

## PERSONAL INFORMATION

## DANIELA CORDA



**📍** Institute for Endocrinology and Experimental Oncology "G. Salvatore"- IEOS  
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**🌐** <https://www.su.ieos.cnr.it/cell-regulation.html>

**Sex** Female | **Date of birth** 19/06/1955 | **Nationality** Italian

## CURRENT POSITION

University	EPR	Enterprise
<input type="checkbox"/> Full professor	X Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator	<input type="checkbox"/> Management Level
<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist	<input type="checkbox"/> Mid-Management Level
<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Employee / worker level

## WORK EXPERIENCE

From July 2022

**Group leader and Senior Scientist**

Institute for Endocrinology and Experimental Oncology "G. Salvatore", National Research Council, Naples, Italy.

From Dec 2019 To June 2022

**Director of the Department of Biomedical Sciences**

National Research Council, Rome, Italy.

From Nov 2018 To Nov 2019

**Director of Research (Principal Investigator)**

Institute of Biochemistry and Cell Biology, National Research Council, Naples, Italy.

From 2009 To 2018

**Director of the Institute of Protein Biochemistry**

National Research Council, Naples, Italy.

From 2010 To 2016

**President of the National Research Council Research Area NA1**

Via Pietro Castellino 111, Naples, Italy

From 2004 To 2009

**Director for Research & Development**

"Mario Negri Sud" Institute, S. Maria Imbaro (Chieti), Italy.

2004

**Co-founder of TIDID (Telethon Initiative for the Discovery of Drug targets).**

From 1996 To 2003

**Head of the Department of Cell Biology and Oncology**

"Mario Negri Sud" Institute, S. Maria Imbaro (Chieti), Italy.

From 1988 To 2009

**Head of the Laboratory of Cell Regulation**

"Mario Negri Sud" Institute, S. Maria Imbaro (Chieti), Italy.

Research field: signal transduction, ADP-ribosylation, G-protein mediated signalling, lipid metabolism, cell biology.

1987

**Co-founder of the Consorzio Mario Negri Sud**

S. Maria Imbaro (Chieti) Italy

August 1987

**Visiting Scientist, Department of Hormone Research**

the Weizmann Institute of Science, Rehovot, Israel.

Research field: G-protein mediated signalling.

From 1986 To 1988

**Chief of the Research Unit on Cell Regulation**

"Mario Negri" Institute for Pharmacological Research, Milano, Italy.

Research field: signal transduction, TSH and thyroid hormone action, G-protein mediated signalling.

From 1983 To 1986

**Fogarty Visiting Fellow**

Laboratory of Biochemistry and Metabolism, National Institute of Diabetes, and Digestive and Kidney Diseases, National Institute of Health, Bethesda, Maryland, USA.

Research field: biochemistry, signal transduction, TSH and thyroid hormone action.

May/June 1980 **Visiting PhD student**, Kernforschungsanlage, Institute für Neurobiologie, Jülich, Germany  
Research field: mechanisms of rhodopsin photoactivation.

From 1979 To 1983 **Ph.D. Student**  
Department of Membrane Research, the Weizmann Institute of Science. Rehovot, Israel.  
Research field: membrane biology and biophysics.

From 1973 To 1977 **First degree Student (laurea)**  
Faculty of Biological Sciences, University of Perugia, Italy.

## EDUCATION AND TRAINING

1984 **PhD in Life Sciences**, the Weizmann Institute of Science, Rehovot, Israel.

From 1979 To 1983 **Ph.D. Student**, Department of Membrane Research, the Weizmann Institute of Science. Rehovot, Israel. Research field: membrane biology and biophysics.

1977 **Laurea in Biological Sciences**, Summa cum Laude. University of Perugia, Italy.

From 1973 To 1977 **Studies for Laurea** the pre-doctoral Degree in Biological Sciences, University of Perugia, Italy. Research field: photochemistry and biophysics.

## PERSONAL SKILLS

Mother Tongue Italian

Other language English, full professional proficiency

## COMMUNICATION SKILLS

### Teaching activities

- 1978-1979 Part-time Teaching Assistant for the Practical course of Physical Chemistry, Department of Chemistry, University of Perugia, Italy.
- 1981 Assistant for the course on "Biological membranes", Graduate Feinberg School of the Weizmann Institute of Science, Rehovot, Israel.
- 1987 Lecture course on "Molecular mechanisms of signal transduction", PhD School on "Endocrinology and Metabolism", Federico II University, Napoli, Italy.
- 1989 Lecture course on "Regulatory mechanisms of adenylyl cyclase" PhD School on "Cellular and Molecular Biology, Milano University, Milano, Italy.
- 1991 Lecture course on "Signal transduction in normal and cancer cells" Medical School, Post-graduated School in Oncology, Catholic University "Sacro Cuore", Rome, Italy.
- 1991-1992 Lecture course on "General Pathology II: Signal transduction mechanisms regulating cell proliferation" (Adjunct Professor), Medical School, University of Chieti, Chieti, Italy.
- 1992 Lecture course on "G protein regulation in normal and ras-transformed cells" PhD School in Experimental Medicine, Perugia University, Perugia, Italy.
- 1991-2005 Lecture course on "Molecular Pathology, Cellular Kinetics and Metabolism" (Adjunct Professor), Medical School, Post-graduated-Specialty School in Oncology, Catholic University "Sacro Cuore", Rome, Italy.
- 1997-2009 Faculty member of the PhD programme of the Open University (UK) at "Mario Negri Sud" Institute, S. Maria Imbaro (Chieti), Italy, supervised 9 PhD Students; examined 2 Students.
- 2009-2013 Faculty member of the PhD programme of the Open University (UK) at Telethon Institute-TIGEM, Naples, Italy, supervised 4 PhD Students; 13 PhDs completed.
- 2013-2017 Supervisor, Joint International Doctorate programme of the Institute of Protein Biochemistry, CNR and the "Luigi Vanvitelli" University of Campania; supervised 4 PhD/Doctorate Students.
- Since 2017 Co-Supervisor of the joint PhD programme of the Open University (UK) and the Marine Station "Anton Dohrn", Naples, Italy.
- Since 2017 Member of the Faculty Board of the PhD programme in Science and Technology for Humans and the Environment of the Campus Bio-Medico University Hospital, Rome, Italy.
- Since 1990 Invited Lecturer at several PhD courses and post-graduate Medical Schools

Since 1986 **Science Communications**

Invited speaker at several national and international workshops and congresses, invited lecturer at International Universities and Research Centers (see *Presentations*). As director of the Department of Biomedical Sciences, organizer and promoters of Departmental Conferences, seminars, inter institutes scientific programs.

Since 2000 **Science policy and dissemination activities**

Invited speaker and /or discussant in numerous "career in science" and "gender balance awareness" events at the national and international levels as expert and member of relevant committees in FP6, FP7 and H2020 or in scientific organizations (i.e., ELSO, FEBS, EMBO). Also invited speaker as Italy's Delegate for ERC, MSCA and FET programs to national activities related to the launch of these programs, or presentations of the H2020 opportunities in high schools, universities, PhD and scientific associations. Speaker for science dissemination for the general public on behalf of Charities such as the Italian Association for Cancer Research (AIRC), Telethon (the charity dedicated to genetic diseases), Italian Association for Multiple Sclerosis (AISM).  
More recently, in the capacity of director of the Department of Biomedical Sciences at the CNR, the activities have been focused more on national science policies, with emphasis at the public and private research contributions to the development of the scientific community and the Nation, with participations at several related events. Activities as Italian delegate in H2020 included collaborations with the Agency for the Promotion of the European Research (APRE), with the EC or with national events.

#### Qualifications

- 2012 Qualified for the position of Director of the Department of Biomedical Sciences of the Italian National Research Council (CNR)
- 2014 Qualified for the position of Full Professor in Biology (BIO-13) by the Italian Ministry of Education, Universities and Research (MIUR).
- 2017 Qualified for the position of Director of the Department of Biomedical Sciences of the Italian National Research Council (CNR).

#### Honours and awards

- 1979-1983 Feinberg Graduate School Fellowship, the Weizmann Institute of Science, Rehovot, Israel
- 1983-1986 Fogarty Fellowship, The National Institutes of Health, Bethesda, USA
- 1997-2000 Member of the Council of the Italian Society of Cell Biology and Differentiation (ABCD)
- Since 2000 Permanent Member of the European Molecular Biology Organization (EMBO)
- 2000-2003 Corresponding member of the WICB (Women in Cell Biology Committee) of the American Society for Cell Biology
- 2000 Founding member (and Chair until 2005) of the Career Development Committee (CDC) of the European Life Scientist Organization (ELSO)
- 2000-2009 Member of the Council and of the Executive Board of the European Life Scientist Organization (ELSO)
- 2004-2007 Member of the External Advisory Group for the Human Resources and Mobility Programme, Framework Programme 6, European Commission
- 2004-2007 Member of the Advanced Courses Committee of the Federation of the European Biochemical Societies (FEBS)
- 2004-2008 Member of the Interregional Scientific Committee of the Italian Association for Cancer Research (AIRC)
- 2007-2008 Member of the External Advisory Group for the People Programme, Framework Programme 7, European Commission
- 2007-2008 Member of the Expert group "Realising a single labour market for researchers" (ERA), Framework Programme 7, European Commission
- 2007-2012 Member of the FEBS/EMBO award selection committee for the "Women in Science" Award
- October 2008 EMBO-Lecture at the XVI National Congress of Biochemistry, University of the Azores, Portugal
- 2008-2010 Chair of the Working Group "Young Scientists' Forum" of the Federation of the European Biochemical Societies (FEBS)
- 2008-2010 Member of the Executive Committee of the Federation of the European Biochemical Societies (FEBS)
- 2009 To Date FP7 GenSET project – member of the Science Leaders Panel
- 2010 AIDDA (Association of Managers and Business Women) prize for Women in Science
- 2011-2014 Member of the Fellowship Scientific Committee of the Italian Association for Cancer Research

	(AIRC)
2013-2020	Italian Delegate for Horizon 2020 (ERC, Marie Skłodowska-Curie Actions, Future and Emerging Technologies (FET)) and for the National Representative Board (NRB) of FLAG ERA
2014	Member of the <i>Accademia Europaea</i> , UK
2014 - 2016	Delegate of the Italian National Research Council for the Italy's Life Science Cluster "Alisei"
2014 - 2019	Member of the Advisory Board of the Italian Association for Cancer Research (AIRC)
Since 2014	Co-chair of the FET Flagships Board of Funders (BoF), H2020
2016	Member of the Working Group for the bilateral research program Italy-Slovenia
Nov 2016	Participant at the "High-Level Round Table discussion" on "Future FET Flagships" by invitation of the European Commissioner G.H. Oettinger
2016	Member of the Selection Committee for the "FIRC Guido Venosta" 2016 award
2016 - 2022	Elected Member of the Steering Committee of the Italy's Life Science Cluster "Alisei"
2017	Keynote lecture at "Third Annual Lipids@Wayne Symposium", Wayne State University, Detroit, USA
2017	EMBO Keynote Lecture at the "Bioactive Lipids in Cancer, Inflammation and Related Diseases: 15th International Conference", Puerto Vallarta, Mexico
2018	Member of the Scientific Committee of the "Chiara D'Onofrio" Foundation
2018-2021	Member of the Board of Trustees of the Foundation Biology for Medicine (BioForME)
2019	Member of the Scientific Committee of the project "SISCOE co-DEsign for Society in Innovation and Science", H2020
2021	9th Arturo Falaschi lecture on "PARP12-dependent mono-ADP-ribosylation controls specific membrane transport routes", Institute of Molecular Genetics, Pavia
2021	EMBO Keynote Lecture at the the LVII Conference of the "Argentine Society for Research in Biochemistry and Molecular Biology" (SAIB)
2021	Invited Main Lecture at the BioForo Meeting of the University of the Basque Country on "Biological Membranes", Bilbao (Spain)
Since May 2021	In charge by the CNR for the development of a strategic plan aiming at the coordination of the European Research Infrastructure in Life Sciences of the ESFRI map and of the National Infrastructures (CENCO: the National Coordination Center for Research Infrastructures in the Life Sciences sector)
Since October 2021	Member of the Science Advisory Committee (SAC) of the Research Infrastructure (RI) ISIS@MACH ITALIA
Since February 2022	Member of the Steering Committee and of the Stakeholder Board for the government of EBRAINS, the European Research Infrastructure created by the EU Human Brain Project

### Memberships

Permanent, elected member of the European Molecular Biology Organization (EMBO)  
*Elected* Member of the *Accademia Europaea*  
 American Association for Cancer Research (AACR)  
 American Society of Cell Biology (ASCB)  
 Italian Association of Cell Biology and Development (ABCD)  
 European Life Scientists Organization (ELSO)  
 European Thyroid Association (ETA)  
 Federation of the European Biochemical Societies (FEBS)  
 Italian Society of Biochemistry (SIB)  
 The Italian Society of Biophysics and Molecular Biology (SIBBM).

### Organisational/managerial skills

#### Panels & evaluation committees

2002	Member of the Expert Panel 'Baseline Assessment of the Public Research System in Ireland in the areas of Information & Communication Technologies and Biotechnology', Ireland
2003-2016	Member of the evaluation panel of the Research Councils for Biosciences and Environment (RCBE) and Health (RCH), Academy of Finland, Helsinki, Finland
2004 To Date	Registered referee for the Italian Ministry of Education, University and Research (Albo Revisori, MIUR)
2005 To Date	Registered referee for Italian Universities
2008-2014	Member of the European Research Council (ERC) Evaluation Panel, Framework Programme 7, European Commission, Brussels
2009	Member of the Research Quality Review Panel, University College Cork, Cork, Ireland
2009	Chair of the Biological Sciences Evaluation Panel for the Portuguese Foundation for Science and Technology (FCT), Lisbon, Portugal
2010	Member of the Selection Committee for three permanent researcher positions (call n. 11/2009) at the Marine Station "Anton Dohrn", Naples, Italy
2009-2017	Member of the External Advisory Board of the Centro de Investigaciones Biológicas (CIB), Madrid, Spain.
2011-2014	Member of the Steering Committee of the BIO-IMAGINE Project, FP7-REGPOT-2010-1, Nencki Institute of Experimental Biology, Warsaw, Poland

2015	Chair of the External Evaluation Committee for the competition "Strategic proposals 2014" of the Campus Bio-Medico University, Rome
2015	Member of the Evaluation panel for the establishment of a distributed infrastructure for the "Advanced microscopy in the life sciences" in Sweden, Stockholm.
2015 To Date	CNR Representative in the Programme Committee for collaborative activities between CNR and the Luigi Vanvitelli University of Campania, Italy
2016	Member of the Selection Committee for the "FIRC Guido Venosta" 2016 award
2018	Appointed Reviewer for the research programmes of the IRCCS – National Cancer Institute "Regina Elena", Rome, Italy
2018	Chair of the External Evaluation Committee for the "University Strategic projects 2019" call of the Campus Bio-Medico University Hospital, Rome, Italy
2018	Member of the Selection Committee for a permanent researcher position (call n. 366.57 – Cellular and Molecular Biomedicine Strategic Area) at the National Research Council, Rome; Italy
2019	Member of the Selection Committee for a permanent researcher position (call n. 32/2018) at the Marine Station "Anton Dohrn", Naples, Italy
2021	Member of the Expert Group of the G6 COVID-19 Task Force, representing the G6 presidents (CNR, CNRS, CSIC, the Helmholtz Association, the Leibniz Association and the Max Planck Society)
2021	Expert, thematic group on "Comprehensive Cancer Infrastructures/ Centres" of the sub-group on Cancer, nominated by the Italian Ministry of University and Research - Mission on Cancer, Horizon Europe
2022	Member of the Selection Committee for a permanent researcher position (call n. 7/2022) at the Marine Station "Anton Dohrn", Naples, Italy
From Nov 2022	Member of the Scientific Council of the HiLIFE Helsinki Institute of Life Science, University of Helsinki, Finland

**Ad hoc-referee for national and international funding agencies and academies, among others:**

The French National Cancer Institute (INCa), the European Commission, the Wellcome Trust, the American National Science Foundation, the Academy of Finland, the Israeli Science Foundation, the Dutch Cancer campaign, the European Research Council, the Italian Association for Cancer Research, the MIUR (Italian Ministry of Education, University and Research), the CIVR (MIUR Committee for the Assessment of Research Programmes), MISE (Italian Ministry of Economic Development), the Netherlands Organization for Health Research and Development, the Swiss Cancer League, the Federation of the European Biochemical Societies, the European Molecular Biology Organization.

**Ad hoc-referee for international scientific journals including, among others:**

Nature Comm., the EMBO J., Proc. Natl. Acad. Sci. USA, EMBO Reports, J. Biol. Chem., Biochem. J., J. Neurochem., FEBS J., BBA, BBA-MCR, Trends Biochem. Sci., Cell Immunol., Cells, FEBS Letters, Nat. Sci. Rep., CMLS

## EuropeJob-related skills

### Editorial assignments

Since 2022	Editorial Board of Kinases and Phosphatases
Since 2021	Editorial Board of Cells
Since 2018	Editorial Board of Nature Scientific Reports
Since 2015	Editorial Board of Cellular Signalling
2008-2020	Advisory Editorial Board of EMBO Journal
2008-2016	Advisory Editorial Board of EMBO Reports
2007-2010	Editorial Board, PathoGenetics
1994-2000	Editorial Board, Oncology reports

### Patents

2000	International patent WO2000IT00447/EP1332149. "Glycerophosphoinositol derivatives as modulators of cytosolic phospholipase A2".
2003	Italian patent on: "Glicerofosfoinositoli, loro derivati e composizioni contenenti gli stessi nella terapia antineoplastica".
2007	European patent No 07123370.4. "Method for the isolation and identification of ADP-ribosylated molecules".
2012	International patent WO2014/053642 A1 PTC/EP2013/070728 ITRM2012A000473 "Use of glycerophosphoinositols for the treatment of septic shock"
2013	Patent Application PCT/EP2014/060143 ITRM2013A000295 "Method to identify compounds able to bind to the Rossmann fold of C-terminal-binding proteins, identified compounds and medical uses thereof" CNR 10271



2016 USA Patent No US9351983 B2 "Use of glycerophosphoinositols for the treatment of septic shock"  
 2018 EP 13 773 253.3 "Use of glycerophosphoinositols for the treatment of septic shock"

**Driving Licence** Italian Driving licence category B

## ADDITIONAL INFORMATION

### Presentations

#### International Course and Conference Organization

Since 1990 Member of the Organizing/Scientific Committees of several national and international congresses and symposia including, among others, the ELSO, FEBS, EMBO, NATO and IUBMB congresses.

1997-2023 Main organizer of 18 FEBS and EMBO Advanced Courses on lipid signalling and/or membrane traffic and ADP-ribosylation.

Examples from recent years:

4-8 June 2023 FEBS Advanced Lecture Course on "PARP2023", Island of Hvar, Croatia.  
 8-13 October 2021 FEBS Advanced Course on "ADP-ribosylation and cellular Stress", Castellammare di Stabia, Naples, Italy  
 18-21 May 2021 FEBS Advanced Course on "PARP21", Barcelona, Spain  
 20-23 May 2019 International Conference on "PARP2019", Budapest, Hungary  
 15-19 October 2018 FEBS Special meeting: "The 2018 Golgi Meeting. Membrane trafficking in cell organization and homeostasis" Sorrento, Naples, (Italy)  
 17-19 May 2017 International Conference on "PARP2017", Budapest (Hungary)  
 21-25 July 2016 The 12th International Congress of Cell Biology (ICCB), Minisymposium on "Mechanisms of intracellular trafficking", Prague, Czech Republic.  
 2-6 June 2014 EMBO Workshop on "Cellular imaging of lipids" Vico Equense, Naples, Italy.

#### Selected Invited Lectures

Since 1986 Invited speaker at several national and international congresses. Among others, lectures were delivered at the following meetings:

26-30 June 2022 FASEB conference on "NAD+ Metabolism and Signaling" Steamboat Springs, CO, USA  
 15 December 2021 The BioForo Meeting on "The fascinating world of biological membranes" in honor of prof. Felix M. Goni, University of the Basque Country, Bilbao, Spain  
 15-16 June 2021 FASEB virtual conference on "NAD+ Metabolism and Signaling" FASEB, Rockville, MD, USA  
 1-5 November 2021 LVII Conference of the "Argentine Society for Research in Biochemistry and Molecular Biology" (SAIB), virtual conference, Argentina  
 9-11 December 2020 CSHL Virtual Conference on "The PARP Family & ADP-ribosylation" Cold Spring Harbor, NY, USA  
 23-28 June 2019 FASEB conference on "NAD+ Metabolism and Signaling" Dublin, Ireland  
 20-23 May 2019 PARP2019 Budapest, Hungary  
 31 Aug -7 Sept 2018 FEBS Advanced Course on "Lipids dynamics and membrane contact sites" Island of Spetses, Greece  
 2-3 July 2018 IACC Inauguration Symposium "Cellular coenzymes in health and disease", University College London, U.K.  
 25-27 June 2018 "GNB 2018 - VI National Congress of Bioengineering" Milano, Italy  
 10-15 June 2018 Invited Speaker at the Summer School on "Smart Nanomaterials for Drug Delivery", Anacapri, Italy  
 22-25 October 2017 "Bioactive Lipids in Cancer, Inflammation and Related Diseases: 15th International Conference", Puerto Vallarta, Mexico  
 17-19 May 2017 International Conference "PARP2017", Budapest, Hungary  
 10-13 September 2016 Special Interest Symposium on "ADP-ribosylation in signalling events" at the 7th EMBO meeting, Mannheim, Germany  
 11 May 2016 "Third Annual Lipids@Wayne Symposium", Wayne State University, Detroit, USA  
 4 February 2016 Nanyang Technological University, School of Biological Sciences meeting, Singapore

## Publications

H index (2022 values)

Scopus: 43

Google Scholar: 50

i10-index (Scholar):124

## 10 selected Publications out of 179

1. Weigert R., Silletta M. G., Spanò S., Turacchio G., Cericola C., Colanzi A., Mancini R., Polishchuk E.V., Salmona M., Facciano F., Burger K.N.J., Mironov A., Luini A. and Corda D. CtBP/BARS induces fission of Golgi membranes by acylating lysophosphatidic acid. *Nature* 402: 429-433 (1999) *IF 49.962*
2. Hidalgo Carcedo C., Bonazzi M., Spanò S., Turacchio G., Colanzi A., Luini A. and Corda D. Golgi fragmentation during mitosis requires the membrane fissioning protein CtBP3/BARS. *Science* 305: 93-96 (2004) *IF 47.728*
3. Colanzi A., Hidalgo Carcedo C., Persico A., Cericola C., Turacchio G., Bonazzi M., Luini A. and Corda D. The Golgi mitotic checkpoint is controlled by BARS-dependent fission of the Golgi ribbon into separate stacks in G2. *EMBO J.* 26: 2465-2476 (2007) *IF 11.598*
4. Valente C., Turacchio G., Mariggio S., Pagliuso A., Gaibisso R., Di Tullio G., Santoro G., Formiggini F., Spanò S., Piccini D., Polishchuk R.S., Colanzi A., Luini A. and Corda D. A 14-3-3 $\gamma$ -dimer-based scaffold assembles a dynamic protein complex required for post-Golgi-carrier formation. *Nat. Cell Biol.* 14: 343-354 (2012) *IF 28.824*
5. Colanzi A., Grimaldi G., Catara G., Valente C., Cericola C., Liberali P., Ronci M., Lalioti V., Bruno A., Beccari A., Urbani A., De Flora A., Nardini M., Bolognesi M., Luini A. and Corda D. Molecular mechanism and functional role of brefeldin-A-mediated ADP-ribosylation of CtBP1/BARS. *Proc. Natl. Acad. Sci. U. S. A.* 110: 9794-9799 (2013) *IF 11.205*
6. Pagliuso A., Valente C., Giordano L.L., Turacchio G., Circolo D., Corda D.\* and Luini A. Fission of post-Golgi carriers requires the BARS-mediated regulation of LPAAT4 activity. *Nature Comm.* 7: 12148-12162 (2016) \*Corresponding author *IF 14.919*
7. Barretta M.L., Spano D., D'Ambrosio C., Cervigni R.I., Scaloni A., Corda D. and Colanzi A. Aurora-A recruitment and centrosomal maturation are regulated by a Golgi-activated pool of Src during G2/M transition. *Nature Comm.* 7: 11727-11740 (2016) *IF 14.919*
8. Vessichelli M., Mariggio S., Varone A., Zizza P., Di Santo A.M., Amore C., Dell'Elba G., Cutignano A., Fontana A., Cacciapuoti C., Di Costanzo G., Zannini M., de Cristofaro T., Evangelista V. and Corda D. The natural phosphoinositide derivative glycerophosphoinositol inhibits the lipopolysaccharide-induced inflammatory and thrombotic responses. *J. Biol. Chem.* 292: 12828-12841 (2017) *IF 5.157*
9. Varone A., Amoroso C., Patheja M., Greco A., Auletta L., Zannetti A. and Corda D. The phosphatase Shp1 interacts with and dephosphorylates cortactin to inhibit invadopodia function. *Cell Commun. Signal.* 19(1):64. doi: 10.1186/s12964-021-00747-6. PMID: 34088320 (2021) *IF 5.712*
10. Grimaldi G., Filograna A., Schembri L., Lo Monte M., Di Martino R., Pirozzi M., Spano D., Di Martino R., Spano D., Beccari A.R., Parashuraman S., Luini A., Valente C. and Corda D. PKD-dependent PARP12-catalyzed mono-ADP-ribosylation of Golgin-97 is required for E-cadherin transport from Golgi to plasma membrane. *Proc. Natl. Acad. Sci. USA*, 119(1): e2026494119. doi: 10.1073/pnas.2026494119. PMID: 34969853 (2022) *IF 11.205*

## 5 Additional Publications of the last 5 years

1. Catara G., Grimaldi G., Schembri L., Turacchio G., Lo Monte M., Beccari A.R. and Corda D. PARP1-produced poly-ADP-ribose causes the PARP12 translocation to stress granules and impairment of Golgi complex functions. *Sci. Rep.* 7: 14035 doi: 10.1038/s41598-017-14156-8 (2017)
2. Grimaldi G. and Corda D. ADP-ribosylation and intracellular traffic, an emerging role for PARP enzymes. *Biochem. Soc. Trans.*, 47: 357-370 DOI:https://doi.org/10.1042/BST20180416 (2019)
3. Varone A., Mariggio S., Patheja M., Maione V., Varriale A., Vessichelli M., Spano D., Formiggini F., Lo Monte M., Brancati N., Frucci M., Del Vecchio P., D'Auria S., Flagiello A., Iannuzzi C., Luini A., Pucci P., Banci L., Valente C. and Corda D. A signalling cascade involving receptor-activated phospholipase A2, glycerophosphoinositol 4-phosphate, Shp1 and Src in the activation of cell motility. *Cell Commun. Signal.*, 17: 1-21 doi: 10.1186/s12964-019-0329-3 (2019)
4. Grimaldi G., Catara G., Corteggio A., Palazzo L., Valente C. and Corda D. PARPs and PAR as novel pharmacological targets for the treatment of stress granule-associated disorders. *Biochem. Pharm.* 167: 64-75. doi: 10.1016/j.bcp.2019.05.019. (2019)
5. Rizzo R., Russo D., Kurokawa K., Sahu P., Lombardi B., Supino D., Zhukovsky M., Vocat A., Pothukuchi P., Kunnathully V., Capolupo L., Boncompain G., Vitagliano C., Zito Marino F., Aquino G., Montariello D., Henklein P., Mandrich L., Botti G., Clausen H., Mandel U., Yamaji T., Hanada K., Budillon A., Perez F., Parashuraman S., Hannun Y.A., Nakano A., Corda D., D'Angelo G. and Luini A. Golgi maturation-dependent glycoenzyme recycling controls glycosphingolipid biosynthesis and cell growth via GOLPH3. *EMBO J.* 40(8):e107238. doi: 10.15252/embj.2020107238. Epub 2021 Mar 22. PMID: 33749896 (2021)

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.

Daniela Corda

Napoli, September 29, 2022