

CURRICULUM VITAE

PERSONAL DETAILS

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| Name: | Matteo Maria Giuseppe Cagnasso |
| Citizenship: | Italian |
| Address: home | Corso Galileo Ferraris 160 Corso Galileo Ferraris 168 10134 - Torino, Italy |
| office | Via Torricelli 12 10129 – Torino, Italy Via Calissano 6 12051 – Alba, Italy |
| Phone: home | +39 011 3199981 |
| office | +39 011 7935358 +39 0173 440083 +39 011 5806068 |
| Mobile phone: | +39 340 7995133 |
| Fax: | +39 011 501421 |
| E-mail address: | matteo_cagnasso@yahoo.it matteo.cagnasso@gmail.com mail@yalba.it www.yalba.it |
| Web site: | |
| Place of birth: | Torino, Italy |
| Date of birth: | 30 th October 1980 |

EDUCATION

July 2000

Classical High School V. Alfieri
Classical Diploma

October 2003

University of Turin, Italy
Bachelor degree in Biotechnology
(agricultural *curriculum*)

December 2005

University of Turin, Italy
Master degree in
Agricultural and Plant Biotechnology

February 2010

University of Turin, Italy
Ph.D. in Agriculture, Forestry
and Food Sciences

SCIENTIFIC EDUCATION

I graduated from the University of Turin (Italy) in Biotechnology (Bachelor degree) in October 2003 (107/110), and in Agricultural and Plant Biotechnology (Master degree) in December 2005 (110/110 *cum laude*).

I developed my research-based thesis on metagenomics at the IPP (“Institute for Plant Protection”, Turin, Italy), at CNR (the Italian “National Research Center”). The work consisted in the creation of a protocol for the extraction of total DNA from soil samples, collected in a productive natural truffle ground, and the expression of a specie-specific SCAR molecular marker from the extracted and purified DNA samples from soil. The research represents an application of metagenomics to soil fungi, and an example of molecular biology techniques employment to the field of the genetic of fungal populations. The work was carried out under the supervision of Prof. Paola Bonfante (University of Turin, Italy). A scientific paper was published on “FEMS Microbiology Ecology” (Zampieri *et al.*, 2010, FEMS Microbiol. Ecol. 71, 43-49), in which I’m included as author.

I started my Ph.D. in Agriculture, Forestry and Food Sciences at the University of Turin (Italy) in January 2007 at the Di.Va.P.R.A. (“Dipartimento di Valorizzazione e Protezione delle Risorse Agroforestali”). I was invited in USA to work on a research project in biogeochemistry, focused on studying the interaction mechanism of bacteria forming biofilms on iron oxides (goethite and hematite) surfaces, through ATR-FTIR analysis of organic molecules interaction, from both the biofilm external matrix and the cell surfaces. I concluded a 14 months (November 2007-January 2009) research period as visiting research scholar at the SWES Department, University of Arizona (Tucson, Arizona, USA), under the supervision of Prof. Jon Chorover. I was invited to determine the interaction mechanism of phospholipids, as main components of cell membranes, with both goethite and hematite, after previous results proved the role of phosphate

groups in mediating the interaction with iron oxides surfaces, for both the biofilm external matrix and the bacterial cells surfaces. Homogeneous vesicles suspensions were formed in pure water for phosphatidylcholine, phosphatidic acid and phosphatidylethanolamine. Specific sonication protocols were set up to obtain similar vesicles suspensions for the three employed phospholipids directly in pure water, avoiding the use of organic solvents. The vesicles interaction with iron oxides surfaces was analyzed through ATR-FTIR. The results supported two previous publications (Omoike, *et al.*, 2004; Parikh, Chorover, 2006) on “Langmuir”, produced by Prof. Chorover’s group. The work offered the first interaction spectra for phospholipids ever collected on iron oxides surfaces, together with the IR spectra of the three phospholipids in water. The work was published on “Colloids and Surfaces: Biointerfaces”, belonging to the Elsevier group (Cagnasso *et al.*, 2010, Colloids and Surfaces: Biointerfaces, 76 (2) 456-467).

My research activity was mainly focused on metagenomics and biogeochemistry, fields of research at the base of Environmental Sciences.

LEGAL EDUCATION

I started a second degree in Law at the University of Milan in 2011, in order to be specialized in life sciences applied law. After passing the most important exams in private law subjects at the University of Milan and University of Parma, I am continuing at the University of Eastern Piedmont (DiSEI, Novara). My goal is to obtain competences in two areas of specialization, to be applied in the fields of law related to biological sciences (industrial law, environmental law, agrifood law, medical and healthcare law, pharmaceuticals products law), even if commercial law and bankruptcy law are also included.

I concluded an activity of consultancy in patent litigation related to biotechnology European patents at Saglietti & Partners Law Firm (Studio Saglietti e Associati, Turin, Italy, <http://www.studiosaglietti.it/html/en/home.html>), and started a practical experience in law at Cagnasso & Partners Law Firm (Studio Legale Prof. Oreste Cagnasso e Associati, Turin, Italy, <http://cagnasso-associati.it/eng/index.html>), offering consultancy in particular in industrial law, commercial law, bankruptcy law, environmental law and agrifood law. My principal activities include research in jurisprudence and counseling activity, participation in arbitration, maintaining foreign relations and counseling in technology transfer operations abroad. I also organize and maintain Cagnasso & Partners Law Firm’s relationships abroad (visiting law firms and universities from other countries), and promote the New Company Law journal in other countries.

In 2015 I founded the Network YALBA, in order to offer consultancy in law with a multidisciplinary approach, in particular in fields of law related to science and to economy.

EXPERIENCES

I attended the workshop “Programa Biodiesel FTC e Planejamento do Mestrado Profissional”, organized by the FTC University (Salvador de Bahia, Brazil) on January 2007, for the creation of the first master in bioenergy in Brazil, planned by the FTC under the supervision of Prof. Iracema Andrade Nascimento (UFBA, Salvador de Bahia, Brazil). The experience allowed me to establish contacts with the research on biodiesel production and environmental impact in Bahia.

During my Ph.D. I concluded a 14 months research period (from November 2007 to January 2009) at the University of Arizona, SWES Department (Tucson, Arizona, USA), as visiting research scholar.

In November 2009 I was part of an Italian delegation of university professors at the “Congress on the responsibility of the manufacturer”, together with Prof. Oreste Cagnasso from Turin University. The Congress was organized in Tripoli, Libya, by the Libyan Government and the Italy – Libyan Chamber of Commerce. For my contribution I was cited in the article: “The manufacturer’s liability for damages for defective products: the discipline of the European Community” by Prof. Oreste Cagnasso, published in “Il Nuovo Diritto delle Società” (The New Company Law) online journal, n. 5 year 2010.

I was involved in promoting the Italian online journal “Il Nuovo Diritto delle Società” (The New Company Law), Giappichelli, in foreign countries. In particular in New York (Fordham) in 2010, in Rosario (Argentina) in 2012 and 2015, in Uganda (Makerere University) in 2011 and in China (East China University) in 2013, after which we started a cooperation with the Chinese online journal Oriental law.

I published an article on Chinese Patent Law in 2011 and an article on Chinese Trademark Law in 2013, on the Italian journal “Il Nuovo Diritto delle Società” (The New Company Law).

I concluded an activity of consultancy in patent litigation related to biotechnology European patents at Saglietti & Partners Law Firm, on behalf of DiaSorin S.p.A., specialized in diagnostic.

I attended the Summer Institute 2012 at Fordham University, New York

I attended the 13th Preparation Course for Patent Consultants, 2011/12, organized by Convey Intelligence & Knowledge, Turin, Italy.

I attended the Recent Developments in US Law 2013 at Fordham University, New York. I offered an intervention on the following topic: “ Role of Notary and the Notary “Massime” system in Italy”.

I attended the 8th Preparation Course for Trademark Consultants, 2012/13, organized by

Convey Intelligence & Knowledge, Turin, Italy.

In 2013 I was invited to offer a lecture at the congress: “Biotechnology and duty of the lawyer to update: from the idea to outlet on the market”, organized by the Council of Savona Lawyers Bar Association and the CIRGIS Foundation (Milan).

In 2014 I was invited to offer a lecture on patents of biotechnology inventions at University of Genoa, inside the program in industrial law organized by Prof. Andrea Ottolia.

I cooperated with the Italian Notary Bar, in particular Italian notary Trimarchi from Milan and Iaccarino from Naples, to create the “Master universitario di II livello in Mercato delle Regole italiane e Paesi di Lingua anglosassone” (Second level Master degree on the Market of Italian and Anglo-Saxon countries rules), promoted by the Italian Notary Bar and offered by Fordham University in cooperation with Pegaso University. I was invited in September 2014, as professor of the master, to offer a lecture at Fordham University on the following topic: “The environmental damage in transactions of real estate and the role of Italian notary”. I was included among the organizers, as responsible for international promotion.

In 2015 I founded the network YALBA (Young Association of Lawyers, Biotechnologists and Accountants), together with VMD Law Firm from Turin, and Ph.D. in Medical Biotechnology Andrea Sprio from Turin University.

In March 2015 I was invited to offer a lecture at the Conference: “Panorama del derecho italiano y la integración con el derecho europeo”, at Pontificia Universidad Católica of Rosario, Argentina, on the following topic: “El daño ambiental y los negocios de bienes raíces”. I also had a meeting with the directors of the Rosario Commodity Exchange Market.

In May 2015 I participated, as a consultant of YALBA, to a negotiation for the transfer of Italian technology to China, concerning a know-how in pharmacology, together with Prof. Lihong Zhang from East China University (W&H Law Firm, Shanghai). I had the opportunity to visit the East China University and have a meeting with the Dean. I also had a meeting with representative of SHAC (Shanghai Arbitration Commission of China).

In April 2016 I was invited to give a lecture entitled: "GMO crops and the legal regulation " at the East China University in Shanghai. The lesson has been held in April 2016 at the Link University of Rome, and in June 2016 at Master for company lawyers organised by the University of Genoa.

I was involved in promoting the Italian online journal “La Giurisprudenza Arbitrale” (The Arbitral Jurisprudence), focused on collecting arbitral awards and regulations of chambers of arbitration, directed by Prof. Paolo Montalenti and Prof. Oreste Cagnasso, from the University of Torino. In 2015 I presented the journal in Rosario, Argentina (Commodity Exchange Market), in Shanghai (SHAC - Shanghai Arbitration

Commission) and in New York (Fordham University).

In June 2016 I was invited to teach at the "agri-food law course", organized by the Bolognese Forensic Foundation of Bologna - Italy (Council of the Lawyer Bar of Bologna). I organized an educational module dedicated to food security.

In July 2016 I attended the course "Transactional Skills for Global Legal Practice", organized by Fordham University in New York, dedicated to techniques for business negotiation, transactions and the creation of international Contracts under American law.

In August 2016 I started a partnership with the consulting organization Advisingasia, founded by Dr. Carlo Gardella, based in Bangkok and operating in ASEAN and India. AdvisinAsia offers advice to businessmen who wish to operate and grow in South East Asia, or to relocate production or to have domicile in ASEAN.

I developed contacts with Interconsulting group and the Pragma Group through Dott. Gilberto Gelosa firm in Milan, which enabled me to establish contact with Singapore.

In January 2017 I was invited to teach the the final lesson of the course dedicated to industrial and commercial law at the graduate program in Biotechnology (bachelor degree) at the University of Genoa.

In March 2017 I developed contacts with Freie University in Berlin.

In May 2017 I held a lecture in patent law as a lecturer at the Link University of Rome, as part of the MBA innovations Master. I have been invited to collaborate with Link University in networking activities dedicated to the promotion of courses to foreign universities.

In July 2017, thanks to Advisingasia, I developed contacts with Shinawatra University in Bangkok.

In September 2017 I took part in the "Amerigo for law" course in New York, dedicated to US law, organized by the Amerigo association (Rome) at Fordham University.

In October 2017, thanks to Makerere University (Uganda), I developed contacts with the University of Warwick, the University of Birmingham, and the University of Oxford. I also helped to organize the conference: "The Far East's opportunities between differences and similarities with the Italian system", organized by Link University from Rome in collaboration with Advisingasia from Bangkok.

In 2017, through Fordham University networking activity, I developed contacts with universities from Barcelona and Dubai. I have been invited to collaborate with Fordham in networking activities dedicated to the promotion of courses to foreign universities. I contributed to the organization of the Fordham Alumni Chapter 2018 in Berlin with my contacts at Freie University.

In 2018 I started a collaboration with the Novareckon company and Prof. Piercarlo Rossi of the University of Turin, aimed at the development of European research projects.

In February 2018 I gave a lecture in English dedicated to patent law, as a lecturer at the Link University of Rome, as part of the "MBA in Applied Economic Science" master program.

In March 2018 I was invited to offer a lecture entitled "IP and PATENTS" at Shinawatra University in Bangkok, together with Prof. Oreste Cagnasso from the University of Turin, and Link University in Rome, and Prof. Andrea Ottolia from the University of Genoa. I promoted and helped organizing a partnership between Shinawatra and Link University.

In my career I had relationships with the following universities: in my scientific activity, the University of Arizona, the University of Torino, the FTC in Salvador de Bahia (Brasil); in my activity in law, Fordham University (New York), East China University (Shanghai), Pontificia Universidad Católica (Rosario, Argentina), Makerere University (Uganda), Polytechnique of Turin, Link University (Rome), University of Genoa, Freie University (Berlin).

I have a great travel experience, and I visited the following countries: China, Japan, Thailand, Brasil, USA, Argentina, Uganda, Libya, Spain, Greece, England, France, Austria, Germany.

I am a member of the Fordham University NYC Alumni, and a member of CIRGIS Foundation (Centro Internazionale Ricerche Giuridiche Iniziative Scientifiche), Milan.

I am a member of the Association ANBI (Italian National Biotechnologists Association).

PUBLICATIONS

Zampieri *et al.*, 2010, FEMS Microbiol. Ecol. 71, 43-49.

Cagnasso *et al.*, 2010, Colloids and Surfaces: Biointerfaces, 76 (2) 456-467.

Cagnasso, "La Legge sui Brevetti della Repubblica Popolare Cinese", 19 ottobre 2011, Il Nuovo Diritto delle Società (Italia Oggi), anno 9, n. 19.

Cagnasso, "La Legge sui Marchi della Repubblica Popolare Cinese", 3 aprile 2013, Il Nuovo Diritto delle Società (Italia Oggi), anno 11, n.7.

LANGUAGES

Fluent in English

Good knowledge in Spanish and Portuguese.