

# Prof. Michele CECCARELLI (EX2013D160895)

Born on

Nationality: Italy

## Area of expertise

11

- Bioinformatics

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- Bioinformatics, biocomputing, and DNA and molecular computation [Biophysics]
- Bioinformatics, e-Health, medical informatics [Computer sciences, information science and bioinformatics]
- Computational Biology
- Computer graphics, computer vision, multi media, computer games [Computer sciences, information science and bioinformatics]
- Data Mining
- E-learning, user modelling, collaborative systems [Computer sciences, information science and bioinformatics]
- Internet and semantic web, database systems and libraries [Computer sciences, information science and bioinformatics]
- Machine learning, statistical data processing and applications using signal processing (e.g. speech, image, video) [Computer sciences, information science and bioinformatics]
- Ontologies, neural networks, genetic programming, fuzzy logic [Computer sciences, information science and bioinformatics]

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- Translational bioinformatics [Computer sciences, information science and bioinformatics]

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## Languages

2

	Basic	Intermediate	Proficient	Mother Tongue
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Italian

English

## Education

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<b>University of Salerno</b> <b>Italy</b>	<b>Computer Science</b> <b>Research Doctoral degree/PhD</b>	1989
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## Personal link

## Personal ID

## Employment history

**2****23 years**

UNIVERSITY OF NAPLES FEDERICO II - Department of Electrical Engineering and Information Technologies Full Professor Italy Research Organisation	10/2019 - current 1+ years
University of Sannio - Science and Technology Professor Italy Higher or secondary education establishment	07/1997 - current 23+ years

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**Publications/books/articles****5**

<b>Automated Identification and Location Analysis of Marked Stem Cells Colonies in Optical Microscopy Images</b> AUTHOR PLoS ONE, 8(12): e80776. <a href="http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0080776">http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0080776</a>	2013
<b>Ensemble of Gene Signatures Identifies Novel Biomarkers in Colorectal Cancer Activated Through PPAR<math>\gamma</math> and TNF<math>\alpha</math> Signaling</b> AUTHOR PLoS ONE, 8(8 ):e72638. <a href="http://dx.doi.org/10.1371/journal.pone.0072638">http://dx.doi.org/10.1371/journal.pone.0072638</a>	2013
<b>Transforming Fusions of FGFR and TACC Genes in Human Glioblastoma</b> CO-AUTHOR Science, 337(6099):1231-1235. <a href="http://www.dsba.unisannio.it/Members/ceccarelli/bibliography/publication_article.2012-07-27.5352896628">http://www.dsba.unisannio.it/Members/ceccarelli/bibliography/publication_article.2012-07-27.5352896628</a>	2012
<b>VegaMC: A R/Bioconductor Package for Fast Downstream Analysis of Large Array Comparative Genomic Hybridization Datasets</b> AUTHOR BIOINFORMATICS, 28(19):2512-2514. <a href="http://bioinformatics.oxfordjournals.org/cgi/content/abstract/bts453?ijkey=yCoFMzIzRzy4OW4&amp;keytype=ref">http://bioinformatics.oxfordjournals.org/cgi/content/abstract/bts453?ijkey=yCoFMzIzRzy4OW4&amp;keytype=ref</a>	2012
<b>Finding recurrent CNAs preserving within-sample homogeneity</b> AUTHOR BIOINFORMATICS, 27(21):2949-2956. <a href="http://dx.doi.org/10.1093/bioinformatics/btr488">http://dx.doi.org/10.1093/bioinformatics/btr488</a>	2011

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**Who can see my profile**

Institutions I agree to work with:

EU institutions and bodies

Other EU Institutions (European Parliament, European Council, Court of Justice of the European Union, European Central Bank, European Investment Bank, European Court of Auditors, European Committee of the Regions, European Economic and Social Committee, ...)

Research funding bodies with a public service mission, based in the EU/EEA countries (other than EU institutions and bodies) or in third countries, associated to Horizon 2020 or to other EU funding programmes, for which the Commission has adopted an adequacy decision

Research funding bodies with a public service mission, which are based in third countries, associated to Horizon 2020 or to other EU funding programmes, for which the Commission has not adopted an adequacy decision<sup>1</sup>

1. An 'adequacy decision' recognises that a third country offers data protection standards equivalent to the ones in the EU/EEA countries. In principle, the transfer of personal data to non-adequate third countries is much more risky compared to EU/EEA countries and adequate third countries. Therefore, given the risks, in the absence of an "adequacy decision", your data may be transferred to a third country if you have provided your explicit consent

I agree to work on :

All programmes and sub-programmes of the above selected EU and non-EU institutions.

#### Additional information

<b>ORCID number</b>	0000-0002-4702-6617
<b>Experience in peer reviews or evaluations (outside the Commission)</b>	I am involved in several evaluation panels, national and international
<b>Experience related to innovation projects</b>	No
<b>Experience in valuing companies</b>	No
<b>Experience in industrial sector</b>	No
<b>Other information</b>	Associate Professor of Bioinformatics, Group Leader of the Bioinformatics LAB at Biogem Research Center.

#### Recent contracts

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**Bookmarks**

Personal Details

Contact details

Languages

Area of expertise

Education

Current Employment

Publications/books/articles

Who can see my profile

Additional information