



**AL MAGNIFICO RETTORE
DELL'UNIVERSITA' DEGLI STUDI DI MILANO
COD. ID: 3975**

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 Bioscienze, responsabile scientifico il **Prof. Marco Nardini**

**ANTONIO CHAVES SANJUÁN
CURRICULUM VITAE**

INFORMAZIONI PERSONALI

Cognome	Chaves Sanjuán
Nome	Antonio
Data Di Nascita	18/10/1986

OCCUPAZIONE ATTUALE

Incarico	Struttura
Assegnista	Dipartimento di bioscienze (Università degli Studi di Milano)

ISTRUZIONE E FORMAZIONE

Titolo	Corso di studi	Università	anno conseguimento titolo
Laurea Magistrale o equivalente	Bachelor's degree, Chemistry	Universidad de Sevilla (Spain)	2004-2009
Dottorato Di Ricerca	Doctor of Philosophy, Crystallography and crystallization	Universidad Internacional Menéndez Pelayo (Spain)	2009-2014
Master	Master's degree, Crystallography and crystallization	Universidad Internacional Menéndez Pelayo (Spain)	2009-2010

LINGUE STRANIERE CONOSCIUTE

lingue	livello di conoscenza
Spanish	Native
English	Professional working proficiency
Italian	Limited working proficiency



PREMI, RICONOSCIMENTI E BORSE DI STUDIO

anno	Descrizione premio
2017	"Crystallization of Biomolecules" Best Oral Presentation Award Young Researcher (Conference Award, Structural Biology, Under-32, Molecular Dimensions).
2017	José Tormo Award (National Research Award, Structural Biology, Under-33, Bruker).
2015	Assegno di ricerca Post doc-di tipo A Grant (University Post-doc Fellowship) Università degli Studi di Milano, Milano (Italy).
2015	Xavier Solans Award (National Research Award, Structural Biology, Under-36, Bruker).
2009	FPI Grant (National PhD Fellowship) Instituto de Química-Física 'Rocasolano' (CSIC), Madrid (Spain).
2008	JAE Grant (National Research Assistant Fellowship) Instituto de Investigaciones Químicas (IIQ, CSIC), Sevilla (Spain).

ATTIVITÀ DI FORMAZIONE O DI RICERCA

2014-2015 - Postdoctoral Research Fellow. Dipartimento di Bioscienze, Università degli Studi di Milano, Milan (Italy).
2014-2015 - Postdoctoral Research Assistant. Instituto de Química-Física 'Rocasolano', (CSIC), Madrid (Spain).
2009-2014 - PhD Student. Instituto de Química-Física 'Rocasolano', (CSIC), Madrid (Spain).
2008 - Research Assistant. Instituto de Investigaciones Químicas (IIQ, CSIC), Sevilla (Spain).

CONGRESSI, CONVEGNI E SEMINARI

Data	Titolo	Sede
20/12/2017	Structural insights of NF-Y in plants	XXV Workshop. Advances in Molecular Biology by young researchers aboard, Madrid (Spain)
20/11/2017	Optimizing protein/DNA complex crystallization: the case of NF-Y transcription factor.	Italian Crystal Growth 2017, Milan (Italy)
23/10/2017	Phenothiazines regulate synaptic function by interfering the NCS-1/Ric8a complex: An approach for Fragile X Syndrome.	FEBS3+ Barcelona 2017, Barcelona (Spain)
19/7/2015	The structure of the CBL-CIPK pathway: the regulation of Arabidopsis thaliana ion homeostasis Structural basis of the regulatory mechanism of the plant CIPK family of protein kinases controlling ion homeostasis and abiotic stress	XXXV Bienal RSEQ Meeting, A Coruña (Spain)
26/2/2015	Frequenin/NCS-1 as a pharmacological target for synapse regulation in X-linked mental retardation and autism	II Simposio de Jóvenes Investigadores de IQFR, Madrid (Spain)



9/9/2013	The structure of the CBL-CIPK pathway: the regulation of Arabidopsis thaliana ion homeostasis	Meeting of the Italian, Spanish and Swiss Crystallographic Associations. MISSCA 2013, Villa Olmo, Como (Italy)
26/6/2012	Regulation of an Arabidopsis thaliana potassium channel,	XXII Simposio del grupo especializado de cristalografía y crecimiento cristalino, Sevilla (Spain).
26/6/2012	Regulation of an Arabidopsis thaliana potassium channel	XXII Simposio del grupo especializado de cristalografía y crecimiento cristalino, Sevilla (Spain)

PUBBLICAZIONI

Articoli su riviste
A Saponaro, A Porro, A Chaves-Sanjuan , M Nardini, O Rauh, G Thiel, A Moroni (2017) Fusicocin Activates KAT1 Channels by Stabilizing their Interaction with 14-3-3-Proteins. <i>The Plant Cell</i> 29:2570-2580
A Saponaro, A Porro, A Chaves-Sanjuan , M Nardini, C Donadoni, G Thiel, A Moroni (2017) Exploring New Pharmacological Perspectives of Fusicocin, A Stabilizer of 14-3-3 - Target Protein Complex. <i>Biophysical Journal</i> 112 (3), 339a.
N Gnesutta, D Saad, A Chaves-Sanjuan , R Mantovani, M Nardini (2017) Crystal Structure of the Arabidopsis thaliana L1L/NF-YC3 Histone-fold Dimer Reveals Specificities of the LEC1 Family of NF-Y Subunits in Plants. <i>Molecular Plant</i> 10, 645-648.
A Mansilla, A Chaves-Sanjuan* , NE Campillo, O Semelidou, L Martínez-González, L Infantes, J María González-Rubio, C Gil, S Conde, EMC Skoulakis, A Ferrús, A Martínez, MJ Sánchez-Barrena (2017) Interference of the complex between NCS-1 and Ric8a with phenothiazines regulates synaptic function and is an approach for fragile X syndrome. <i>Proceedings of the National Academy of Sciences</i> 114 (6) E999-E1008. *Co-first author
V Nardone, A Chaves-Sanjuan* , M Nardini (2017) Structural determinants for NF-Y/DNA interaction at the CCAAT box. <i>Biochimica et Biophysica Acta (BBA)-Gene Regulatory Mechanisms</i> . 1860, 571-580 *Co-first author
Chaves-Sanjuan A , Sanchez-Barrena MJ, Gonzalez-Rubio JM, Moreno M, Ragel P, Jimenez M, Pardo JM, Martinez-Ripoll M, Quintero FJ and Albert A (2014) Structural basis of the regulatory mechanism of the plant CIPK family of protein kinases controlling ion homeostasis and abiotic stress. <i>Proceedings of the National Academy of Sciences</i> 111 (42) E4532-E4541.
Romero-Pozuelo J, Dason JS, Mansilla A, Baños-Mateos S, Sardina JL, Chaves-Sanjuán A , Jurado-Gómez J, Santana E, Atwood HL, Hernández-Hernández A, Sánchez-Barrena MJ, y Ferrus A (2014) The guanine-exchange factor Ric8a binds to the Ca ²⁺ sensor NCS-1 to regulate synapse number and neurotransmitter release. <i>Journal of Cell Science</i> 127(19): 4246-59.
Baños-Mateos S, Chaves-Sanjuán A , Mansilla A, Ferrús A, Sánchez-Barrena MJ (2014) Frq2 from Drosophila melanogaster: cloning, expression, purification, crystallization and preliminary X-ray analysis. <i>Acta Crystallographica Section F</i> 70: 530-534.
Chaves-Sanjuán A , Sánchez-Barrena MJ, González-Rubio JM, Albert A (2014) Preliminary crystallographic analysis of the ankyrin-repeat domain of <i>Arabidopsis thaliana</i> AKT1:



identification of the domain boundaries for protein crystallization. *Acta Crystallographica Section F* 70: 509-512.

A. C. Sanjuán, M. D. Vergara, M. M. Ripoll, A. A. de la Cruz, M. J. S. Barrena (2011) Regulation of an *Arabidopsis thaliana* potassium channel. *Acta Crystallographica Section A: Foundations and Advances* A67, C349-C349. 2.31 Impact Factor

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.

Luogo e data: Milano, 5/6/18

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