



SABINA PULONE

16-10-1992

Via San Matteo 32, 00015 Monterotondo (RM) ITALY

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Perseverance towards achieving an in- depth knowledge in the field of organic chemistry. Passionate about Pharmaceutical Botany, Immune System of Plants, Drug Discovery, Pharmacology and Toxicology.

WORK EXPERIENCE

• PROJECT MANAGER BIOCHEMISTRY LAB_IRCCS San Raffaele (Rome_IT) (Full-time)

January 2024-Present

-Responsible of setting and organizing the laboratory of Nanoparticles Research for the Human Longevity program of the prof. Ennio Tasciotti

• EDITING MANAGER & SOCIAL MEDIA MANAGER_ Extraction Magazine

January 2023-Present

-Editing and organization of the journal EM specialized in botanical extraction methods, processing and analytical procedures.

• SCIENTIFIC CONSULTANT

June 2021-Present

-Technical support and consulting services for Italian Hemp Society

-Responsible of trainings about officinal plants and GACP/GMP trainings for Naturalis Soc. Coop. Agricola S.r.l (OR)

-Responsible for preparing documentation to get GACP/GMP/GDP/ISO certifications.

-Obtaining GACP certification for Naturalis Soc. Coop. Agricola S.r.l (OR)

• CHEMICAL SCIENTIST _ PROJECT MANAGER_MARIPHARM B.V. (Rotterdam, NL) (Full-time)

November 2020-December 2021

-Project manager: responsible of developing new *Cannabis* derived formulations

-R&D extraction department: responsible of developing new extraction methods for cannabinoids, flavonoids and terpenes from *Cannabis*

-HPLC analysis of cannabinoids content in products and raw material according to GMP/GLP standards. Determination and quantification of flavonoids (HPLC) and terpenes (GC-MS) present in Medical grade *Cannabis*. Management of analytical laboratory: instruments, orders, data.

• ASSOCIATE TECHNICIAN_ THE JANSSEN PHARMACEUTICAL COMPANIES OF JOHNSON&JOHNSON (Leiden, NL)

May 2020-October 2020

- Quality control, separation department: performing analyses on final products and stability studies for commercial and in development products according to GMP/GLP standards.

-Lab work: cIEF, HPLC, IR

-troubleshooting:cIEF, HPLC systems

• INTERNSHIP IN BIOSYN GROUP (MASTER LEVEL) (Leiden, NL)

November 2017-October 2019

"Total synthesis of 4-Thioadenosine, possible antidote for ricin poisoning"; "Synthesis, reactivity and stereoselectivity of 5-Thiopyranosides "

• INTERNSHIP RESEARCH GROUP OF PROF. BIANCO (BACHELOR LEVEL) (Rome, IT)

November 2014-September 2015

Extraction, isolation and characterization of active compounds from rare plants-Hypericum androsaemum L."

• STUDENT ASSISTANT IN PRACTICAL ORGANIC CHEMISTRY (Leiden, NL)

February 2020-March 2020 ; February 2019-March 2019; September 2018-October 2018

Explaining to Bachelor's students of Leiden Institute of chemistry (LIC) procedures of synthetic organic chemistry

LANGUAGES

ENGLISH - Advanced

FRENCH - Advanced

ITALIAN - Mother language

TECHNICAL SKILLS

Knowledge and experience in the use of lab equipment (e.g. Rotavapor, GC-MS, HPLC-MS, NMR, UV-Vis, IR, cIEF protein analyzers, extraction equipments) and procedures (e.g. Column Chromatography, TLC, Extractions, Synthesis). Ability to work according to GMP, GLP regulations

EDUCATION

MASTER IN CHIMICA

Leiden University, Institute of Chemistry (LIC)
February 2016- October 2019



Research track for Chemical Biology

BACHELOR'S DEGREE IN CHEMISTRY



SAPIENZA
UNIVERSITÀ DI ROMA

Università degli Studi di Roma "La Sapienza"
October 2011 - September 2015

ERASMUS EXCHANGE PROGRAM

École Normale Supérieure de Lyon, ENS
September 2013- March 2014



PUBLICATIONS

March 2018

Chemical profiling of the fruits of *Styrax officinalis* L. from Monti Lucretili (Latium region, Central Italy): Chemotaxonomy and nutraceutical potential.

Trends in Phytochemical Research (TPR)

LINK: http://tpr.iau-shahrood.ac.ir/article_539198.html

April 2021-Present

Staff Writer_Scientific articles for MACE Media Group (San Luis Obispo, USA)

Extraction Magazine (EM)

Terpenes & Testing Magazine

CBD Health & Wellness Magazine

Delta 8 Magazine

Lifestyle Medicine News

HighBurg

-Supercritical CO2 Extraction: Effective Method for Terpene Isolation (Extraction Magazine)

<https://extractionmagazine.com/2021/04/27/supercritical-co2-extraction-effective-method-for-terpene-isolation/>

-Molecularly Imprinted Polymers Advance Cannabinoid Isolation (Extraction Magazine)

<https://extractionmagazine.com/2021/05/04/molecularly-imprinted-polymers-advance-cannabinoid-isolation/>

-Gas Chromatography and Tandem Mass Spectrometry for Terpene Analysis (Terpenes & Testing Magazine)

<https://terpenesandtesting.com/gas-chromatography-and-tandem-mass-spectrometry-for-terpene-analysis/>

-Δ8 for treatment of anxiety (Delta8magazine)

<https://delta8magazine.net/2021/07/11/%ce%b48-thc-for-the-treatment-of-anxiety/>

-What is the difference between Hemp and CBD?

(CBDHealth&wellness Magazine)

<https://cbdhealthandwellness.net/2021/07/19/what-is-the-difference-between-hemp-and-cbd/>

-National Football League funds Cannabis research for pain management (CBDHealth&wellness Magazine)

<https://cbdhealthandwellness.net/2021/07/28/national-football-league-funds-cannabis-research-for-pain-management/>

-Fighting antibiotic resistant disease with terpenes

(Terpenes & Testing Magazine)

<https://terpenesandtesting.com/fighting-antibiotic-resistant-disease-with-terpenes/>

April 2021-Pre

-Anticancer properties of terpenes

(Terpenes & Testing Magazine)

<https://terpenesandtesting.com/anticancer-properties-of-terpenes/>

-Recent advances in scaling up non-conventional extraction techniques (Extraction Magazine)

<https://extractionmagazine.com/2021/07/16/scaling-up-non-conventional-extraction-techniques/>

-Metabolic profiling of secondary metabolites for Evaluation of Optimal Postharvest Storage Conditions

(Terpenes & Testing Magazine)

<https://terpenesandtesting.com/optimal-storage-conditions-for-cannabis-flowers-and-extracts/>

-Detection methods for cannabinoid isomers

(Terpenes & Testing Magazine)

<https://terpenesandtesting.com/detection-methods-for-cannabinoid-isomers/>

-Cannabis and its cannabinoids analysis by GC-MS with Cold EI (Terpenes & Testing Magazine)

<https://terpenesandtesting.com/cannabis-and-cannabinoid-analysis-by-gc-ms-with-cold-ei/>

-Cannabis Oil Reduces Venom Effects from Brazilian Lancehead Pit Vipers (Terpenes & Testing Magazine)

<https://terpenesandtesting.com/cannabis-oil-reduces-venom-effects-from-brazilian-lancehead-pit-vipers/>

-Machine Learning to Investigate Cannabis Use and Depression (Terpenes & Testing Magazine)

<https://terpenesandtesting.com/machine-learning-to-investigate-cannabis-use-and-depression/>

-Defining Phenotypic Traits to Improve Advanced Cannabis Breeding (Terpenes & Testing Magazine)

<https://terpenesandtesting.com/defining-phenotypic-traits-to-improve-advanced-cannabis-breeding/>

-How long D8 stays in your system? (Delta8magazine)

<https://delta8magazine.net/2021/08/30/how-long-%ce%b48-thc-stays-in-your-system/>

-Is D8 being banned in California? (Delta8magazine)

<https://delta8magazine.net/2021/10/10/is-%ce%b48-thc-being-banned-in-california/>

-Recommended CBD products for anxiety

(CBDHealth&wellness Magazine)

<https://cbdhealthandwellness.net/2021/09/27/recommended-cbd-products-for-anxiety/>

-What is THC-O and what are it's effects?

(CBDHealth&wellness Magazine)

<https://cbdhealthandwellness.net/2021/09/27/what-is-thc-o-and-what-are-its-effects/>

-Which is stronger D8 or THC? (Delta8magazine)

<https://delta8magazine.net/2021/10/22/which-is-stronger-%ce%b48-or-thc/>

-CBD effects on immunity

(CBDHealth&wellness Magazine)

<https://cbdhealthandwellness.net/2021/11/12/cbd-effects-on-immunity/>

-Will CBD Get Lost in all the New Conversions?

(CBDHealth&wellness Magazine)

<https://cbdhealthandwellness.net/2021/10/31/will-cbd-get-lost-in-all-the-new-conversions/>

-Cannabis Policy in the Netherlands

<https://terpenesandtesting.com/cannabis-policy-in-the-netherlands/>

-Pre-Extraction Processing Methods for Medicinal Cannabis (Extraction Magazine)

<https://extractionmagazine.com/2021/11/07/pre-extraction-processing-methods-for-medicinal-cannabis/>

-Grapevine Pruning Waste as an Innovative Source of Phenolic Compounds (Extraction Magazine)

<https://extractionmagazine.com/2021/12/26/grapevine-pruning-waste-as-an-innovative-source-of-phenolic-compounds/>

-Effects of Ethanol on scCO2 cannabinoids extraction

(Extraction Magazine)

<https://extractionmagazine.com/2022/01/18/effects-of-ethanol-on-scco2-cannabinoids-extraction/>

-Terpenes as Drug Potentiators

(Terpenes&Testing Magazine)

<https://terpenesandtesting.com/terpenes-as-drug-potentiators/>

-Clinical Trials Assessing Cannabis for Patients with Cancer

(Terpenes&Testing Magazine)

<https://terpenesandtesting.com/clinical-trials-assessing-cannabis-for-patients-with-cancer/>

-Uncertainty for stores selling THC-8 products due to regulation disagreements (Delta8magazine)

<https://delta8magazine.net/2022/01/30/uncertainty-for-stores-selling-thc-8-products-due-to-regulation-disagreements/>

-The future of legal cannabis alternatives

(Delta8magazine)

<https://delta8magazine.net/2022/02/03/the-future-of-legal-cannabis-alternatives/>

-If Cannabis Gets You High and CBD Doesn't, Where is D8 in that picture? (Delta8magazine)

<https://delta8magazine.net/2021/11/27/if-cannabis-gets-you-high-and-cbd-doesnt-where-is-d8-in-that-picture/>

-The Immunostimulatory Effect of Hemp Extract on Honeybees (Terpenes&Testing Magazine)

<https://terpenesandtesting.com/the-immunostimulatory-effect-of-hemp-extract-on-honeybees/>

-A Review of Extraction Methods for Medicinal Cannabis (Extraction Magazine)

<https://extractionmagazine.com/2021/11/12/a-review-of-extraction-methods-for-medicinal-cannabis/>

-Conversion of CBD into Other Cannabinoids

(Extraction Magazine)

<https://extractionmagazine.com/2021/11/19/conversion-of-cbd-into-other-cannabinoids/>

-Cannabis with less than 0.3% Δ9-THC or less than 0.3% Total THC... what is the difference? (Delta8magazine)

<https://delta8magazine.net/2021/11/13/cannabis-with-less-than-0-3-%ce%b49-thc-or-less-than-0-3-total-thc-what-is-the-difference/>

-Light Spectral Quality and the Effects on Cannabis Phenotypic Growth (Terpenes&Testing Magazine)

<https://terpenesandtesting.com/light-spectral-quality-and-the-effects-on-cannabis-phenotypic-growth/>

-Are MSO's eliminating local, high end craft products and bleeding out social equity opportunities? (EM)

<https://extractionmagazine.com/2022/02/20/are-msos-eliminating-local-high-end-craft-products-and-bleeding-out-social-equity-opportunities/>

-Fundamentals of Preparative chromatography (EM)

<https://extractionmagazine.com/2022/03/08/fundamentals-of-preparative-chromatography/>

-Green Extractions: What are the Environmentally-Sustainable Extraction Methods? (EM)

<https://extractionmagazine.com/2022/04/06/green-extractions-what-are-the-environmentally-sustainable-extraction-methods/>

-Thinking beyond extraction efficiency: Which LPG blend is best for the big picture? (EM)

<https://extractionmagazine.com/2022/05/03/thinking-beyond-extraction-efficiency-which-lpg-blend-is-best-for-the-big-picture/>

-Details in extraction systems that can make the process easier (EM)

<https://extractionmagazine.com/2022/05/27/details-in-extraction-systems-that-can-make-the-process-easier/>

-Green Approaches To Extract Compounds From Natural Resources (EM)

<https://extractionmagazine.com/2022/06/08/green-approaches-to-extract-compounds-from-natural-resources/>

-Extractions for cosmetics (EM)

<https://extractionmagazine.com/2022/07/02/extractions-for-cosmetics/>

-Recovering Polyphenolic Compounds During Extraction

<https://extractionmagazine.com/2022/08/22/recovering-polyphenolic-compounds-during-extraction/>

-The Benefits of CO2 Extracts (EM)

<https://extractionmagazine.com/2022/09/08/the-benefits-of-co2-extracts/>

PUBLICATIONS

-The Rule of 10 and Other Tricks for Scaling Up Your Process (EM)

<https://extractionmagazine.com/2022/09/13/the-rule-of-10-and-other-tricks-for-scaling-up-your-process/>

-Potency VS THC content (EM)

<https://extractionmagazine.com/2022/09/23/potency-vs-thc-content/>

-How to make butane hash oil (EM)

<https://extractionmagazine.com/2023/02/01/how-to-make-butane-hash-oil/>

-The Two-Way Relationship Between Cannabis and its Soil

<https://extractionmagazine.com/2023/02/08/the-two-way-relationship-between-cannabis-and-its-soil/>

-Synthetic Psilocybin May Treat Depression in a Single Dose (EM)

<https://extractionmagazine.com/2023/02/13/synthetic-psilocybin-may-treat-depression-in-a-single-dose/>

-Cannabis Flavonoids and their therapeutic benefits (EM)

<https://extractionmagazine.com/2023/05/05/cannabis-flavonoids-and-their-therapeutic-benefits/>

-The Budtender's Guide: A Reference Manual for Dispensary Professionals and Cannabis Consumers (EM)

<https://extractionmagazine.com/2023/05/18/the-budtenders-guide-a-reference-manual-for-dispensary-professionals-and-cannabis-consumers/>

-Analytical techniques for plant extracts (EM)

<https://extractionmagazine.com/2023/05/29/analytical-techniques-for-plant-extracts/>

-Supercritical CO2 Extraction (EM)

<https://extractionmagazine.com/2023/06/30/supercritical-co2-extraction/>

-Extraction and Isolation of Morphine from Papaver somniferum L. (EM)

<https://extractionmagazine.com/2023/07/16/extraction-and-isolation-of-morphine-from-papaver-somniferum-l/>

-Khat, a Natural Source of Amphetamine-like Substances

<https://extractionmagazine.com/2023/07/18/khat-a-natural-source-of-amphetamine-like-substances/>

-Selection of the Best Scientific Publications on Cannabis July 2023 (EM)

<https://extractionmagazine.com/2023/07/28/selection-of-the-best-scientific-publications-on-cannabis-july-2023/>

-Ergot Alkaloids in Morning Glory Seeds (EM)

<https://extractionmagazine.com/2023/07/29/ergot-alkaloids-in-morning-glory-seeds/>

-Selection of Best Scientific Publication on Cannabis August 2023 (EM)

<https://extractionmagazine.com/2023/09/21/selection-of-best-scientific-publication-on-cannabis-august-2023/>

-Selection of Best Scientific Publication on Cannabis September 2023 (EM)

<https://extractionmagazine.com/2023/09/29/selection-of-best-scientific-publication-on-cannabis-september-2023/>

-Books on Psychedelics (EM)

<https://extractionmagazine.com/2023/10/03/books-on-psychedelics/>

-CBD Wax (EM)

<https://extractionmagazine.com/2023/10/13/cbd-wax/>

Active Compounds From Plants (EM)

<https://extractionmagazine.com/2023/10/18/active-compounds-from-plants/>

-Selection of Best Scientific Publication on Cannabis – October 2023 (EM)

<https://extractionmagazine.com/2023/10/21/selection-of-best-scientific-publication-on-cannabis-october-2023/>

Gravity filtration (EM)

<https://extractionmagazine.com/2023/10/30/gravity-filtration/>

-Asparagus Officinalis Extraction and Phytochemical Composition (EM)

<https://extractionmagazine.com/2023/11/03/asparagus-officinalis-l-extraction-and-phytochemical-composition/>

-The Blue Lotus Extract: 2023 Overview (EM)

<https://extractionmagazine.com/2023/11/27/the-blue-lotus-extract-2023-overview/>

-Selection of Best Scientific Publication on Cannabis – November 2023 (EM)

<https://extractionmagazine.com/2023/12/16/selection-of-best-scientific-publication-on-cannabis-november-2023/>

-Selection of Best Scientific Publication on Cannabis – January 2024 (EM)

<https://extractionmagazine.com/2024/01/28/selection-of-best-scientific-publication-on-cannabis-january-2024/>

INTERVIEWS

-PATS Indoor drone solutions

(Terpenes&Testing Magazine)

<https://terpenesandtesting.com/pats-indoor-drone-solutions/>

-Sustainably Biofarming Cannabinoids: A Conversation with Ilan Sobel of BioHarvest Science

(Extraction Magazine)

<https://extractionmagazine.com/2021/10/27/sustainably-biofarming-cannabinoids-a-conversation-with-ilan-sobel-of-bioharvest-science/>

COMPUTER SKILLS

ChemDraw professional

Mestrenova

Windows and Mac-OS (Outlook, Excel, Power point, Word)

FURTHER WORK EXPERIENCES

• HOSTESS IN ISE2020 – INTEGRATED SYSTEM EUROPE (AMSTERDAM RAI)

Presenting and selling the Digital Signage Software of Voome Networks srl (Brugherio, Italy)

• HOSTESS IN ISE2018 – INTEGRATED SYSTEM EUROPE (AMSTERDAM RAI)

Promoting and explaining the functioning of the Digital Signage Software of Nodeark (Göteborg, Sweden)