

**Curriculum Vitae
Europass**



**Informazioni
personali**

Nome/Cognome

Paola Patrignani

Indirizzo(i)

Dipartimento di Neuroscienze, Imaging e Scienze Cliniche
Università di Chieti "G. d'Annunzio"
Chieti

Telefono/email

0871541473/ppatrignani@unich.it

**Esperienza
professionale**

2020-oggi: Membro della Giunta del Centro di Studi e Tecnologie Avanzate (CAST), Università degli Studi "G. d'Annunzio" di Chieti.

2017-oggi: Membro della Giunta del Dipartimento di Neuroscienze, Imaging e Scienze Cliniche, Università degli Studi "G. d'Annunzio" di Chieti.

2015-2019: Membro della Giunta del CeSI-MeT (Centro Scienze dell' Invecchiamento e Medicina Traslazionale), Università degli Studi "G. d'Annunzio" di Chieti.

2015-oggi: Membro del Comitato Tecnico del CeSI-Met, Università degli Studi "G. d'Annunzio" di Chieti.

2013-oggi: Membro del collegio dei docenti del Dottorato di Ricerca in Biotecnologie Mediche, Università degli Studi "G. d'Annunzio" di Chieti.

2012-oggi: Professore Ordinario di Farmacologia, Dipartimento di Neuroscienze, Imaging e Scienze Cliniche, Sezione di Scienze Cardiovascolari e Farmacologiche, Facoltà di Medicina e Chirurgia dell'Università degli Studi "G. d'Annunzio" di Chieti.

2012-2013: Membro del collegio dei docenti del Dottorato di Ricerca in "Neuroimaging funzionale: strumenti, metodi e modelli per lo studio delle relazioni mente-cervello-comportamento" Università degli Studi "G. d'Annunzio" di Chieti.

2002-2011: Professore Ordinario di Farmacologia presso il Dipartimento di Medicina e Scienze dell'Invecchiamento - Sezione di Farmacologia - Facoltà di Medicina e Chirurgia dell'Università degli Studi "G. d'Annunzio" di Chieti.

2008-2011: Membro del collegio dei docenti del Dottorato di Ricerca in "Scienze Medico-Chirurgiche, Cliniche e Sperimentali", Università degli Studi "G. d'Annunzio" di Chieti.

2004-2009: Membro del Comitato Etico, Università degli Studi "G. d'Annunzio" di Chieti.

2000-2007: Membro del collegio dei docenti del Dottorato di Ricerca in "Scienze dell'Invecchiamento" Università degli Studi "G. d'Annunzio" di Chieti.

1998-2002: Professore Associato di Farmacologia presso il Dipartimento di Medicina e Scienze dell'Invecchiamento - Sezione di Farmacologia - Facoltà di Medicina e Chirurgia dell'Università degli Studi "G. d'Annunzio" di Chieti.

Istruzione e formazione

1990-1997
Post-Doc presso il Dipartimento di Medicina e Scienze dell'Invecchiamento - Sezione di Farmacologia - Facoltà di Medicina e Chirurgia dell'Università degli Studi "G. d'Annunzio" di Chieti".

1988-1990
Borsista presso il Dipartimento di Farmacologia, dell'Università Cattolica del Sacro Cuore di Roma, Facoltà di Medicina, Roma, Italia

1988
Borsista presso il Dipartimento di Farmacologia, Merck Frost Research Laboratories, Kirkland, Quebec, Canada

1987
Borsista, Le Centre Hospitalier de l'Université Laval, Quebec, Canada

Luglio 1979
Dottore in Scienze Biologiche (110 e lode)
Facoltà di Scienze Biologiche, Università La Sapienza di Roma

Premi e riconoscimenti

1981, Upjohn Award
1991, "Henry Christian" Award
2005, EICOSAMED di Patignani e Scilimati, una proposta per una start-up biotecnologica, è stata selezionata nell'ambito dell'iniziativa "Discovery" del Bioindustry Park del Canavese (Colleretto Giacosa, Torino); http://discovery.bipcaweb.it/documenti/Press%20release_itajune05.pdf
2013 Premio speciale assegnato dalla Camera di Commercio di Chieti, in collaborazione con il Comitato per la Promozione dell'Imprenditorialità Femminile Abruzzese, con la seguente motivazione: "personaggio femminile di alto profilo del mondo della cultura, del sociale e dell'economia abruzzese".
2013, Reputata idonea dal MIUR a far parte dell'elenco di studiosi in possesso di un elevato profilo scientifico a livello internazionale che possono essere sorteggiati per far parte delle commissioni 2012-2013 per l'abilitazione scientifica nazionale (ai sensi del Decreto Direttoriale n. 181 del 2012, art.5 comma 6) relativa il settore 05/G1 FARMACOLOGIA, FARMACOLOGIA CLINICA E FARMACOGNOSIA (<http://abilitazione.miur.it/public/commissariEleggibili.php>)
2012-oggi, Fa parte della lista dei Top Scientists italiani (http://www.topitalianscientists.org/top_italian_scientists.aspx)
2013, I risultati della valutazione VQR dei suoi prodotti presentati sono stati valutati tutti con il punteggio 1 (eccellente).
2016, Reputata idonea dal MIUR a far parte dell'elenco di studiosi in possesso di un elevato profilo scientifico a livello internazionale che possono essere sorteggiati per far parte delle commissioni 2016-2018 per l'abilitazione scientifica nazionale (ai sensi del Decreto Direttoriale 1531/2016, art6/3) relativa il settore 05/G1 FARMACOLOGIA, FARMACOLOGIA CLINICA E FARMACOGNOSIA.
2016, Selezionata come Esperto della Commissione Europea e identificata come candidata per una futura assegnazione dei programmi di ricerca dell'UE
2017, I risultati della valutazione VQR dei suoi prodotti presentati sono stati valutati tutti con il punteggio 1 (eccellente).
2018, Senior Science Award 2018 assegnato dalla International Aspirin Foundation.
2019: inserita nella classifica Internazionale dei "Top Scientist" [PLoS Biol. 2019;17(8):e3000384]

Capacità e competenze personali

(*) [Quadro comune europeo di riferimento per le lingue](#)

Inglese*
Francese*

Comprensione		Parlato		Scritto
Ascolto	Letture	Interazione orale	Produzione orale	
C2	C2	C2	C2	C2
C1	C1	C1	C1	C1

Attività didattica

- ✓ Titolare del Corso Ufficiale di “Farmacologia primo semestre” per il corso di laurea magistrale di Medicina e Chirurgia, Università degli Studi “G. d’Annunzio” di Chieti.
- ✓ Titolare del Corso Ufficiale di “Le fasi degli studi farmacologici” nell’ambito del Corso Integrato di “Scienze applicate alla ricerca I” per il corso di laurea magistrale di Scienze infermieristiche e ostetriche, Università degli Studi “G. d’Annunzio” di Chieti.
- ✓ Titolare del Corso Ufficiale di “Farmacologia” nell’ambito dei seguenti Corsi Integrati:
 - a) Corso Integrato di “Scienze Fisiologiche e Farmacologia” per il corso di laurea triennale di Fisioterapia, Università degli Studi “G. d’Annunzio” di Chieti;
 - b) Corso Integrato di “Microbiologia, Farmacologia ed Igiene” per il corso di laurea triennale di Tecniche di radiologia medica, per immagini e radioterapia, Università degli Studi “G. d’Annunzio” di Chieti;
 - c) Corso Integrato di “Primo soccorso con approccio multidisciplinare” per il corso di laurea triennale di Ostetricia, Università degli Studi “G. d’Annunzio” di Chieti.
 - d) Corso Integrato di “Propedeutica Clinica III” per il corso di laurea triennale di Tecniche di fisiopatologia cardiocircolatoria e perfusione cardiovascolari, Università degli Studi “G. d’Annunzio” di Chieti.

Coordinatore dei seguenti Corsi Integrati:

- ✓ “Farmacologia” per il corso di laurea magistrale di Medicina e Chirurgia, Università degli Studi “G. d’Annunzio” di Chieti;
- ✓ “Scienze applicate alla ricerca I” per il corso di laurea magistrale di Scienze infermieristiche e ostetriche, Università degli Studi “G. d’Annunzio” di Chieti;
- ✓ “Scienze Fisiologiche e Farmacologia” per il corso di laurea triennale di Fisioterapia, Università degli Studi “G. d’Annunzio” di Chieti;
- ✓ “Microbiologia, Farmacologia ed Igiene” per il corso di laurea triennale di Tecniche di radiologia medica, per immagini e radioterapia, Università degli Studi “G. d’Annunzio” di Chieti;
- ✓ “Primo soccorso con approccio multidisciplinare” per il corso di laurea triennale di Ostetricia, Università degli Studi “G. d’Annunzio” di Chieti;
- ✓ “Propedeutica Clinica III” per il corso di laurea triennale di Tecniche di fisiopatologia cardiocircolatoria e perfusione cardiovascolari, Università degli Studi “G. d’Annunzio” di Chieti.

Coinvolgimento nella formazione di studenti

La Prof.ssa Patrignani è stata relatore di molti studenti di Medicina e Chirurgia, Farmacia, Chimica e Tecnologia Farmaceutiche:

Cristina Traquandi (1991), Franca Codazzi (1992), Roberto Padovano (1995), Maria Di Giamberardino (1996), Maria Teresa Rotondo (1996), Annamaria Pace (1997), Francesca Seta (1998), Stefania Tacconelli (1998), Marta L. Capone (2000), Emanuela Ricciotti (2001), Dimitrios Xneudakis (2001), Francesca Zappacosta (2002), Ioannis Salmas (2003); Elisabetta D’Amelio (2003), Marirosa Tulipano (2003), Giuseppe Morelli (2003), Alessandra De Cerchio (2003), Antonio Saponaro (2003), Luigia Di Francesco (2004), Lucia Rago (2005), Paola Anzellotti (2005), Carlo Vincenzo Tognarelli (2005), Luca Cantò (2005), Marianna Cancellaro (2006), Maria Petrelli (2007), Konstantinos Efthymakis (2007), Paola Tontodonati (2009), Giuseppina Caniglia (2010), Sara Alberti (2011), Linda Grossi (2012), Adelina Iannetta (2013), Angela Sacco (2013), Simone Schiavone (2014), Domenico Augelli (2014), Rosalia Grande (2015), Alessandro Ciuti (2015), Valentina Olivastri (2015), Claudia Cardinale (2015), Gianluca Grimaldi (2016), Roberta Di Carlo (2016), Rosa Fullone (2017), Lorenzo Fiorno (2019), Graziana Pizzicoli (in corso), Tania Salvatore (in corso) Natascia Niccolò (in corso).

Coinvolgimento nella formazione dottorandi

Paola Patrignani è Membro del collegio dei docenti del Dottorato di Ricerca in Biotecnologie Mediche, Università degli Studi “G. d’Annunzio” di Chieti.

Nel 2007, è stata membro esterno della Commissione esaminatrice di tesi di Dottorato di Ricerca presso University College Dublin (UCD, Dublino, Irlanda).

E’ stata co-advisor della dottoranda Ratre Maenthaisong dell’Università di Mahasarakham, Thailandia per realizzare il progetto di ricerca dal titolo: “Effects of floctafenine on eicosanoid metabolites and platelet aggregation” (PhD:2012). E’ stata tutor: i) della dottoranda Imen Bendaya dell’Université Tunis Carthage

(Tunisia) per realizzare il progetto di ricerca dal titolo: "Inflammation and cardiovascular disease" (2013);ii) Tutor of Victoire Ndong (Visiting student, Thomas Jefferson University, Philadelphia, US) (2014); iii) del dott. Luilli Antonio López Contreras (Visiting Research Post-doc, Instituto Politécnico Nacional, CONACYT-Messico, Messico): "Effect of low dose aspirin on the acetylome of platelets and intestinal tissue in individuals undergoing endoscopy for colorectal cancer(CRC) prevention screening" (2015)

La Prof.ssa Paola Patrignani è stata tutor di molti dottorandi:

Marta Luciana Capone (PhD: 2004): Pharmacological Modulation of cyclooxygenase inhibitors.

Stefania Tacconelli (PhD: 2004): Isoprostanes as indices of lipid peroxidation in cardiovascular disease; ha una posizione come ricercatore presso l'Università G. D'Annunzio di Chieti.

Emanuela Ricciotti (PhD: 2005): Efficacy and safety of the selective inhibition of inducible PGES: a novel perspective for the treatment of chronic inflammation; ha una "position" presso l'Università della Pennsylvania,USA.

Luigia Di Francesco (PhD:2008): Development of biochemical and genetic marker predictive of variability in the response to NSAIDs;

Paola Anzellotti (PhD: 2009): Determinants of the variability of the response to cyclooxygenase inhibitors, ha una posizione in una Azienda Farmaceutica.

Melania Dovizio (PhD: 2012): Novel insights into the role of cyclooxygenases in inflammation and cancer; ha una posizione di RTD junior presso l'Università G. D'Annunzio di Chieti.

Emanuela Marcantoni (PhD: 2013): Regulation and function of cyclooxygenases in vascular disease and cancer; ha un post-dottorato presso NYU Langone Medical Center, New York, USA.

Annalisa Bruno (PhD: 2014): Variability in the response to cyclooxygenase inhibitors: development of biomarkers of drug response and safer tharapeutics. ha un post-dottorato presso l'Università G. D'Annunzio di Chieti.

Sara Alberti Alberti (PhD 2015): Common mechanisms of disease in vascular dysfunction and cancer: role of platelet activation and cyclooxygenase-2.

Angela Sacco (2017): The multifaceted roles of platelets in health and disease: from hemostasis to wound healing and cancer, ha una posizione in una Azienda Farmaceutica.

Simone Schiavone (2018): Unravelling aspirin mechanism of action as anticancer agent, ha una posizione in una Azienda Farmaceutica.

Rosalia Grande (2019): 12-lipoxygenase: a novel target for reducing tumor metastasis, ha una posizione in una Azienda Farmaceutica.

Ilaria D'Agostino (ongoing): Platelets-molecular mechanisms for repair and regeneration of injured tissues and organs.

Rosa Fullone (ongoing): Influence of periodontal disease in the metastasis development: the role of platelet activation

Matteo Mucci (ongoing): Role of platelets and microparticles in tumor evasion: development of novel therapeutic strategies to facilitate tumor rejection

**ATTIVITA'
EDITORIALE**

Editorial Board: Advances in Pharmacological Sciences

Advisory Board: Journal of Thrombosis and Haemostasis

Associate Editor: Frontiers in Pharmacology

Editor in Chief: Frontiers in Pharmacotherapy of inflammation

Editorial Advise: Basic & Clinical Pharmacology and Toxicology

Peer-reviewed

E' reviewer per le seguenti riviste scientifiche internazionali: Biochim Biophys Acta, Blood, Journal of Thrombosis and Haemostasis, Circulation, Circulation Research, JACC, ATVB, JAMA, Clinical Drug Investigation, European Journal of Clinical Investigation, British Journal of Pharmacology, Arthritis & Rheumatism, Science, Blood, JPET, PNAS, Plos Medicine, Gastroenterology, POLM, Clinical and Experimental Rheumatology. Reviewer per la selezione degli ABSTRACT del XXIII e XXIV Congresso dell'International Society on Thrombosis and Haemostasis.

E' stata peer-reviewer di Progetti di Ricerca Nazionali ed Internazionali:

- ✓ The Health Research Board (HRB)- l'agenzia guida in Irlanda per il finanziamento della ricerca; Wellcome Trust – un ente indipendente per il finanziamento della ricerca per il miglioramento della salute dell'uomo e degli animali; The Science Foundation Ireland's Investigator Programme (una Fondazione irlandese che supporta progetti di ricerca innovativi e competitivi a livello internazionale); Yorkshire Cancer Research Awards (un'associazione inglese che supporta la ricerca oncologica); "Laboratories of excellence" - ANR (French Research Funding Agency); PRIN; FIRB; VQR 2004-2010; VQR 2011-2014; American Heart Association Grants; British Heart Foundation; Cancer research UK; WCRF International grant programme(UK); National Science Centre (Polonia).
- ✓ Referente per Dr. Lihong Chen per la partecipazione a "Great Rivers Affiliate GRA Winter 2014 Scientist Development Grant, American Heart Association"
- ✓ Referente per la Dott.ssa Emanuela Ricciotti per la partecipazione a "Association Wide AWRP Summer 2016 Scientist Development Grant, American Heart Association".

Brevetti

1. Brevetto Italiano (n. MI2004A000019): "DERIVATI ISOSSAZOLICI E LORO IMPIEGO COME INIBITORI DELLA CICLOOSSIGENASI" depositato in data 12/01/2004. Inventori: Scilimati A, Vitale P, Di Nunno L, Patrignani P, Tacconelli S.
2. Brevetto Italiano (n. MI2005A001320): "DIARILISOSSAZOLI FUNZIONALIZZATI INIBITORI DELLA CICLOOSSIGENASI" depositato il 12/07/2005. Inventori: Scilimati A, Vitale P, Di Nunno L, Patrignani P, Capone ML. Tacconelli S.
3. Brevetto Europeo n. 05702217.0: "ISOXAZOLE DERIVATIVES AND THEIR USE AS CYCLOOXYGENASE INHIBITORS" depositato in data 24/3/2007. Inventori: Scilimati A, Vitale P, Di Nunno L, Patrignani P, Tacconelli S, Stupia L, Porreca E.
4. Brevetto Europeo n. 10005150.7: "ISOXAZOLE DERIVATIVES AND THEIR USE AS CYCLOOXYGENASE INHIBITORS", depositato il 12/01/2005. Inventori: Scilimati A, Vitale P, Di Nunno L, Patrignani P, Tacconelli S, Stupia L, Porreca E.
5. Brevetto in USA n. 12/007,571 7,989,450 B2 "Functionalized diarylisoxazoles inhibitors of cyclooxygenase" (pubblicato il 2/8/2011). Inventori: Scilimati A, Di Nunno L, Vitale P, Patrignani P, Tacconelli S, Capone ML

Finanziamenti

Fondi da enti pubblici nazionali ed internazionali (ultimi 15 anni)

- a. Componente del Centro di Eccellenza sull'Invecchiamento (Responsabile C. Patrono) (MIUR)
- b. AIRC (2005-2007): Determinants of colorectal adenoma recurrence in patients with FAP in response to celecoxib (Investigator Grant).
- c. MIUR (PRIN 2006-2009): The emerging role of platelet transcriptome and signalosome into the variability of the response to aspirin in cardiovascular disease (Coordinatore).
- d. Responsabile di un workpackage nel progetto europeo EICOSANOX (FP6) (2004-2009)
- e. NIH grant 2008-2010 (USA): Oxidative damage, disability and mortality in elders; Grant Number: 1 R01 AG026556-0.
- f. MIUR (PRIN 2010-2011): A translational medicine research programme exploring early events in cancer development: the role of platelets in intestinal tumorigenesis (Coordinatore)
- g. AIRC (2011-2014): "Platelets in colorectal cancer development" (Investigator Grant).
- h. Aragon Institute Health Sciences (IACS) di Zaragoza, Spagna (2013): "Development of biomarkers of prostanoid inhibition using metabolomics and proteomics strategies" (Research Agreement).
- i. Aragon Institute Health Sciences (IACS), Zaragoza, Spain (2014): "Aspirin and colorectal cancer prevention: exploring the platelet hypothesis of its mechanism of action" (Research Agreement).
- j. 2018-ongoing: AIRC 2017 Id.20365: Extracellular vesicles in colorectal cancer: diagnostic and therapeutic implications (PI: Paola Patrignani) Investigator Grant.
- k. 2018-ongoing Cancer Research UK Grant Award: Understanding the mechanisms and benefit risk of aspirin chemoprevention of cancer through population research - Aspirin for Cancer Prevention Collaboration (AfCPC) (PI of Research Unit: Paola Patrignani).

Fondi da Industrie Farmaceutiche (ultimi 15anni):

- i. Daiichi Sankyo, 2007-2008: Assessment of the effects of a novel drug (DZ-697b) on the antiplatelet activity of aspirin in healthy subjects.
- ii. ACRAF SpA, 2009: Role of cyclooxygenases and PGE2 synthase in experimental inflammatory bowel disease (IBD).
- iii. ACRAF SpA, 2010: Pharmacological characterization of AF3485 towards COX-isozyme and 5-lipoxygenase activities in vitro.
- iv. NicOx, 2009: Evaluation of antiplatelet and anti-inflammatory effects of Nitrooxy-acyl Derivatives of Salicylic Acid.
- v. NicOx 2010: Role of COX inhibition and NO donation on in vitro platelet aggregation by NCX429 (CINOD).
- vi. Rottapharm SpA, 2010-2011: Effects of novel diarylpyrrole derivative on cyclooxygenase -1 and cyclooxygenase-2 activities in human whole blood assays in vitro.

vii. IROKO PHARMACEUTICALS, LLC (Philadelphia, USA), 2015: A randomized, repeat-dose, crossover study to characterize COX-1 and COX-2 inhibition in healthy subjects administered meloxicam solumatrix® capsules 5 mg and 10 mg and meloxicam 15 mg tablets.

Pubblicazioni:

Articoli, review e editoriali: 172
Capitoli in Libri: 22
h index: 53 (Scopus), 59 (Google Scholar)

Allegati

Pubblicazioni su riviste internazionali classificate nel Journal Citation Reports

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali"

Chieti, 31/1/2020

Firma



Pubblicazioni su riviste internazionali classificate nel Journal Citation Reports

1. Patrono C, **Patrignani P**. Pharmacologic modulation of arachidonic acid metabolism in man. A minireview with emphasis on radioimmunological methods used to quantitate drug effects. *Int J Immunopharmacol*. 1982; 4(2): 127-33.
2. Patrono C, Pugliese F, Ciabattoni G, **Patrignani P**, Maseri A, Chierchia S, Peskar BA, Cinotti GA, Simonetti BM, Pierucci A. Evidence for a direct stimulatory effect of prostacyclin on renin release in man. *J Clin Invest*. 1982; 69(1): 231-9.
3. **Patrignani P**, Filabozzi P, Patrono C. Selective cumulative inhibition of platelet thromboxane production by low-dose aspirin in healthy subjects. *J Clin Invest*. 1982; 69(6): 1366-72.
4. **Patrignani P**, Filabozzi P, Patrono C. Low-dose aspirin is a selective inhibitor of platelet cyclooxygenase activity in healthy subjects. *Adv Prostaglandin Thromboxane Leukot Res*. 1983; 11: 259-64.
5. Patrono C, Ciabattoni G, **Patrignani P**, Filabozzi P, Pinca E, Satta MA, van Dorne D, Cinotti GA, Pugliese F, Pierucci A, Simonetti BM. Evidence for a renal origin of urinary thromboxane B2 in health and disease. *Adv Prostaglandin Thromboxane Leukot Res*. 1983; 11: 493-8.
6. Remuzzi G, Benigni A, Dodesini P, Schieppati A, Livio M, De Gaetano G, Day SS, Smith WL, Pinca E, **Patrignani P**, Patrono C. Reduced platelet thromboxane formation in uremia. Evidence for a functional cyclooxygenase defect. *J Clin Invest*. 1983; 1(3): 762-8.
7. Edlund A, Fredholm BB, **Patrignani P**, Patrono C, Wennmalm A, Wennmalm M. Release of two vasodilators, adenosine and prostacyclin, from isolated rabbit hearts during controlled hypoxia. *J Physiol*. 1983; 340: 487-501.
8. **Patrignani P**, Filabozzi P, Catella F, Pugliese F, Patrono C. Differential effects of dazoxiben, a selective thromboxane-synthase inhibitor, on platelet and renal prostaglandin-endoperoxide metabolism. *J Pharmacol Exp Ther*. 1984; 228(2): 472-7.
9. Patrono C, Ciabattoni G, Filabozzi P, Catella F, Forni L, Segni M, **Patrignani P**, Pugliese F, Simonetti BM, Pierucci A. Drugs, prostaglandins, and renal function. *Adv Prostaglandin Thromboxane Leukot Res*. 1985; 13: 131-9.
10. De Caterina R, Giannessi D, Bernini W, Boem A, **Patrignani P**, Filabozzi P, Patrono C. Aspirin after acute myocardial infarction: a systematic approach to compare the hemostatic effects of three different doses. *Adv Prostaglandin Thromboxane Leukot Res*. 1985; 13: 267-70.
11. Lichtenthal PR, Rossi EC, Louis G, Rehnberg KA, Wade LD, Michaelis LL, Fung HL, **Patrignani P**. Dose-related prolongation of the bleeding time by intravenous nitroglycerin. *Anesth Analg*. 1985; 64(1): 30-3.
12. Trimarco B, De Simone A, Cuocolo A, Ricciardelli B, Volpe M, **Patrignani P**, Saccà L, Condorelli M. Role of prostaglandins in the renal handling of a salt load in essential hypertension. *Am J Cardiol*. 1985; 55(1): 116-21.
13. Alessandrini P, Avogaro P, Bittolo Bon G, **Patrignani P**, Patrono C. Physiologic variables affecting thromboxane B2 production in human whole blood. *Thromb Res*. 1985; 37(1): 1-8.
14. De Caterina R, Giannessi D, Bernini W, Gazzetti P, Michelassi C, L'Abbate A, Donato L, **Patrignani P**, Filabozzi P, Patrono C. Selective inhibition of thromboxane-related platelet function by low-dose aspirin in patients after myocardial infarction. *Am J Cardiol*. 1985; 55(5): 589-90.
15. De Caterina R, Giannessi D, Bernini W, Gazzetti P, Michelassi C, L'Abbate A, Donato L, **Patrignani P**, Filabozzi P, Patrono C. Low-dose aspirin in patients recovering from myocardial infarction. Evidence for a selective inhibition of thromboxane-related platelet function. *Eur Heart J*. 1985; 6(5): 409-17.
16. De Caterina R, Giannessi D, Boem A, Bernini W, Battaglia D, Michelassi C, Dell'Amico F, L'Abbate A, **Patrignani P**, Patrono C. Equal antiplatelet effects of aspirin 50 or 324 mg/day in patients after acute myocardial infarction. *Thromb Haemost*. 1985; 54(2): 528-32.

17. Patrono C, Ciabattoni G, **Patrignani P**, Pugliese F, Filabozzi P, Catella F, Davì G, Forni L. Clinical pharmacology of platelet cyclooxygenase inhibition. *Circulation*. 1985; 72(6): 1177-84.
18. Laffi G, La Villa G, Pinzani M, Ciabattoni G, **Patrignani P**, Mannelli M, Cominelli F, Gentilini P. Altered renal and platelet arachidonic acid metabolism in cirrhosis. *Gastroenterology*. 1986; 90(2): 274-82.
19. Trimarco B, Cuocolo A, Ricciardelli B, **Patrignani P**, Volpe M, de Luca N, Condorelli M. Effects of prostaglandin synthesis inhibition on sympathetic-and parasympathetic-mediated coronary hemodynamic responses. *J Pharmacol Exp Ther*. 1986; 237(2): 589-99.
20. **Patrignani P**, Canete-Soler R. Biosynthesis, characterization and inhibition of leukotriene B4 in human whole blood. *Prostaglandins*. 1987; 33(4): 539-51.
21. Ciabattoni G, Boss AH, **Patrignani P**, Catella F, Simonetti BM, Pierucci A, Pugliese F, Filabozzi P, Patrono C. Effects of sulindac on renal and extrarenal eicosanoid synthesis. *Clin Pharmacol Ther*. 1987; 41(4): 380-3.
22. **Patrignani P**, Valitutti S, Aiello F, Musiani P. Platelet-activating factor (PAF) receptor antagonists inhibit mitogen-induced human peripheral blood T-cell proliferation. *Biochem Biophys Res Commun*. 1987; 148(2): 802-10.
23. Pierucci A, Simonetti BM, Pecci G, Mavrikakis G, Feriozzi S, Cinotti GA, **Patrignani P**, Ciabattoni G, Patrono C. Improvement of renal function with selective thromboxane antagonism in lupus nephritis. *N Engl J Med*. 1989; 320(7): 421-5.
24. **Patrignani P**, Morton H, Cirino M, Lord A, Charette L, Gillard J, Rokach J, Patrono C. Fractional conversion of thromboxane A2 and B2 to urinary 2,3-dinor-thromboxane B2 and 11-dehydrothromboxane B2 in the cynomolgus monkey. *Biochim Biophys Acta*. 1989; 992(1): 71-7.
25. Valitutti S, Castellino F, Aiello FB, Ricci R, **Patrignani P**, Musiani P. The role of arachidonic acid metabolite PGE2 on T cell proliferative response. *J Clin Lab Immunol*. 1989; 29(4): 167-73.
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Partecipazione come relatore a congressi nazionali ed internazionali (ultimi 10 anni)

1. **Patrignani P**. Role of Prostanoids in Endothelial Biology. Keystone Symposia, Bioactive Lipids, 6 -11 June 2010; Kyoto, Japan.
2. **Patrignani P**. Insights into the efficacy and risk management of COX-2 inhibitors: an example of translational medicine". WorldPharma2010-16th World Congress of Basic Clinical Pharmacology, 17-23 July 2010; Copenhagen, Denmark.
3. **Patrignani P**. Anti-inflammatory benefits and cardiovascular toxicity of NSAIDs and COX-2 inhibitors. WorldPharma2010-16th World Congress of Basic Clinical Pharmacology, 17-23 July 2010; Copenhagen, Denmark.
4. **Patrignani P**. Cyclooxygenases and heme-oxygenase-1 in endothelial biology. First International Summer PhD School on "Lipid Signalling", 27-28 September 2010; Chieti, Italy.
5. **Patrignani P**. Role of prostanoids and heme-oxygenase-1 in vascular function. Italian-German center of European Excellence, 23-26 March 2011; Villa Vigoni, Italy.
6. **Patrignani P**. Evidence Based Medicine nella terapia delle artriti. Giornate Reumatologiche Veronesi 2011, 7 April 2011; Verona, Italy.
7. **Patrignani P**. Aspirin and disease prevention: COX-isozymes and beyond COX-inhibition - a mechanistic approach. Winter School 2011 of FIRS, the Dr. Hans Kröner-Graduiertenkolleg and the iGK 757 "Roles of Eicosanoids in Biology & Medicine", 10-14 May 2011; Obergurgl, Austria.
8. **Patrignani P**. Piastrine e cancro. "Attivazione ed inibizione piastrinica nell'aterotrombosi", 27-28 May 2011; Chieti, Italy.
9. **Patrignani P**. Aspirina nella chemioprevenzione della tumorigenesi intestinale. Mendrisio Medical Meeting, 8-9 June, 2011; Mendrisio, Switzerland.
10. **Patrignani P**. Role of prostanoids in endothelial cell function, in health and disease. International School of Pharmacology, 77th Workshop: Eicosanoids in cardiovascular disease. 20-23 June 2011; Erice, Italy.
11. **Patrignani P**. Predictive biomarkers for response to functional foods. Probiotics, prebiotics & New foods, 11-13 September 2011; Rome, Italy.
12. **Patrignani P**. The Role of Cyclooxygenase-derived Eicosanoids in Shock. The 14th International Winter Eicosanoid Conference, 11-14 March 2012; Baltimore, USA.

13. **Patrignani P.** Update on Analgesic and Anti-inflammatory Benefits and Cardiovascular Toxicity of NSAIDs and COX-2 Inhibitors: Towards a Personalized Medicine. 23rd Annual Meeting of Thai Association for the study of Pain. 4-7 May 2012; Chonburi, Thailand.
14. **Patrignani P.** Grand Challenges in Pharmacotherapy of Inflammation for the First Decades of the 21 Century. 23rd Annual Meeting of Thai Association for the study of Pain. 4-7 May 2012; Chonburi, Thailand.
15. **Patrignani P.** COX-isozyme inhibition and cancer. Clinical Read-Outs of COX-Isozyme inhibition. 24 September 2012; Verona, Italy.
16. **Patrignani P.** Aspirin and the risk of cancer. Italian/French hemostasis meeting organized by ITMO IHP, 19-20 November 2012; Paris, France.
17. **Patrignani P.** Endocannabinoid metabolism, eicosanoids and NSAIDs. "Novel Drugs and Drug Targets to Treat Inflammation", 12-15 March 2013; Lapland, Finland.
18. **Patrignani P.** Antiplatelet agents: is there a role in cancer prevention? Mendrisio Medical Meeting 17-18 April 2013; Mendrisio, Switzerland.
19. **Patrignani P.** Antiplatelet agents: is there a role in cancer prevention? 11th Winter Meeting on Coagulation, 14-20 April 2013; Bormio, Italy.
20. **Patrignani P.** Rischio cardiovascolare associato all'uso di farmaci anti-infiammatori non steroidei. Corso di Perfezionamento in Farmacia e Farmacologia Cliniche, 2^a Edition 17-18 May 2013; Padua, Italy.
21. **Patrignani P.** Recent insights into the role of cyclooxygenases in cancer. 2013 Shanghai Symposium on Polyunsaturated Fatty Acids and Metabolism. 3-4 June 2013; Institute for Nutritional Sciences; Shanghai, China.
22. **Patrignani P.** Low-dose aspirin, atherothrombosis and cancer. 6th Summer School of the Hellenic Atherosclerosis Society, 27-29 June 2013; Greece.
23. **Patrignani P.** Gut microbiota, host gene expression and ageing. "7th Probiotics, Prebiotics & New Foods", 8-10 September 2013; Rome, Italy.
24. **Patrignani P.** Ruolo delle piastrine e dell'infiammazione nello sviluppo del tumore. "Incontri con la Ricerca" nelle Università", evento promosso da AIRC, 7 November 2013; Chieti, Italy.
25. **Patrignani P.** Ruolo delle piastrine nella tumorigenesi e nelle metastasi: sviluppo di nuove strategie antitumorali. IV Corso Nazionale di aggiornamento PIASTRINE 2013, 14-16 November 2013; Milan, Italy.
26. **Patrignani P.** Ruolo delle piastrine nella tumorigenesi e nelle metastasi: sviluppo di nuove strategie antitumorali. Seminari Piastrine 2013, 22 November 2013; Verona, Italy.
27. **Patrignani P.** Anti-platelet agents and cancer prevention. William Harvey Research Institute, 2 December 2013; London, UK.
28. **Patrignani P.** Antinfiammatori non steroidei: vecchi concetti e nuovi orizzonti. VIII Convegno Fermano di Riabilitazione Reumatologica "Nuove evidenze in Reumatologia", 7 December 2013; Fermo, Italy.
29. **Patrignani P.** Farmaci anti-piastrinici nella prevenzione dei tumori: meccanismo e prospettive future" - 23 January 2014; Accademia Medica di Roma, Rome, Italy.
30. **Patrignani P.** The assay of cyclooxygenase activity. International School of Pharmacology. 81st Course : "Eicosanoids and Related Compounds" 2-7 September 2014, Erice, Italy
31. **Patrignani P.** Platelets, cyclooxygenases and colon cancer. International School of Pharmacology. 81st Course : "Eicosanoids and Related Compounds" 2-7 September 2014, Erice, Italy
32. **Patrignani P.** Cyclooxygenases. Fifth European Workshop on Lipid Mediators. 22-24 October 2014, Istanbul, Turkey
33. **Patrignani P.** The role of platelets in cardiovascular disease and cancer. Fifth European Workshop on Lipid Mediators, 22-24 October 2014, Istanbul, Turkey.

34. **Patrignani P.** Platelets, Cyclooxygenases and Cancer. 2014 Wuhan Symposium on Polyunsaturated Fatty Acid and Metabolism, 25-26 October 2014, Wuhan, China.
35. **Patrignani P.** Epigenetics, nonsteroidal antiinflammatory drugs and colorectal cancer, 28 October 2014, Institute for Nutritional Sciences; Shanghai, China.
36. **Patrignani P.** Crosstalk between platelets and cancer cells and the effect of antiplatelet drugs. IASBS 2014, Conway Institute, University College Dublin, 13 Novembre 2014, Dublin, Ireland.
37. **Patrignani P.** La chemioprolifassi con ASA: Il punto di vista del farmacologo. 31° CONGRESSO NAZIONALE SIMG 27 Novembre 2014, SIMG 27 Novembre 2014, Florence, Italy
38. **Patrignani P.** Platelets versus extraplatelet components of aspirin pharmacodynamics. 2015 Scientific Conference “Aspirin in the 21st century”, International Aspirin Foundation, August 28, 2015, London, UK.
39. **Patrignani P.** The role of platelet activation in colorectal carcinogenesis. The Eurothrombosis Summit, 1-3 October 2015, Como, Italy.
40. **Patrignani P.** Chairpersons at SIF-ITAHFA Joint Symposium: The clinical pharmacology of heart failure: general aspects and special situations, 27 October 2015, Naples, Italy.
41. **Patrignani P.** Symposium of the Else Kroner-Fresenius-Graduiertenkollegin, 2-4 November, 2015, Bad Homburg, Germany.
42. **Patrignani P.** Bayer Pharma AG Advisory Board Meeting: “Mechanisms of action of Aspirin: focus on chemoprevention in colorectal cancer”, 2-3 December 2015, Berlin, Germany
43. **Patrignani P.** Piastrine ed infiammazione. SEMINARI PIASTRINE, TROMBOSI ED EMOSTASI. 10 December 2015, Policlinico “G.B. Rossi”, Verona, Italy.
44. **Patrignani P,** Sacco A, Sostres C, Bruno A, Dovizio M, Piazuolo E, Di Francesco L, Schiavone S, Tacconelli S, Ferrandez A, Patrono C, Lanas A. Direct evidence for long-lasting acetylation of cyclooxygenase-1 associated with inhibition of prostaglandin E₂ and phosphorylated S6 ribosomal protein in colorectal mucosa by low-dose aspirin in subjects undergoing colorectal cancer screening (Abstract submitted to Digestive Disease Week, DDW, San Diego 2016).
45. **Patrignani P.** New insights into the biology, functions and inhibition of cyclooxygenases. International Conference on the Bioscience of Lipids, 04-08/September 2016, Chamonix, France.
46. **Patrignani P.** Biology and inhibition of cyclooxygenases in cardiovascular disease. Complications of Diabetes and Obesity Symposium. 11-13 January 2017, Dublin, Ireland.
47. **Patrignani P.** Il ruolo dell’ASA nella prevenzione oncologica. Nuova vita per un vecchio farmaco: l’acido acetilsalicilico “ASA” Fondazione Poliambulanza Istituto Ospedaliero, 27 May 2017, Brescia, Italy.
48. **Patrignani P.** Novel insights into the role of prostanoids in intestinal inflammation. ERICE COURSE “ADVENTURES IN THE LIPIDOME”, 26-30 Settembre 2017, Erice, Sicilia, Italy (Invited speaker).
49. **Patrignani P.** Acetylsalicylic acid and cancer: where do we stand, in SYMPOSIUM acetylsalicylic acid, 120 years, 38 CONGRESSO SIF, 25-28 Ottobre 2017, Rimini, Italy (Invited speaker).
50. **Patrignani P.** Anti-aggregazione piastrinica e cancro. XXIII Brixen conference sulla Prevenzione Cardiovascolare, 26-28 Ottobre 2017, Bressanone, Italy (Invited speaker).
51. **Patrignani P.** Role of Platelets in Inflammatory Intestinal Disease: a Lesson from Conditional Mice with Specific Deletion of COX-1 in Megakaryocytes/Platelets. Winter Eicosanoid Conference, March 2018, Baltimore, USA.
52. **Patrignani P.** Lettura: Fans update. XIII Convegno dei Centri di Terapia del Dolore - 21/23 June 2018, Padova (Italy).
53. **Patrignani P.** Role of Platelets in the regulation of tissue regeneration with platelet concentrates. Academy of Non Transfusional Hemo-Components (ANTHEC). Conference theme: REGENERATIVE MEDICINE IN DAILY CLINICAL PRACTICE - Rome, Italy, October 13, 2018

54. **Patrignani P.** Emerging roles for platelets in inflammation and cancer: lessons from conditional mice with specific deletion of COX-1 in megakaryocytes/platelets. Pescara Meeting 2018: RESOLUTION OF INFLAMMATION: MECHANISMS, MEDIATORS & BIOMARKERS. Pescara, Italy, November 13-16, 2018
55. **Patrignani P.** Can cancer be prevented? New hopes from research. Associazione Italiana Ricerca sul Cancro (AIRC) Conference. Pescara, Italy, March 2, 2019.
56. **Patrignani P.** Potential molecular targets of aspirin in the chemoprevention of colorectal cancer. Conference theme: ASPIRIN AND CANCER: WHAT WE KNOW TODAY AND WHERE THE RESEARCH IS GOING. Accademia Medica di Roma, Rome, Italy, May 16, 2019.
57. **Patrignani P.** Platelet involvement in Tumorigenesis and Metastasis. Potential role of Aspirin and P2Y12 Receptor antagonists. 26th Anniversary International Congress on Thrombosis 2019 (ICT 2019), Athens, Greece, June 19-22, 2019.
58. **Patrignani P.** Mechanisms underlying the non-vascular effects of low-dose aspirin. International Aspirin Foundation Scientific Conference 2019, Rome, Italy, June 28, 2019
59. **Patrignani P.** Platelets and extracellular vesicles in cancer: diagnostic and therapeutic implications. Conference theme: achievement and discoveries in the biomedical field of the "Italian Top Scientists" (TIWS). Osservatorio Nazionale sulla salute della donna e di genere (Onda), Reggio Emilia, Italy, July 4, 2019.
60. **Patrignani P.** Mechanism of action of low-dose aspirin in the chemoprevention of colorectal cancer". International School of Pharmacology, Erice, September 8-12, 2019.
61. **Patrignani P.** "Cancer development and progression and its relation to platelets" Invited lecture, Goethe University, Frankfurt, December 6, 2019.
62. **Patrignani P.** "Sviluppo e progressione del cancro e sua relazione con le piastrine" Seminari piastrine Verona, Università di Verona, December 13, 2019.