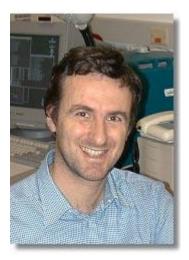
Prof. Camillo Rosano



- Doctorate
- Director, San Martino Hospital (IRCCS), Genoa, Italy
- Full time university Professor
- Senior Researcher, Istituto Nazionale per la Ricerca sul Cancro, IRCCS Azienda Ospedaliera
- Universitaria San Martino, Genova, Italy

Summary

A physicist; in 1996 Camillo Rosano started his studies in Macromolecular Crystallography at the Advanced Biotechnology Center, Genova (I). In 1997 he achieved the Advanced Certificate in Principles of Protein Structures (PPS), Birkbeck College, University of London, UK, and in 1998 he spent a period at the "York Structural Biology Laboratory" York University, York, UK for a Macromolecular crystallography traineeship. He participated to the NASA expeditions STS100/ISS6A and STS110/ISS7A by designing experiment of protein crystallization on-board the International Space Station (ISS). Director of different Courses and Workshops, he is the author/coauthor of more than 100 peer-reviewed scientific publications.

Dr. Rosano is a Full Professor in Biochemistry and Full Professor in Applied Biology. Italian Ministry for University, Education and Research (MIUR), 2012, and Acting Director of the Proteomics and Mass Spectrometry Unit at the IRCC Policlinic in San Marino, Genova. His research is focused on Structural Oncology and size matters, and heterocyclophanes in drug discovery.

Biochemistry Bioinformatics Biophysics Computational Biology Computer Aided Design Drugs & Devices

Work details

Principal Investigator

IRCCS AOU San Martino - IST National Institute for Cancer Research November 1999 to present Proteomics

Officer

Italian Navy January 1988 - May 1992

Researcher

G. Gaslini Children Hospital November 1993 - October 1995 Oncology-Hematology

Researcher

National Institute for Cancer Research (IST), Genova November 1995 - October 1999 Structural Biology - Bioinformatics

Websites

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- Google Scholar
- PubMed Search
- https://www.researchgate.net/profile/Camillo_Rosano
- https://loop.frontiersin.org/people/158094/overview

Academic Editor on

- Immune response of human cultured cells towards macrocyclic Fe2PO and Fe2PC bioactive cyclophane complexes
 https://doi.org/10.7717/peerj.8956 PubMed 32341898
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- The extent to which cancer patients trust in cancer-related online information: a systematic review
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- Correlation between 18F-FDG maximum standardized uptake value with CD147 expression in lung adenocarcinomas: a retrospective study https://doi.org/10.7717/peerj.7635 PubMed 31565568 August 30, 2019
- The adipokinetic hormones and their cognate receptor from the desert locust, *Schistocerca gregaria*: solution structure of endogenous peptides and models of their binding to the receptor

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- beadplexr: reproducible and automated analysis of multiplex bead assays https://doi.org/10.7717/peerj.5794 PubMed 30479885 September 25, 2018
- In silico study of medical decision-making for rare diseases: heterogeneity of decision-makers in a population improves overall benefit https://doi.org/10.7717/peerj.5677 PubMed 30280044 September 12, 2018
- Multielement analysis of plant extracts with potential use in the treatment of peptic ulcers by synchrotron radiation total reflection X-ray fluorescence https://doi.org/10.7717/peerj.5375 PubMed 30225160 August 15, 2018
- The expression and clinical significance of GADD45A in breast cancer patients https://doi.org/10.7717/peerj.5344 PubMed 30128181 August 10, 2018
- Expression and purification of human diacylglycerol kinase α from baculovirusinfected insect cells for structural studies https://doi.org/10.7717/peerj.5449 PubMed 30128205 July 4, 2018
- Molecular dynamics ensemble refinement of the heterogeneous native state of NCBD using chemical shifts and NOEs https://doi.org/10.7717/peerj.5125 PubMed 30013831 May 23, 2018
- Immunogenicity evaluation of MS2 phage-mediated chimeric nanoparticle displaying an immunodominant B cell epitope of foot-and-mouth disease virus https://doi.org/10.7717/peerj.4823 PubMed 29844975
- May 9, 2018
- Differential expression patterns of housekeeping genes increase diagnostic and prognostic value in lung cancer https://doi.org/10.7717/peerj.4719 PubMed 29761043

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- An update on anticancer drug development and delivery targeting carbonic anhydrase IX https://doi.org/10.7717/peerj.4068 PubMed 29181278 November 17, 2017
- Assessment of perioperative stress in colorectal cancer by use of *in vitro* cell models, a systematic review https://doi.org/10.7717/peerj.4033 PubMed 29158975 September 19, 2017
- Analysis of drug binding pockets and repurposing opportunities for twelve essential enzymes of ESKAPE pathogens https://doi.org/10.7717/peerj.3765 PubMed 28948099 July 20, 2017
- A longitudinal study of the diabetic skin and wound microbiome GeNNet: an integrated platform for unifying scientific workflows and graph databases for transcriptome data analysis https://doi.org/10.7717/peerj.3509 PubMed 28695067 May 17, 2017
- Plastomes of the green algae *Hydrodictyon reticulatum* and *Pediastrum duplex* (Sphaeropleales, Chlorophyceae) https://doi.org/10.7717/peerj.3325 PubMed 28533973