

CURRICULUM VITAE
FRANCESCA BARATTA

ASTI, 26 SETTEMBRE 1982

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EDUCATION AND TRAINING

2015

Postgraduate Course in "Tropical Medicine and Health Cooperation"

Department of Experimental and Clinical Medicine, Infectious Diseases Clinic, University of Florence, Regional Reference Center for the Study and Treatment of Tropical Diseases, Careggi University Hospital, Florence

2012 - 2014

PhD in "Pharmaceutical and Biomolecular Sciences", XXVII cycle, University of Turin

Thesis title: "Galenics into the international healthy field as an answer to the hospital peculiar needs: know-how portability from the National context to the Developing Countries"

2007 - 2008

Master of Science in "Pharmacy System"

Faculty of Pharmacy, University of Pisa. Thesis title: "Galenic medicines: personalized preparation, quality control and assurance", "Project for an ideal galenic laboratory"

2007

Licensed to practice as a Community Pharmacist

University of Turin

2001 - 2006

Master's Degree in Pharmacy

Faculty of Pharmacy, University of Turin

Thesis title: "Galenic medicines: methodologies to guarantee their quality".

PROFESSIONAL EXPERIENCES

October 2021

Member of the Scientific Committee of the "Chiara Colombo" Master in Community Pharmacy, University of Turin

October 2021

Member of the "Third Mission" Commission of the Department of Drug Science and Technology, University of Turin

2021-

Researcher at the Department of Drug Science and Technology, University of Turin

2021-

Guest Associate Editor in Experimental Pharmacology and Drug Discovery, *Frontiers in Pharmacology Journal*, Research Topic "Medicinal Cannabis: Evolution of Therapeutic Use, Future Approaches and Other Implications",

2021-

Special Issue Editor, *Pharmaceutics Journal*, Special Issue "New Perspectives for the Administration of Cannabis for Medical Use: From Traditional to Advanced Formulations. What Next?"

2018-

Member of the "Study Group on *Cannabis sativa* and its therapeutic applications" established at the University of Turin with Rector's Decree number 1669 of 04/05/2018.

2018-

Member of the Study Group for the prevention of nosocomial infections and the introduction of parenteral nutrition protocols at the Saint Damien Children's Hospital in Haiti

2007-2021

Postdoctoral Research Fellow at the Department of Drug Science and Technology of the University of Turin

2015-

Activities in Public Health projects relating to the role of the community pharmacist in relation to the chronic diseases with the greatest impact on the NHS

2010-

International health cooperation projects in developing countries of Africa and Central America carried out as part of the activities of the organization Aid Progress Pharmacist Agreement in agreement with the Department of Drug Science and Technology of the University of Turin, for the opening of galenic laboratories in local health facilities. In particular, the activity carried out on site concerned the coordination of the activities of the hospital pharmacies of the host health facilities in relation to the sterile and non-sterile clinical galenics.

TEACHING ACTIVITIES

2007-

Teaching activities in the field of Medicines Legislation and Pharmaceutical Technology
University of Turin, Degree Course in Pharmacy, School of Specialization in Hospital Pharmacy and the Master in Territorial Pharmacy

2007-

Teaching in professional training courses for community and hospital pharmacists

SCIENTIFIC ASSOCIATIONS

2019: member of the Scientific Association of Italian Pharmacists (ASFI)

2019- member of the Italian Chemical Society (SCI), Pharmaceutical Technology division

2019-: member of ADRITELF (Association of Italian Teachers and Researchers of Pharmaceutical Technologies and Legislation)

2020-: member of the Controlled Release Society (CRS) - Italian Section

SCIENTIFIC ACTIVITY

Patent

Patent for Industrial Invention n. 102018000011128, granted on 17/11/2020 by the Italian Patent and Trademark Office, General Directorate for the Protection of Industrial Property, Ministry of Economic Development for the invention entitled "Process for extracting active ingredients from *Cannabis*."

Clinical trials (participation as an investigator)

- PROTCAN - placebo-controlled study on the safety and efficacy, in particular as regards the improvement of the quality of life, of a galenic preparation in capsules based on *Cannabis* oil, in patients suffering from pathological conditions selected from those identified by the Ministry of Health and the Council Regional of Piedmont. Approved by the Intercompany Ethics Committee A.O.U. City of Health and Science of Turin - A.O. Mauritian Order - A.S.L. City of Turin with protocol N ° 0075747 of 20/07/2018
- MONAPOL - evaluation of the cholesterol-lowering activity of a galenic preparation similar to a food supplement containing monacolin K and policosanols in subjects with mild-moderate uncomplicated non-familial hypercholesterolemia: randomized double-blind controlled study. Approved by the Ethics Committee of the North Turin Local Health Authority with protocol N ° 57386 of 24/10/2011
- CHEMOS - Approach to the counseling of cancer patients undergoing oral therapy: contribution of the multidisciplinary group doctor-nurse-pharmacist-psycho-oncologist. Approved by the Intercompany Ethics Committee A.O.U. St. John the Baptist of Turin - A.O. C.T.O. Maria Adelaide of Turin in September 2010
- PROTPROS - evaluation of the chemopreventive activity of a galenic preparation similar to a food supplement containing selenomethionine, lycopene and polyphenols (epigallocatechingallate and green tea catechins) in patients at high risk of prostate cancer: randomized phase II study. Approved by the Intercompany Ethics Committee A.O.U. St. John the Baptist of Turin - A.O. C.T.O. Maria Adelaide of Turin with resolution n ° 389/422/70/2009 of 09/18/2009

Papers

1. **Baratta F**, Ciccolella M, Brusa P (2021) "The Relationship between Customers and Community Pharmacies during the COVID-19 (SARS-CoV-2) Pandemic: A Survey from Italy" *Int J Environ Res Public Health*. 2021 Sep 11;18(18):9582. doi: 10.3390/ijerph18189582.
2. Spadea T, Onorati R, **Baratta F**, Pignata I, Parente M, Pannacci L, Ancona D, Ribecco P, Costa G, Gnavi R, Brusa P (2021) "Monitoring adherence to pharmacological therapy and follow-up examinations among patients with type 2 diabetes in community pharmacies. Results from an experience in Italy" *PLoS One*. 2021 Sep 7;16(9):e0256478. doi: 10.1371/journal.pone.0256478.
3. Stella B, **Baratta F**, Della Pepa C, Arpicco S, Gastaldi D, Dosio F (2021) "Cannabinoid Formulations and Delivery Systems: Current and Future Options to Treat Pain" *Drugs*. 2021 Sep;81(13):1513-1557. doi: 10.1007/s40265-021-01579-x.
4. Comandone T, Enrico F, Capilli M, **Baratta F**, Brusa P (2021) "The importance of Dose Intensity in neoadjuvant, adjuvant and palliative chemotherapy in breast cancer / Appropriatelyzza ed impatto della "dose intensity" nell'ambito dei trattamenti chemioterapici del carcinoma della mammella" *Giornale Italiano di Farmacia Clinica GIFAC* 2021;35(1):22-37 | doi 10.1721/3583.35677
5. Chirio D, Peira E, Sapino S, Chindamo G, Oliaro-Bosso S, Adinolfi S, Dianzani C, **Baratta F**, Gallarate M (2021) "A New Bevacizumab Carrier for Intravitreal Administration: Focus on Stability". *Pharmaceutics*. 2021; 13(4):560
6. **Baratta F**, Visentin GM, Enri LR, Parente M, Pignata I, Venuti F, Di Perri G, Brusa P (2021) "Community pharmacy practice in Italy during the COVID-19 (SARS-CoV-2) pandemic: Regulatory changes and a cross-sectional analysis of seroprevalence". *International Journal of Environmental Research and Public Health*, 2021, 18(5), pp. 1–12, 2302
7. **Baratta F**, Simiele M, Pignata I, Ravetto Enri L, D'Avolio A, Torta R, De Luca A, Collino M, Brusa P (2021) "Cannabis-Based Oral Formulations for Medical Purposes: Preparation, Quality and Stability". *Pharmaceutics (Basel)*. 2021 Feb 22;14(2):171.
8. Fanelli E, Ravetto Enri L, Pappaccogli M, Fasano C, Di Monaco S, Pignata I, **Baratta F**, Eula E, Masera G, Mana M, Rabbia F, Brusa P, Veglio F (2021) "Knowledge on arterial hypertension in general population: results from a community pharmacy screening program". *Nutrition, Metabolism and Cardiovascular Diseases*, 2021 Apr 9;31(4):1081-1086.
9. Ghiggia A, Bianco A, Castelli L, **Baratta F**, Birocco N, Scaldaferrì M, Milla P, Tesio V, Rosso S, Torta S, Brusa P, Cattel F (2021) "Adherence to oral chemotherapy: Evidence from a randomised clinical trial". *Eur J Cancer Care (Engl)*. 2021 Jan;30(1):e13336.
10. Gallone EL, Ravetto Enri L, Pignata I, **Baratta F**, Brusa P (2020) "The 2017 deregulation of pharmacies in Italy: Introducing non-pharmacist ownership". *Health Policy*. 2020 Dec;124(12):1281-1286. doi: 10.1016/j.healthpol.2020.08.013. Epub 2020 Sep 19.
11. Gnavi R, Sciannoneo V, **Baratta F**, Scarinzi C, Parente M, Mana M, Giaccone M, Cavallo Perin P, Costa G, Spadea T, Brusa P (2020) "Opportunistic screening for type 2 diabetes in community pharmacies. Results from a region-wide experience in Italy". *PLoS One*. 2020 Mar 18;15(3):e0229842. doi: 10.1371/journal.pone.0229842. eCollection 2020.
12. Parente M, Pignata I, Gnavi R, Spadea T, Di Martino M, **Baratta F**, Brusa P (2020) "Assessment of Non-Adherence to Oral Metformin and Atorvastatin Therapies: A Cross-Sectional Survey in Piedmont (Italy)". *Patient Prefer Adherence*. 2020 Feb 14;14:261-266. doi: 10.2147/PPA.S226206. eCollection 2020.
13. Pignata I, Vicenzi G, Ravetto Enri L, **Baratta F**, Quagliano P, Comandone A, Ala A, Icardi M, Spadi R, Brusa P (2019) "The importance of a multidisciplinary care: community pharmacies as a hub to support oncologic patients with cutaneous reactions due to treatments", *G Ital Dermatol Venereol*. 2019 Sep 12. doi: 10.23736/S0392-0488.19.06418-6. Online ahead of print.
14. Pappaccogli M, Ravetto Enri L, Perlo E, Di Monaco S, Pignata I, **Baratta F**, Rabbia F, Mana M, Veglio F, Brusa P (2019) "Assessment of a non-physician screening program for hypertension and cardiovascular risk in community pharmacies". *Nutr Metab Cardiovasc Dis*. 2019 Dec;29(12):1316-1322. doi: 10.1016/j.numecd.2019.07.009. Epub 2019 Jul 19.
15. **Baratta F**, Simiele M, Pignata I, Ravetto Enri L, Torta R, De Luca A, Collino M, D'Avolio A, Brusa P (2019) "Development of Standard Operating Protocols for the Optimization of Cannabis-Based Formulations for Medical Purposes". *Front Pharmacol*. 2019 Jun 25;10:701. doi: 10.3389/fphar.2019.00701. eCollection 2019.
16. **Baratta F**, Allais G, Rolando S, Manzoni GC, Bussone G, Benedetto C, Scarinzi C, Gnavi R, Spadea T, Costa G, Parente M, Mana M, Giaccone M, Mandelli A, Brusa P (2019) "Prevention, education and counselling: the worldwide role of the community pharmacist as an epidemiological sentinel of headaches". *Neurol Sci*. 2019 May;40(Suppl 1):15-21. doi: 10.1007/s10072-019-03794-7.

17. Spadea T, Scarinzi C, **Baratta F**, Allais G, Rolando S, Manzoni GC, Bussone G, Benedetto C, Costa G, Parente M, Mana M, Giaccone M, Mandelli A, Brusa P, Gnavi R (2019) "Access to Migraine Centres by Educational Level of Patients and Awareness of the Disease", *Neurol Sci.* 2019 May;40(Suppl 1):207-209. doi: 10.1007/s10072-019-03819-1.
18. Ravetto Enri L*, **Baratta F***, Pignata I, Brusa P (2019) "How to promote vaccinations: a pilot study in the North-West of Italy", *Hum Vaccin Immunother.* 2019;15(5):1075-1079. doi: 10.1080/21645515.2019.1581540. Epub 2019 Apr 11.
19. Brusa P, Allais G, Scarinzi C, **Baratta F**, Parente M, Rolando S, Gnavi R, Spadea T, Costa G, Benedetto C, Mana M, Giaccone M, Mandelli A, Manzoni GC, Bussone G (2019) "Self-medication for migraine: A nationwide cross-sectional study in Italy". *PLoS One.* 2019 Jan 23;14(1):e0211191. doi: 10.1371/journal.pone.0211191. eCollection 2019.
20. Collotta D, Lucarini L, Chiazza F, Cento AS, Durante M, Sgambellone S, Chini J, **Baratta F**, Aragno M, Mastrocola R, Masini E, Collino M (2018) "Reduced Susceptibility to Sugar-Induced Metabolic Derangements and Impairments of Myocardial Redox Signaling in Mice Chronically Fed with D-Tagatose when Compared to Fructose". *Oxid Med Cell Longev.* 2018 Sep 19;2018:5042428. doi: 10.1155/2018/5042428. eCollection 2018.
21. **Baratta F**, De Pellegrini I, Iozzino MB, Cajuste R, Saint Jean PH, Ambreck E, Kempf J, Brusa P (2018) "The A.P.P.A.® Project: formulation, stability and quality study of a pediatric galenic preparation for the treatment of sickle cell disease at saint damien hospital in Haiti". *Migration, Peace and Development. New Challenges and new Players within the International Cooperation for Development in Italy, Proceedings of the V CUCS Congress, Milan 14-15 September 2017, Journal of Universities and international development Cooperation* ISSN 2531-8772. 2018; 1:154-166.
22. **Baratta F**, Cajuste R., Saint Jean .PH., Ambreck E. and Brusa P (2017) "Paediatric galenic preparations at the Saint Damien Hospital in Haiti: formulative study, stability and quality". *West Indian Medical Journal.* 2017. DOI: 10.7727/wimj.2017.136.
23. Chiazza, F; Cento AS, Collotta D, Nigro D, Rosa G, **Baratta F**; Bitonto V; Cutrin, JC; Aragno M; Mastrocola, R; Collino M (2017) "Protective Effects of Pyridoxamine Supplementation in the Early Stages of Diet-Induced Kidney Dysfunction". *Biomed Res Int.* 2017;2017:2682861. doi: 10.1155/2017/2682861. Epub 2017 Oct 29.
24. Brusa P, Parente M, Allais G, Rolando S, Costa G, Gnavi R, Spadea T, Giaccone M, Mandelli A, Mana M, **Baratta F**, Benedetto C, Bussone G (2017) "Community pharmacies as epidemiological sentinels of headache: first experience in Italy". *Neurol Sci.* 2017 May;38(Suppl 1):15-20. doi: 10.1007/s10072-017-2908-7. 7.
25. **Baratta F**, Goffredo F, Annaratone L, Sapino A, Bertetto O, Brusa P (2016). "Extension of the stability of anticancer drugs in pharmaceutical practise" *Panminerva Med.* 2016 Dec;58(4):349-350. Epub 2016 May 17.
26. **Baratta F**, Di Lascio G, Tarditi F, Petieau R, Brusa P (2016). "Galenic formulations to fight the phenomenon of counterfeiting in developing Countries" *Journal of Drug Delivery Science and Technology.* Volume 32, Part B, April 2016, Pages 313-315. <https://doi.org/10.1016/j.jddst.2015.10.006>
27. Brusa P, Allais G, Rolando S, **Baratta F**, Giaccone M, Bussone G, Allais R, Benedetto C (2015) "Migraine attacks in the pharmacy: a gender subanalysis on treatment preferences" *Neurol Sci.* 2015 May;36 Suppl 1:93-5. doi: 10.1007/s10072-015-2156-7.
28. Gontero P, Marra G, Soria F, Oderda M, Zitella A, **Baratta F**, Chiorino G, Gregnanin I, Daniele L, Cattel L, Frea B, Brusa P (2015) "A randomized double-blind placebo controlled phase I-II study on clinical and molecular effects of dietary supplements in men with precancerous prostatic lesions. Chemoprevention or "chemopromotion"?" *Prostate.* 2015 Aug 1;75(11):1177-86. doi: 10.1002/pros.22999. Epub 2015 Apr 20.
29. Tarditi F, **Baratta F**, Brusa P (2014) "Inequalities in health care: Problems related to the diffusion of counterfeit medicines | [Diseguaglianze nell'assistenza sanitaria: Problematiche inerenti alla diffusione dei medicinali contraffatti]" *Giornale Italiano di Medicina Tropicale.* 2014; 19(4), pp. 67-73
30. **Baratta F**, Germano A, Di Lascio G, Petieau R, Brusa P (2014). "Establishment of galenic laboratories in developing countries to produce high quality medicines: results of Aid Progress Pharmacist Agreement (A.P.P.A.®) Project" *Croat Med J.* 2014 Dec; 55(6): 662–668. doi: 10.3325/cmj.2014.55.662.
31. Giaccone M, **Baratta F**, Allais G, Brusa P (2014) "Prevention, education and information: the role of the community pharmacist in the management of headaches" *Neurol Sci.* 2014 May;35 Suppl 1:1-4. doi: 10.1007/s10072-014-1732-6.
32. **Baratta F**, Zonari D, Fazzina G, Ravera S, Badea E, Dosio F, Brusa P (2014) "Comparative study of cytotoxicity, viability and calorimetric in vitro tests for the antineoplastic drugs gemcitabine, oxaliplatin, paclitaxel and topotecan". *Gazzetta Medica Italiana Archivio Per Le Scienze Mediche.* 2014 Gannuary-February; 173(1-2):1-12

33. **Baratta F**, Germano A, Di Lascio G, Brusa P (2013) "A.P.P.A.® Project: an example of international health cooperation". Imagining Cultures of Cooperation, Proceedings of the III CUCS Congress, Turin 19-21 September 2013, Journal of Universities and international development Cooperation (ISBN 978-88-96894-16-3). 2014; 1:123-129.
34. Solidoro P, Braidò F, **Baratta F**, Bagnasco D, Esposito R, Aggeri M, Brusa P (2013) "FEV6 assessment in spirometric abnormalities screening: the first population-based study in Italian pharmacies". *Panminerva Med.* 2013 Mar;55(1):87-92.
35. Gallarate M, Chirio D, Bussano R, Peira E, Battaglia L, **Baratta F**, Trotta M (2013) "Development of O/W nanoemulsions for ophthalmic administration of timolol". *Int J Pharm.* 2013 Jan 20;440(2):126-34. doi: 10.1016/j.ijpharm.2012.10.015. Epub 2012 Oct 15.
36. **Baratta F**, Germano A, Brusa P (2012) "Diffusion of counterfeit drugs in developing countries and stability of galenics stored for months under different conditions of temperature and relative humidity". *Croat Med J.* 2012 Apr;53(2):173-84. doi: 10.3325/cmj.2012.53.173.

Books

1. Brusa P, Baratta F "*Appunti di Tecnologia Farmaceutica*", Graphot Editrice, ristampa, 2020, ISBN 9788899781798
2. Baratta F, Valle D, Brusa P "*Manuale di normativa dei medicinali e dei prodotti per la salute*", Graphot Editrice, II ed., 2020, ISBN 9788899781781
3. Baratta F, De Pellegrini I, Iozzino MB, Brusa P "*Manuale di galenica a uso umano e veterinario*" II edizione 2019. Casa Editrice Ambrosiana, ISBN: 9788808320476
4. Baratta F, Valle D, Brusa P "*Manuale di normativa dei medicinali e dei prodotti per la salute*", Edizioni Libreria Cortina Torino, I ed., 2018, ISBN 9788882392031
5. Parente M, Baratta F, Pignata I, Brusa P "*Il ruolo della farmacia in Italia e in Europa*" *Rapporto EIU* 2018, Roma
6. Brusa P, Baratta F "*Autoanalisi in Farmacia di Comunità. Normativa vigente ed importanza dell'autoanalisi. Procedure standard per l'utilizzo di Allegro*". Patient and cardiovascular risk. Anno X – Suppl. 2 del N.1, 2018. Sinergie Edizioni scientifiche. ISSN 2039-8360
7. Brusa P, Baratta F "*Manuale di Legislazione Farmaceutica*", Edizioni Libreria Cortina Torino, V ed., 2017, ISBN 9788882391973
8. Brusa P, Baratta F "*Manuale di Legislazione Farmaceutica*", Edizioni Libreria Cortina Torino, IV ed., 2016, ISBN 9788882391546
9. Brusa P, Baratta F "*Manuale di Legislazione Farmaceutica*", Edizioni Libreria Cortina Torino, III ed., 2015, ISBN 9788882391935
10. Brusa P, Baratta F "*Manuale di Legislazione Farmaceutica*", Edizioni Libreria Cortina Torino, II ed., 2014, ISBN 9788882391881
11. Brusa P, Baratta F "*Manuale di Legislazione Farmaceutica*", Edizioni Libreria Cortina Torino, I ed., 2013, ISBN 9788882391805
12. Brusa P, Baratta F "*Appunti di Tecnologia Farmaceutica*", Edizioni Libreria Cortina Torino, ristampa aggiornata, 2013, ISBN 9788882391737
13. Brusa P, Baratta F "*Appunti di Legislazione Farmaceutica*", Edizioni Libreria Cortina Torino, I ed., 2012, ISBN 9788882391744
14. Brusa P, Baratta F "*Appunti di Tecnologia Farmaceutica*", Edizioni Libreria Cortina Torino, I ed., 2012, ISBN 9788882391737
15. Cavallero M, Baratta F, Brusa P "*Parte II: Autoanalisi in Farmacia*" pag. 49-94 all'interno del volume "*I Servizi in Farmacia. Una reale Opportunità*" di Tarabusi M, Trombetta G, Cavallero M, Baratta F, Brusa P. Volume fuori commercio distribuito dall'azienda di settore Pfizer, novembre 2011.

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