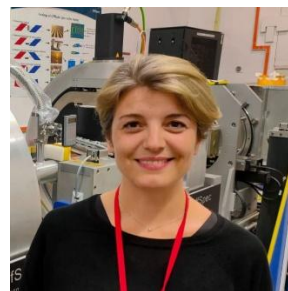


CURRICULUM VITAE

Valeria Maria Rondelli



Nome: Rondelli, Valeria Maria
Data di nascita 6th June 1983
Nazionalità Italian
Indirizzo Laboratori Interdisciplinari di Tecnologie Avanzate (L.I.T.A.), Department of Medical Biotechnology and Translational Medicine, Università degli Studi di Milano, V.le F.lli Cervi 93, 20054 Segrate, Italy
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Valeria Rondelli è una biofisica sperimentale con un background multidisciplinare. Il suo interesse è rivolto allo studio dell'autoaggregazione e della strutturazione di biomolecole e nanocarrier in soluzione. Ha contribuito in modo significativo allo sviluppo e alla descrizione strutturale di modelli innovativi e complessi di biomembrane e tessuti, adatti a essere studiati con tecniche avanzate come la diffusione e riflettometria di neutroni e raggi X. Ha sfruttato i modelli complessi per eseguire indagini strutturali dettagliate su diverse interazioni membrana-biomolecola. Recentemente, la sua ricerca si è concentrata sull'indagine biofisica di vescicole extracellulari naturali di diversa origine e sullo studio dei loro meccanismi di internalizzazione cellulare. È nota come utente esperto e collaboratrice per lo sviluppo di ambienti sperimentali nelle European Large Scale Facilities per la ricerca con raggi X e sui neutroni. Insegna Fisica Applicata in diversi corsi dell'Università di Milano presso la Facoltà di Medicina. Inoltre, tiene lezioni in corsi di dottorato dell'Università di Milano e ha insegnato in diverse scuole di specializzazione per laureati, dottori di ricerca e post-doc, sull'applicazione delle tecniche biofisiche all'indagine di sistemi biologicamente rilevanti. Ha ottenuto l'Abilitazione Scientifica Nazionale, seconda fascia, per la cattedra di Fisica Applicata (02/D1), valida fino al 10 maggio 2028. Dal 2011 è autrice di 40 lavori originali (16 come primo/ultimo/corrispondente autore), con oltre 600 citazioni totali e un H-index pari a 15.

POSIZIONE ATTUALE

2020- present **Researcher –RTDb** in Applied Physics (02/D1, FIS07)
Dept. of Medical Biotechnology and Translational Medicine, Università degli Studi di Milano, Italy

EDUCAZIONE

2012 **Ph.D in Biochemistry**
Dept. of Chemistry, Biochemistry and Biotechnologies for Medicine, Università degli Studi di Milano, Italy

Thesis title: '*Structural properties and interactions at the surface of biomimetic aggregates*'

- 2008 **MSc (Physics, 110/110 Laude)**, Università degli Studi di Milano, Italy
Thesis title: '*Structural and thermotropic characterization of biological membranes in the region of phase transition and anomalous swelling*'
- 2005 **BSc (Physics)**, Università degli Studi di Milano, Italy
Thesis title: '*Calorimetric technique MASC: potentialities and application to the study of the phase transition of membrane lipids*'

SCUOLE INTERNAZIONALI AVANZATE

- 2014 International **school** of Biophysics '*Nanomechanics in biomolecular adhesion*', Venezia, Italy.
- 2008 Didactic **school** of the Italian society of neutron spectroscopy '*Neutron spectroscopy applied to soft matter*', Sirolo and Grenoble, Italy and France
- 2008 International **school** of biophysics 'Antonio Borsellino', 38th course '*Multidimensional optical fluorescence microscopy towards nanoscopy*', Erice, Italy

POSIZIONI PRECEDENTI

- 2017 - 2019 **Researcher- RTDa** in Applied Physics (02/D1, FIS07)
Dept. of Medical Biotechnologies and Translational Medicine, Università degli Studi di Milano, Italy
- 2012 - 2016 **Post-Doc** in Physics, Dept. of Medical Biotechnologies and Translational Medicine, Università degli Studi di Milano, Italy
- 2009 - 2011 **Long Term Visitor**, Institute Laue-Langevin (ILL), Grenoble, France
- 2008 **Fellow**, Institute of Pharmacological Research 'Mario Negri', Milano, Italy

BORSE DI STUDIO E RICONOSCIMENTI

- 2022 - **Scientific Highlight** of MLZ of Garching (DE) for the work reported in: V. Rondelli et al., Scientific Reports 2021
- 2021 - **Scientific Highlight** of CERIC consortium for the work reported in: F. Perissinotto & V. Rondelli et al., Nanoscale 2021
- 2020 - **Scientific Highlight** of CERIC consortium for the work reported in: F. Perissinotto et al., Nanoscale 2020
- 2016 - **Scientific Highlight** of the ILL of Grenoble (FR) for the work reported in: V. Rondelli et al., Scientific Reports 2016
- 2012 - **Scientific Highlight** of the ILL of Grenoble (FR) for the work reported in: V. Rondelli et

al., BBA-Biomembranes 2012

2008 - Fellow as **Promising Young Researcher** from the Region Lombardia (IT)

ATTIVITA' DI SUPERVISIONE

2012 - present 1 Postdoc / 1 PhD / 8 Master / 6 Bachelor students tutoring/supervision at Università degli Studi di Milano, Italy

DIDATTICA

2014 - present **Bachelor's degree courses** of "*Applied Physics*" for the students of Medicine related courses (dietistics and nursery), 15-40h/year/course, 60h/year, 30-150 students/course, University of Milano.

2019 – present **PhD courses** on '*Spectroscopy and imaging of biosystems on the nano-, meso- and macro-scale*' 2h/year, 5-10 students, University of Milano.

2022 – present **PhD courses** on '*Quantification and characterization of extracellular vesicles in biomedical research*' 2h/year, 20-30 students, University of Milano.

ORGANIZZAZIONE DI EVENTI SCIENTIFICI

11-14 Sept 2022 Organizing committee of the annual Italian Neutron Scattering Society **congress**, Milano, Italy, 50 participants

4-7 July 2020 Scientific and organizing committee of the biennial Italian Biophysical Society **congress**, Parma, Italy, 100 participants. **Chair** of 'Molecular Biophysics' session

2017-2020 Scientific and organizing committee of the Medical Biotechnology and Translational Medicine Department of the University of Milan **seminars** (10 seminars per year), Italy, 50 participants each

3-6 Apr 2019 Scientific and organizing committee of the **international congress**: 'Membrane Biophysics of Exo-Endocytosis: from Model Systems to Cells', Mandelieu la Napoule, France, 150 participants

10-13 Sept 2018 Scientific and organizing committee of the biennial Italian Biophysical Society **congress**, Ancona, Italy, 100 participants. **Chair** of 'Molecular Biophysics' session

2017 - 2019 Scientific and organizing committee of the 2nd, 3rd and 4th **workshops** of the Medical Biotechnology and Translational Medicine Department of the University of Milan, Italy, 200 participants. **Chair** of 'Methods and Technologies' sessions

RESPONSABILITA' ISTITUZIONALI

2020 – present **Representative of the Researchers** of the Medical Biotechnology and

Translational Medicine Department of the University of Milan (IT)

2018 – present Member of the **PhD Council** in Physics, University of Milano, Italy

2014 – 2016 **Representative of the Post-docs** of the Medical Biotechnology and Translational Medicine Department of the University of Milan (IT)

RESPONSABILITA' SCIENTIFICHE

2016 – 2021 **Steering committee**, Italian Biophysical Society (SIBPA)

2019 Asked by the steering committee of the Italian Neutron Scattering Society (SISN) to lead a working group for editing of a **programmatic document** about the development of science with neutrons in Italy in the next 10 years. Group co-lead with Prof C. Petrillo

PROGETTI FINANZIATI

2022 - 2027 '*NC3- National Center for Gene Therapy and Drugs based on RNA Technology*'. 2,155 K€, PNRR from Italian government (total financemnt: 320,036 K€). **unit component** in spoke 8

2021 - 2023 '*HEBE, Healthy aging versus inflamm-aging: the role of physical Exercise in modulating the Biomarkers of age-associated and Environmentally determined chronic diseases*'. 150 K€, from University of Milano. **unit component**

2022 - 2025 '*Multimodal Innovative THeranostic nano System against cancer(MITHoS)*' 104 K€ from Italian Minister of University, PRIN 2020 (total financemnt: 574 K€). **unit PI**

2015 - present **PI** of more than 30 projects and **co-PI** of more than other 30, positively evaluated and financed by interdisciplinary boards to perform Atomic Force Microscopy, Cryo-EM, FTIR, X-Ray and Neutron scattering, diffraction and reflectometry experiments on International Large Scale facilities in Europe (ILL, ESRF – Grenoble; LLB - Saclay; HZB - Berlin; MLZ-Garching; BNC-Budapest; ELETTRA-Trieste; SOLARIS-Krakow; ISIS -Didcot)

2020 - 2021 '*Structure and fusogenic properties of Extracellular vesicles of different origin*' 1.8 K€ by the University of Milano. **PI**

2019 - 2020 '*BIOSWEET - Molecular details of sugar-protein interactions in biomembranes*' 33 K€ by the University of Milano. **co-PI**

2017 - 2019 '*Towards translational: ganglioside GM1 derivatives for Parkinson's disease*' 33 K€ by the University of Milano. **PI**

2018 - 2019 '*Development of innovative cell membrane models*' 1.6 K€ by the University of Milano. **PI**

2018 - 2019 '*FFABR, Grant for fundamental research*' 3 K€ by Italian Minister for University

and Research. **PI**

2016 - 2021 'noMAGIC-noninvasive manipulation of gating in ion channels', grant n. 695078 H2020-ERC-2015- AdG 2,409 K€ to Anna Moroni, University of Milano. **Collaborator**

2009 - 2012 'Understanding the interaction between cells and lipid nanoparticles for gene delivery', 163 K€ by the Italian Minister for University, FIRB 2008. **Collaborator**

PRESENTAZIONI SU INVITO

Sept 2021 107th Congress of the Italian Society of Physics (SIF), Online

Nov 2021 International Science Advisory Council meeting of Budapest Neutron Center (BNC), Online

Jun 2019 Italian Neutron Spectroscopy Society Meeting, Roma (IT)

May 2019 Seminar, University of Gembloux (BE)

Mar 2019 Symposium on biomembranes, Budapest University (HU)

Mar 2019 Official Ceremony for the celebration of the 60 years of the Budapest Neutron Center Reactor facility, Academy of Sciences of Budapest (HU)

Oct 2018 Seminar, Physics Dept. of TUM University, Garching (DE)

Oct 2017 Physics of Materials International Congress (FisMat), Trieste (IT)

May 2016 Italian Biochemistry Society Meeting (Membranes group), Milano (IT)

May 2015 Seminar, Università degli Studi di Milano (IT)

Additionally, more than 70 contributions to international congresses, among whose more than 25 as selected oral presenter.

LEZIONI SU INVITO

Sept 2022 'Didactic days of the Italian society for neutron spectroscopy 2022', **2 days training** on 'Simulation of a neutron small angle scattering experiment', Verona, Italy

2018 – present MSc international course 'Synthetic Biology' held by A. Saponaro. **Lecture:** 'Membranes in biotechnology', 2h/year, 20 students, University of Milano, Italy

Jan 2020 'XXIV International School of Pure and Applied Biophysics: Applications of X-rays and Neutron Scattering in Biology', **1 lecture** on 'The principles of X-ray and neutron Reflectometry' and **1 lecture** on 'The application of reflectometry to biology', Venice, Italy

Sept 2019 International School on "Biophysical Approaches to Macromolecules and cells: Integrated Tools for Life Sciences and Medicine", **2 lectures** on 'Scattering of light, X-rays and neutrons' and support at the **practicals** on AFM, Arusha, Tanzania

ATTIVITA' DI REVISIONE

- 2012– present **Reviewer** for Journal of Physics, Photochemical and Photobiological Sciences Journal, Journal of Colloid and Interface Science, ACS Omega, Bioorganic Chemistry, Frontiers Physiology, Frontiers Molecular Biosciences, International Journal of Biological macromolecules
- 2016– present **Member of the evaluation committee** for best student oral and/or poster presentations for the Italian Society of Neutron Spectroscopy, Italian Society of Physics, and of the Medical Biotechnologies Dept. during workshops and congresses
- 2016– 2021 **Member of the evaluation committee** of the Italian Biophysical Society for scholarships and awards for young researchers engaged in biophysical researches
- 2020 **Jury member** of the PhD defense of Dr. E. Deboever, Université de Liège – Gembloux Agro Bio-Tech, Belgium.

SOCIETA' SCIENTIFICHE

- 2015 – present Società italiana di Biofisica (Italian Biophysical Society) - SIBPA
- 2021 – present Società Italiana di Fisica (Italian Physics Society) - SIF
- 2014 – present Società Italiana di Spettroscopia Neutronica (Italian Neutron Scattering Society) - SISN
- 2010 – 2012 Società Italiana di Biochimica (Italian Biochemistry Society) - SIB

PRINCIPALI COLLABORAZIONI

- L. Casalis, P. Parisse. ELETTRA, Trieste (IT) - Extracellular vesicles characterization and membrane interaction
- M. Deleu, Université de Liège (BE) - Mimics of plant membranes
- A. Koutsioubas, Forschungszentrum Juelich GmbH (DE) - Reflectometry from membrane mimics
- G. Fragneto, Institute Laue Langevin, Grenoble (FR) - Reflectometry from membrane mimics
- A. Moroni, A. Saponaro, Università degli Studi di Milano (IT) - K⁺ channels in membranes
- M. Salmona, Istituto di ricerca farmacologica Mario Negri, Milano (IT) - Amiloidogenic diseases
- V. Cauda, Università di Torino (IT), G. Barcaro, CNR Pisa (IT), G. Rossi, Università di Genova (IT) - design of smart nanocarriers for anticancer drug delivery

PUBBLICAZIONI

- 1) M. Grava, S. Helmy, M. Gimona, P. Parisse, L. Casalis, P. Brocca, **Rondelli V.**

Small extracellular vesicles impact on target membrane structure and dynamics

Il Nuovo Cimento, *in press*

2) **Rondelli V. (corresponding)**, S. Helmy, G. Passignani, P. Parisse, D. Di Silvestre

Integrated Strategies for a Holistic View of Extracellular Vesicles

ACS Omega (2022) 7, 23, 19058–19069

3) M. Grava, S. Helmy, M. Gimona, P. Parisse, L. Casalis, P. Brocca, **Rondelli V. (corresponding)**

Calorimetry of extracellular vesicles fusion to single phospholipid membrane

Biomolecular Concepts (2022) 13 (1), 148-155

4) **Rondelli V. (corresponding)**, L. Mollica, A. Koutsioubas, N. Nasir, M. Trapp, E. Deboever, P. Brocca, M. Deleu

Carbohydrate-carbohydrate interaction drives the preferential insertion of dirhamnolipid into glycosphingolipid enriched membranes

Journal of Colloid and Interface Science (2022) 616, 739-748

5) G. Conte, G. Costabile, D. Baldassi, **Rondelli V.**, R. Bassi, D. Colombo, G. Linardos, E. V. Fiscarelli, R. Sorrentino, A. Miro, F. Quaglia, P. Brocca, I. d'Angelo, O. M. Merkel, F. Ungaro

Hybrid lipid/polymer nanoparticles to tackle the cystic fibrosis mucus barrier in siRNA delivery to the lungs: does PEGylation make the difference?,

ACS applied materials & interfaces (2022) 14 (6), 7565-7578

6) E. Deboever, G. Van Aubel, **Rondelli V.**, A. Koutsioumpas, M. Mathelie-Guinlet, Y. F. Dufrene, M. Ongena, L. Lins, P. Van Cutsem, M. Fauconnier, M. Deleu

Modulation of Plant Plasma Membrane Structure by Exogenous Fatty Acid Hydroperoxide is a Potential Perception Mechanism for their Eliciting Activity

Plant, cell & environment (2022) 45 (4), 1082-1095

7) **Rondelli V. (corresponding)**, A. Koutsioubas, J. Pršić, E. Deboever, J. M. Crowet, L. Lins, M. Deleu

Sitosterol and glucosylceramide cooperative transversal and lateral uneven distribution in plant membranes

Scientific Reports, (2021) 11(1), 1-11

8) F. Perissinotto & **Rondelli V. (co-first author)**, B. Senigagliesi, P. Brocca, L. Almasy, L. Bottyán, D. Merkel, B. Sartori, H. Amenitsch, B. Sartori, K. Palcher, M. Mayr, M. Gimona, E. Rohde, L. Casalis, P. Parisse

Structural insights on fusion mechanisms of small extracellular vesicles with model plasma membranes Nanoscale (2021) 13, 5224-5233

9) G. Costabile, R. Provenzano, A. Azzalin, V. C. Scoffone, L. R. Chiarelli, **Rondelli V.**, I. Grillo, T. Zinn, A. Lepioshkin, S. Savina, A. Miro, F. Quaglia, V. Makarov, T. Coenye, P. Brocca, G. Riccardi, S. Buroni, F. Ungaro

PEGylated mucus-penetrating nanocrystals for lung delivery of a new FtsZ inhibitor against Burkholderia cenocepacia infection

Nanotechnology Biology and Medicine, (2020) 23, 2113

- 10) F. Perissinotto, C. Stani, E. De Cecco, L. Vaccari, **Rondelli V.**, P. Posocco, P. Parisse, D. Scaini, G. Legname, L. Casalis
Iron-mediated interaction of alpha synuclein with lipid raft model membranes
Nanoscale (2020) 12, 7631
- 11) **Rondelli V.**, M. Salmona, L. Colombo, G. Fragneto, G. Fadda, L. Cantu, E. Del Favero
A β Beyond the AD Pathology: Exploring the Structural Response of Membranes Exposed to Nascent A β Peptide
Int. J. Mol. Sci. (2020) 21, 8295
- 12) **Rondelli V. (corresponding)**, Di Cola E., Koutsioubas A., Alongi J., Ferruti P., Ranucci E., Brocca P.
Mucin thin layers: a model for mucus covered tissues, International Journal of Molecular Sciences 20(15) (2019) 3712
- 13) F. Perissinotto, **Rondelli V. (corresponding)**, P. Parisse, N. Tormena, A. Zunino, L. Almasy, D.G. Merkel, L. Bottyan, L. Casalis
GM1 Ganglioside role in the interaction of Alpha-synuclein with lipid membranes: morphology and structure
Biophysical Chemistry (2019) 255, 106272
- 14) P. Brocca, A. Saponaro, B. Introini, **Rondelli V.**, M. Pannuzzo, D. Raciti, M. Corti, A. Raudino
Protein adsorption at the air-water interface by a charge sensing interferometric technique
Langmuir 35 (49) (2019) 16087-16100
- 15) T. Mukhina, A. Hemmerle, **Rondelli V.**, Y. Gerelli, G. Fragneto, J. Daillant, T. Charitat
Attractive Interaction between Fully Charged Lipid Bilayers in a Strongly Confined Geometry
J. Phys. Chem. Lett. (2019) 10, 22, 7195–7199
- 16) E. Di Cola, L. Cantù, P. Brocca, **Rondelli V.**, G. C. Fadda, E. Canelli, P. Martelli, F. Sonvico, R. Bettini, E. Del Favero
Novel O/W nanoemulsions for nasal administration: structural hints in the selection of performing vehicles with enhanced mucopenetration
Colloids and Surfaces B: Biointerfaces (2019) 183, 110439
- 17) Rinaldi F., Hanieh P.N., Del Favero E., **Rondelli V.**, Brocca P., Pereira M. C., Andreev O. A., Reshetnyak Y. K., Marianecchi C., Carafa M.
Decoration of Nanovesicles with pH (Low) Insertion Peptide (pHLIP) for Targeted Delivery
Nanoscale research letters 13 (2018), 391
- 18) Pescina S., Garrastazu G., Del Favero E., **Rondelli V.**, Cantù L., Padula C., Santi P., Nicoli S.
Microemulsions based on TPGS and isostearic acid for imiquimod formulation and skin delivery
European Journal of Pharmaceutical Sciences 125 (2018) 223-231
- 19) Brocca P., **Rondelli V.**, Corti M., Del Favero E., Deleu M., Cantu L.
Interferometric investigation of the gas-state monolayer of mono-rhamnolipid adsorbing at an oil/water interface
Journal of Molecular Liquids 266 (2018) 687-691

- 20) **Rondelli V.**, Del Favero E., Brocca P., Fragneto G., Trapp M., Mauri L., Ciampa M.G., Romani G., Braun C.J., Winterstein L., Schroeder I., Thiel G., Moroni A., Cantu L., *Directional K⁺ channel insertion in a single phospholipid bilayer: Neutron reflectometry and electrophysiology in the joint exploration of a model membrane functional platform* Biochimica et Biophysica Acta (BBA)-General Subjects 1862 (2018) 1742-1750
- 21) d'Angelo I., Costabile G., Durantie E., Brocca P., **Rondelli V.**, Russo G., Miro A., Quaglia F., Petri-Fink A., Rothen-Rutishauser B., Ungaro F. *Hybrid Lipid/Polymer Nanoparticles for Pulmonary Delivery of siRNA: Development and Fate Upon In Vitro Deposition on the Human Epithelial Airway Barrier* Journal of aerosol medicine and pulmonary drug delivery 31 (2017) 170-181
- 22) Cantù L., Colombo L., Stoilova T., Demé B., Inouye H., Booth R., **Rondelli V.**, Di Fede G., Tagliavini F., Del Favero E., Kirschner D.A., Salmona M. *The A2V mutation as a new tool for hindering A β aggregation: A neutron and x-ray diffraction study* Nature Sci.Reports 7 (2017) 5510
- 23) **Rondelli V. (corresponding)**, Brocca P., Tranquilli N., Fragneto G., Del Favero E., Cantù L. *Building a biomimetic membrane for neutron reflectivity investigation: Complexity, asymmetry and contrast* Biophysical Chemistry 229 (2017) 135-141
- 24) Colombo L., Gamba A., Cantù L., Salmona M., Tagliavini F., **Rondelli V.**, Del Favero E., Brocca P. *Pathogenic A β A2V versus protective A β A2T mutation: Early stage aggregation and membrane interaction* Biophysical Chemistry 229 (2017) 11-18
- 25) Rinaldi F., Del Favero E., **Rondelli V.**, Pieretti S., Boggi A., Ponti J., Rossi F., Di Marzio L., Paolino D., Marianecchi C., Carafa M. *pH-sensitive niosomes: effects on cytotoxicity and on inflammation and pain in murine models* Journal of Enzyme Inhibition and Medicinal Chemistry 32(2017) 538-546
- 26) Clementino A., Batger M., Garrastazu G, Pozzoli M, Del Favero E., **Rondelli V.**, Gutfilen B., Barboza T., Sukkar M.B., Louza S.A.L., Cantù L., Sonvico F. *The nasal delivery of nanoencapsulated statins – an approach for brain delivery* International Journal of Nanomedicine 11(2016) 6575—6590
- 27) Sandri G., Motta S., Bonferoni M.C., Brocca P., Rossi S., Ferrari F., **Rondelli V.**, Cantù L., Caramella C., Del Favero E. *Chitosan-coupled solid lipid nanoparticles: Tuning nanostructure and mucoadhesion* European Journal Of Pharmaceutics And Biopharmaceutics 110 (2017) 13-18
- 28) **Rondelli V.**, Brocca P., Fragneto G., Daillant, J., Tringali, C., Cantù L., Del Favero E. *Membrane restructuring following in situ sialidase digestion of gangliosides: complex model bilayers by synchrotron radiation reflectivity* Biochimica et Biophysica Acta-Biomembranes 1859 (2017) 845-851
- 29) Brocca P., **Rondelli V.**, Mallamace F., Di Bari M.T., Deriu A., Lohstroh W., Del Favero E., Corti M., Cantù L.

Water response to ganglioside GM1 surface remodelling

Biochimica Et Biophysica Acta-General Subjects 1861 (2016) 3573-3580

30) **Rondelli V.**, Brocca P., Motta S., Messa M., Colombo L., Salmona M., Fragneto G., Cantù L., Del Favero E.

Amyloid- β Peptides in interaction with raft-mimic model membranes: a neutron reflectivity insight
Scientific Reports 6, 20997 (2016)

31) Motta S., **Rondelli V.**, Cantù L., Del Favero E., Aureli M., Pozzi D., Caracciolo G., Brocca P.

What the cell surface does not see: The gene vector under the protein corona
Colloids and Surfaces B: Biointerfaces 28 (2016) 170-178

32) Marianecchi C., Di Marzio L., Del Favero E., Cantù L., Brocca P., **Rondelli V.**, Rinaldi F., Dini L., Serra A., Decuzzi P., Celia C., Paolino D., Fresta M., Carafa M.

Niosomes as Drug Nanovectors: Multiscale pH-Dependent Structural Response
Langmuir 32 (2016) 1241-1249

33) Pereira G.G., Britto Detoni C., Balducci A.G., **Rondelli V.**, Colombo P., Stanisçuaski Guterres S., Sonvico F.

Hyaluronate nanoparticles included in polymer films for the prolonged release of vitamin E for the management of skin wounds
European Journal of Pharmaceutical Sciences 83 (2106) 203-211

34) De Luigi A., Mariani A., De Paola M., Re Depaolini A., Colombo L., Russo L., **Rondelli V.**, Brocca P., Adler-Abramovich L., Gazit E., Del Favero E., Cantù L., Salmona M.

Doxycycline hinders phenylalanine fibril assemblies revealing a potential novel therapeutic approach in phenylketonuria
Scientific Reports 5 (2015) 15902

35) Del Favero E., Brocca P., **Rondelli V.**, Motta S., Raudino A., Cantu' L.

Optimizing the Crowding Strategy: Sugar-Based Ionic Micelles in the Dilute-to-Condensed Regime
Langmuir 30 (2014) 9157-9164

36) **Rondelli V.**, Del Favero E., Motta S., Cantù L., Fragneto G., Brocca P.

Neutrons for rafts, rafts for neutrons
European Physical Journal E 36, 73 (2013) 1-8

37) Motta S., Brocca P., Del Favero E., **Rondelli V.**, Cantù L., Amici A., Pozzi D., Caracciolo G.

Nanoscale structure of protamine/DNA complexes for gene delivery
Applied Physics Letters 102 (2013) 053703

38) **Rondelli V.**, Fragneto G., Motta S., Del Favero E., Brocca P., Sonnino S., Cantù L.

Ganglioside GM1 forces the redistribution of cholesterol in a biomimetic membrane
Biochimica et Biophysica Acta: Biomembranes 1818, 2860 (2012) 2860-2867

39) **Rondelli V.**, Fragneto G., Motta S., Del Favero E., Cantù L.

Reflectivity from floating bilayers: can we keep the structural asymmetry?
Journal of Physics: Conference Series 340 (2012) 012083

40) Del Favero E., Brocca P., Motta S., **Rondelli V.**, Sonnino S., Cantu' L.
Nanoscale structural response of ganglioside-containing aggregates to the interaction with sialidase Journal of Neurochemistry 116 (2011) 833-839

INTERRUZIONI DI CARRIERA

Sept 2014 –Feb 2015 maternità, 5 mesi

Milano, giugno 2022

Valeria Rondelli