur J Cancer.* 2022 Mar;163:16-25.
24. Lombardi A, Butta GM, Donnici L, Bozzi G, Oggioni M, Bono P, Matera M, Consonni D, Ludovisi S, Muscatello A, Ceriotti F, Conti M, Scaglioni S, Gallo G, Scarpa E, Letko M, **Abrignani S**, Grifantini R, De Francesco R, Gori A, Manganaro L, Bandera A. "Anti-spike antibodies and neutralising antibody activity in people living with HIV vaccinated with COVID-19 mRNA-1273 vaccine: a prospective single-centre cohort

25. Marongiu L, Protti G, Facchini FA, Valache M, Mingozi F, Ranzani V, Putignano AR, Salviati L, Bevilacqua V, Curti S, Crosti M, Sarnicola ML, D'Angiò M, Bettini LR, Biondi A, Nespoli L, Tamini N, Clementi N, Mancini N, **Abrignani S**, Spreafico R, Granucci F. "Maturation signatures of conventional dendritic cell subtypes in COVID-19 suggest direct viral sensing". *Eur J Immunol*. 2022 Jan;52(1):109-122.

2021

26. De Ponte Conti B, Miluzio A, Grassi F, **Abrignani S**, Biffo S, Ricciardi S. "mTOR-dependent translation drives tumor infiltrating CD8⁺ effector and CD4⁺ Treg cells expansion". *Elife*. 2021 Nov 17;10:e69015.
27. Cossarizza A, Chang HD, Radbruch A, **Abrignani S**, *et al*. "Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition)". *Eur J Immunol*. 2021 Dec;51(12):2708-3145.
28. De Simone M, Chirichella M, Emming S, Mazzara S, Ranzani V, Gruarin P, Moschetti G, Pulvirenti N, Maglie S, Vasco C, Crosti MC, Rossetti G, Pagani M, **Abrignani S**, Monticelli S, Geginat J. "Ex vivo microRNA and gene expression profiling of human Tr1-like cells suggests a role for miR-92a and -125a in the regulation of EOMES and IL-10R". *Eur J Immunol*. 2021 Dec;51(12):3243-3246.
29. (**) Notarbartolo S, Ranzani V, Bandera A, Gruarin P, Bevilacqua V, Putignano AR, Gobbini A, Galeota E, Manara C, Bombaci M, Pesce E, Zagato E, Favalli A, Sarnicola ML, Curti S, Crosti M, Martinovic M, Fabbris T, Marini F, Donnici L, Lorenzo M, Mancino M, Ungaro R, Lombardi A, Mangioni D, Muscatello A, Aliberti S, Blasi F, De Feo T, Prati D, Manganaro L, Granucci F, Lanzavecchia A, De Francesco R, Gori A, Grifantini R, **Abrignani S**. "Integrated longitudinal immunophenotypic, transcriptional and repertoire analyses delineate immune responses in COVID-19 patients". *Sci Immunol*. 2021 Aug 10;6(62):eabg5021.

30. Poli A, Abdul-Hamid S, Zaurito AE, Campagnoli F, Bevilacqua V, Sheth B, Fiume R, Pagani M, **Abrignani S**, Divecha N. "PIP4Ks impact on PI3K, FOXP3, and UHRF1 signaling and modulate human regulatory T cell proliferation and immunosuppressive activity". *Proc Natl Acad Sci U S A*. 2021 Aug 3;118(31):e2010053118.
31. (**) Bonnal RJP, Rossetti G, Lugli E, De Simone M, Gruarin P, Brummelman J, Drufuca L, Passaro M, Bason R, Gervasoni F, Della Chiara G, D'Oria C, Martinovic M, Curti S, Ranzani V, Cordiglieri C, Alvisi G, Mazza E, Oliveto S, Silvestri Y, Carelli E, Mazzara S, Bosotti R, Sarnicola ML, Godano C, Bevilacqua V, Lorenzo M, Siena S, Bonoldi E, Sartore-Bianchi A, Amatu A, Veronesi G, Novellis P, Alloisio M, Giani A, Zucchini N, Opocher E, Pisani Ceretti A, Mariani N, Biffo S, Prati D, Bardelli A, Geginat J, Lanzavecchia A, **Abrignani S**, Pagani M. "Clonally expanded EOMES+ Tr1-like cells in primary and metastatic tumors associate with disease progression". *Nat Immunol*. 2021 Jun;22(6):735-745.
32. Fontana C, Marasca F, Provitera L, Mancinelli S, Pesenti N, Sinha S, Passera S, **Abrignani S**, Mosca F, Lodato S, Bodega B, Fumagalli M "Early maternal care restores LINE-1 methylation and enhances neurodevelopment in preterm infants" *BMC Med*. 2021 Feb 5;19(1):42.

2020

33. Pammolli F, Righetto L, **Abrignani S**, Pani L, Pelicci PG, Rabosio E. "The endless frontier? The recent increase of R&D productivity in pharmaceuticals". *J Transl Med*. 2020 Apr 9;18(1):162.
34. Coletta M, Paroni M, Alvisi MF, De Luca M, Rulli E, Mazza S, Facciotti F, Lattanzi G, Strati F, **Abrignani S**, Fantini MC, Vecchi M, Geginat J, Caprioli F. "Immunological variables associated with clinical and endoscopic response to vedolizumab in patients with inflammatory bowel diseases." *J Crohns Colitis*. 2020 Feb 26;jjaa035.

35. Magri A, Germano G, Lorenzato A, Lamba S, Chilà R, Montone M, Amodio V, Ceruti T, Sassi F, Arena S, **Abrignani S**, D'Incalci M, Zucchetti M, Di Nicolantonio F, Bardelli A. "High-dose vitamin C enhances cancer immunotherapy." *Sci Transl Med*. 2020 Feb 26;12(532).
36. Facciotti F, Larghi P, Bosotti R, Vasco C, Gagliani N, Cordiglieri C, Mazzara S, Ranzani V, Rottoli E, Curti S, Penatti A, Karnani B, Kobayashi Y, Crosti M, Bombaci M, van Hamburg JP, Rossetti G, Gualtierotti R, Gerosa M, Gatti S, Torretta S, Pignataro L, Tas SW, **Abrignani S**, Pagani M, Grassi F, Meroni PL, Flavell RA, and Geginat J. "Evidence for a pathogenic role of extrafollicular, IL-10-producing CCR6+B helper T cells in systemic lupus erythematosus". *PNAS USA*. 2020 Mar 31;117(13):7305-7316.
37. Arena S, Corti G, Durinikova E, Montone M, Reilly NM, Russo M, Lorenzato A, Arcella P, Lazzari L, Rospo G, Pagani M, Cancelliere C, Negrino C, Isella C, Bartolini A, Cassingena A, Amatu A, Mauri G, Sartore-Bianchi A, Mittica G, Medico E, Marsoni S, Linnebacher M, **Abrignani S**, Siena S, Di Nicolantonio F, Bardelli A. "A subset of colorectal cancers with cross-sensitivity to olaparib and oxaliplatin". *Clin Cancer Res*. 2020 Mar 15;26(6):1372-1384.

2019

38. Geginat J, Vasco M, Gerosa M, Tas SW, Pagani M, Grassi F, Flavell RA, Meroni P, **Abrignani S**. "IL-10 producing regulatory and helper T-cells in systemic lupus erythematosus". *Semin Immunol*. 2019 Aug;44:101330.
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40. (**) Bombaci M, Pesce E, Torri A, Carpi A, Crosti M, Lanzafame M, Cordiglieri C, Sinisi

A, Moro M, Bernuzzi F, Gerussi A, Geginat J, Muratori L, Terracciano L, Invernizzi P, **Abbrignani S**, Grifantini R. "Novel biomarkers for Primary Biliary Cholangitis to improve diagnosis and understand underlying regulatory mechanisms". *liver Int.* 2019 Nov;39(11):2124-2135.

2018

41. Ricciardi S, Manfrini N, Alfieri R, Calamita P, Crosti MC, Simone G, Müller R, Pagani M, **Abbrignani S**, Biffo S "The Translational Machinery of Human CD4+ T Cells Is Poised for Activation and Controls the Switch from Quiescence to Metabolic Remodeling". *Cell Metab.* 2018 Dec 4;28(6):961.
42. Costanzo V, Bardelli A, Siena S, **Abbrignani S**. "Exploring the links between cancer and placenta development". *Open Biology.* 2018 Jun;8(6):180081.
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2017

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Brevetti sottomessi e brevetti rilasciati

Titolo brevetto	Anno di priorità	N° domanda di brevetto	Nazione	Anno di Rilascio	N° di brevetto
Cancer treatment	2016	PCT/EP/2017/061642	Fase PCT		
Biomarkers for autoimmune liver diseases and uses thereof	2011	14125128	USA		
		2837522	CANADA		
		2012269083	AUSTRALIA	2016	2012269083
		127336154	EUROPA	2016	2721413
Prion chimeras and uses thereof	2003	2003279088	AUSTRALIA		
Eliciting HCV specific antibodies	1999	US12/001,920	USA		
Intracellular production of hepatitis C E1 and E2 truncated polypeptides	1997	10371040	USA	2008	US7429385 B2
Hepatitis C Receptor Protein Cd81	1997	EP1021534 A1	EUROPA		
		WO1999018198A1	USA	2006	US7097987 B2
Hepatitis C virus E2 binding protein	1995	11/372,935	USA	2008	US7320875 B2
T cell activation by cytokine combinations	1994	1995927917	EUROPA	2009	EP0772677 B1
		JP2006312640 A	JAPAN		
		2197801	CANADA		
		US2005/0281793 A1	USA		
Assay To Detect HCV Receptor Binding	1994	95927918.3	EU	2008	EP0723665 B2
		2174212 A	CANADA	2003	2174212 C
		DE1995632498	DENMARK	2004	69532498 D1
		1995/031894 A	AUSTRALIA		
		US11/784,521	USA		
		2004004113 A	JAPAN	2008	JP4117230 B2

Finanziamenti competitivi degli ultimi 10 anni

Titolo Progetto	Fonte del Finanziamento	Mia quota (EUR)	Periodo	Ruolo
"Innate and adaptive immunity in COVID-19: from mechanisms to patients"	Ministero della Salute	160.000	2020-2021	PI
"MalOMVax: a novel multi-stage and multi-antigen neutralizing vaccine against malaria infections"	Achilles Vaccines	1.500.000	2020-2021	PI
"Impatto dell'infezione di Covid-19 nelle malattie reumatiche croniche trattate con farmaci immunosoppressori (mainstream)"	Regione Lombardia	154.000	2020	PI
"Autoantibodies against specific human self-proteins as new diagnostic and prognostic biomarkers for Giant Cell Arteritis and Polymyalgia Rheumatica"	Ministero della Salute	90.000	2020-2023	PI
"HUNTER: Hepatocellular Carcinoma Expediter Network"	CRUK-AIRC	333.000	2018-2023	PI
"A Proposal To Develop Liquid Biopsies Based On The Identification Of Circulating Tumor-Derived Lymphocytes (Ctdl) To Choose And To Monitor Immunotherapy With Checkpoint Inhibitors"	Menarini	740.000	2017-2020	PI
"Insights into the evolving heterogeneity of metastatic colorectal cancer: from mechanisms to therapies"	AIRC 5x1000	2.335.000	2018-2025	PI
"Immunity in Cancer Spreading and Metastasis"	AIRC 5x1000	879.000	2018-2023	PI
Cluster Tecnologico Nazionale ALISEI: Progetto Medintech CTN01_00177_962865: "Cutting-edge technologies to increase safety and efficacy of drugs and vaccines"	Ministero dell'Istruzione e dell'Università e della Ricerca (MIUR)	994.500	2014-2017	PI
Grant n. 269022: i-MIRNOME - Lymphocyte microRNAs in health and disease: Understanding lymphocyte functions through the identification of microRNA target genes and exploiting serum microRNA signatures to monitor immune responses	ERC Advanced Grant	2.496.000	2011-2016	PI
Grant n. 2009-3603: "Improving vaccines for the developing world by means of new adjuvants potentiating effector and memory responses"	Fondazione Cariplo	489.919	2011-2014	Coordinatore
Grant n. RBAP10TPXK_002: "Eventi cellulari e molecolari nella patogenesi delle infezioni croniche da HBV o HCV"	Ministero dell'Istruzione dell'Università e Ricerca (MIUR)	343.300	2011-2016	PI
microRNA atlas in peripheral blood lymphocytes	Ministero della Salute e Regione Lombardia	2.000.000	2012-2013	PI
Hepacivac: LSH-2005-1.2.4-2 # 037435	Unione Europea - 6PQ	1.200.000	2005-2011	Coordinatore

Il sottoscritto è a conoscenza che, ai sensi dell'art. 26 della legge 15/68, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali.
Inoltre, il sottoscritto autorizza al trattamento dei dati personali, secondo quanto previsto dalla Legge 196/03.

SERGIO ABRIGNANI

Milano, 12 settembre 2024