Curriculum vitae

AL MAGNIFICO RETTORE
DELL'UNIVERSITA' DEGLI STUDI DI MILANO **COD. ID: 5753**

Il sottoscritto chiede di essere ammesso a partecipare alla selezione pubblica, per titoli ed esami, per il conferimento di un assegno di ricerca presso il Dipartimento di Oncologia ed Emato-Oncologia

Responsabile scientifico: Prof. Giuseppe Testa

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Cognome	VITRIOLO
Nome	ALESSANDRO

OCCUPAZIONE ATTUALE

Incarico	**Struttura**
POST-DOC	HUMAN TECHNOPOLE

ISTRUZIONE E FORMAZIONE

Titolo	**Corso di studi**	**Università**	**anno conseguimento titolo**
Laurea Triennale	BIOTECNOLOGIE MOLECOLARI	MILANO BICOCCA	2009
Laurea Magistrale o equivalente	BIOINFORMATICA	MILANO BICOCCA	2013
Dottorato Di Ricerca	MEDICINA DEI SISTEMI	MILANO LA STATALE	2019

LINGUE STRANIERE CONOSCIUTE

lingue	**livello di conoscenza**
INGLESE	C2

PREMI, RICONOSCIMENTI E BORSE DI STUDIO

anno	**Descrizione premio**
2014	SEMM PhD Scholarship **4 years**
2018	Post-doc fellowship FIEO-CCM **12 months**
2022	EMBO Workshop. Timing mechanisms linking development and evolution, **Travel Grant**

2021	EMBL Symposium. Multiomics to Mechanisms: Challenges in Data Integration **Financial Support**
2019	EMBO Workshop. Neuroepigenetics: From Cells to Behaviour and Disease – Virtual. Financial Support

ATTIVITÀ DI FORMAZIONE O DI RICERCA

descrizione dell'attività

ATTIVITÀ PROGETTUALE

Anno	**Progetto**
2014-2019	Multi-omic deconvolution of the regulatory networks underlying neurodevelopmental and autism spectrum disorders
2019-2023	Functional dissection of the molecular underpinnings of 7q11.23 syndromes: bridging pathogenic insight to drug discovery at single cell resolution (Unimi)

TITOLARITÀ DI BREVETTI

Brevetto
PEPTIDI AVENTI ATTIVITÀ AGONISTA NEI CONFRONTI DEL RECETTORE TrkA E/O PEPTIDI AVENTI ATTIVITÀ ANTAGONISTA DI NGF, no. 102016000086689, 2016

CONGRESSI, CONVEGNI E SEMINARI

Data	**Titolo**	**Sede**
26/04/2023	Brain genome: regulation, evolution, and function. **Selected Talk**	EMBL. Heidelberg. Germania
11/04/2023	FANTOM6 Spring Meeting. **Selected Talk**	Human Technopole. Milano. Italia
30/03/2023	Neuroloquia. **Selected Talk**	Human Technopole. Milano. Italia
14/02/2023	HT Seminars. **Selected Talk**	Human Technopole. Milano. Italia
08/09/2022	Neurodevelopmental Disorders Conference **Invited Talk**	Antwerp University. Anversa. Belgio
10/07/2022	FENS Forum 2022. **Invited Talk**	Paris Expo Porte de Versailles. Paris. France
05/07/2022	EpiSyStem: Stem Cell Epigenetics International Conference. **Flashtalk**	University of Milan. Milano. Italia
29/06/2022	EMBO Workshop. Timing mechanisms	EMBL. Barcelona. Spain

	linking development and evolution. **Poster**	
15/09/2021	EMBL: Multiomics to Mechanisms – Challenges in data integration. **Poster**	Virtual EMBL meeting
28/10/2020	Neuroepigenetics: From Cells to Behaviour and Disease – Virtual. **Selected Talk**	Virtual EMBL meeting
March 2020	CONVERGENT MINDDS: Convergence Neuroscience for Neurodevelopmental Disorders. **Invited Talk** *cancelled to COV19*	Leonardo Hotel Conference Suite. Beer Sheva, Israel
31/03/2019	EMBL Symposium: Reconstructing the Human Past - Using Ancient and Modern Genomics so far. **Flash Talk**	EMBL, Heidelberg. Germany
12/04/2018	13th Troina Meeting on Genetics of Neurodevelopmental Disorders. **Invited Talk**	OASI. Troina. EN
27/04/2017	12th Troina Meeting on Genetics of Neurodevelopmental Disorders. **Selected Talk**	OASI. Troina. EN
04/12/2016	Target Validation Using Genomics and Informatics. **Poster**	EMBL, Heidelberg. Germany
13/10/2016	Autumn School on Computational Approaches to Chromatin Organization. **Poster**	Będlewo Palace, Poland
20/04/2016	11th Troina Meeting on Genetics of Neurodevelopmental Disorders. **Selected Talk**	OASI. Troina. EN

PUBBLICAZIONI

Articoli su riviste
Chromatin remodeler Activity-Dependent Neuroprotective Protein (ADNP) contributes to syndromic autism, Clinical Epigenetics, BioMed Central, 2023
Temporal mapping of derived high-frequency gene variants supports the mosaic nature of the evolution of Homo sapiens, Scientific Reports, Nature Publishing Group, 2022
DNA methylation signature for EZH2 functionally classifies sequence variants in three PRC2 complex genes, The American Journal of Human Genetics, Cell Press, 2020

Dosage analysis of the 7q11.23 Williams region identifies BAZ1B as a major human gene patterning the modern human face and underlying self-domestication, Science Advances, American Association for the Advancement of Science, 2019
From enhanceropathies to the epigenetic manifold underlying human cognition, Human Molecular Genetics, Oxford University Press, 2019
The guanine nucleotide exchange factor Arhgef7/βPix promotes axon formation upstream of TC10, Scientific Reports, Nature Publishing Group, 2018
YY1 haploinsufficiency causes an intellectual disability syndrome featuring transcriptional and chromatin dysfunction, The American Journal of Human Genetics, Cell Press, 2017
Theoretical insights into [NiFe]-hydrogenases oxidation resulting in a slowly reactivating inactive state, Journal of Biological Inorganic Chemistry, Springer Berlin Heidelberg, 2017
RNAontheBENCH: computational and empirical resources for benchmarking RNAseq quantification and differential expression methods, Nucleic Acids Research, Oxford University Press, 2016
SPILLO-PBSS: Detecting hidden binding sites within protein 3D-structures through a flexible structure-based approach, Journal of Computational Chemistry, John Wiley & Sons, 2014
C-Terminal acidic domain of ubiquitin-conjugating enzymes: a multi-functional conserved intrinsically disordered domain in family 3 of E2 enzymes, Journal of Structural Biology, Academic Press, 2012
An acidic loop and cognate phosphorylation sites define a molecular switch that modulates ubiquitin charging activity in Cdc34-like enzymes, PLoS computational biology, Public Library of Science, 2011

Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del DPR n. 445/2000.

Il presente curriculum, non contiene dati sensibili e dati giudiziari di cui all'art. 4, comma 1, lettere d) ed e) del D.Lgs. 30.6.2003 n. 196.

RICORDIAMO che **i curricula SARANNO RESI PUBBLICI sul sito di Ateneo** e pertanto si prega di non inserire dati sensibili e personali. Il presente modello è già precostruito per soddisfare la necessità di pubblicazione senza dati sensibili.

Si prega pertanto di **NON FIRMARE** il presente modello.

Luogo e data: Milano, 04/05/2023