

INFORMAZIONI PERSONALI

Manuel Beltran Nebot, PhD.

ASSEGNO DI RICERCA

Assegno di ricerca n. 2/2020 AR - 15/01/2020

ESPERIENZA
PROFESSIONALE

Jun-2020/Jun-2023

Assegnista di ricerca bando 2/2020

Dept. Biology and Biotechnology C. Darwin, Physiology Department. Rome. Italy

▪ Irene Bozzoni's Laboratory

[Ricerca Biomedica](#)

Apr-2013/Jun-2020

UCL Research Associate

UCL Cancer Institute. University College of London. London. United Kingdom

▪ Richard Jenner's Laboratory

[Biomedical Research](#)

Mar-2011/Mar 2013

EMBO Research fellow

UCL Cancer Institute. University College of London. London. United Kingdom

▪ Richard Jenner's Laboratory

[Biomedical Research](#)

Mar-2006/Dec 2010

ISCIII (Instituto de Salud Carlos III- Ministerio de Salud) Pre-doctoral fellow

IMIM-PRBB. Barcelona. Espana

▪ Antonio Garcia de Herreros Madueno's Laboratory

[Biomedical Research](#)

ISTRUZIONE E FORMAZIONE

2006-2010

Doctorado en Ciencias de la salud y de la vida (PhD)

Universitat Pompeu Fabra. Barcelona, Cataluña, España

"Natural antisense transcripts in epithelial to mesenchymal transition"

Sobresaliente Cum Laude

▪ Antonio Garcia de Herreros Madueno's Laboratory

2006-2006

Diploma de Estudios Avanzados (MA)

Universitat Pompeu Fabra. Barcelona, Cataluña, España

2000-2005

Licenciado en Biología (BsC)

Universitat Pompeu Fabra. Barcelona, Cataluña, España

COMPETENZE PERSONALI

Lingua madre Spagnolo, Catalano

Altre lingue

	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	C1	C1	C1	C1	C1
Italiano	C1	C1	C1	C1	B2
Francese	A2	A2	A1	A1	A1

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato

[Quadro Comune Europeo di Riferimento delle Lingue](#)

ULTERIORI INFORMAZIONI

Pubblicazioni

- Dattilo, Dario; Di Timoteo, Gaia; Setti, Adriano; Giuliani, Andrea; Peruzzi, Giovanna; **Beltran Nebot, Manuel**; Centrón-Broco, Alvaro; Mariani, Davide; Mozzetta, Chiara; Bozzoni, Irene; The m6A reader YTHDC1 and the RNA helicase DDX5 control the production of rhabdomyosarcoma-enriched circRNAs *Nature Communications* 14 1 1898 2023 Nature Publishing Group UK London
- Porter, Hayley; Li, Yang; Neguembor, Maria Victoria; **Beltran, Manuel**; Varsally, Wazeer; Martin, Laura; Cornejo, Manuel Tavares; Pezic, Dubravka; Bhamra, Amandeep; Surinova, Silvia; Cohesin-independent STAG proteins interact with RNA and R-loops and promote complex loading *eLife* 12 e79386 2023 *eLife Sciences Publications, Ltd*
- Tavares, Manuel; Khandelwal, Garima; Muter, Joanne; Viiri, Keijo; **Beltran, Manuel**; Brosens, Jan J; Jenner, Richard G; JAZF1-SUZ12 dysregulates PRC2 function and gene expression during cell differentiation *Cell Reports* 39 9 110889 2022 Cell Press
- Rossi, Francesca; **Beltran, Manuel**; Damizia, Michela; Grelloni, Chiara; Colantoni, Alessio; Setti, Adriano; Di Timoteo, Gaia; Dattilo, Dario; Centron-Broco, Alvaro; Nicoletti, Carmine; Circular RNA ZNF609/CKAP5 mRNA interaction regulates microtubule dynamics and tumorigenicity *Molecular cell* 82 1 75-89. e9 2022 Cell Press
- **Beltran, Manuel**; Rossi, Francesca; Bozzoni, Irene; CircZNF609 as a prototype to elucidate the biological function of circRNA-mRNA interactions *Molecular & Cellular Oncology* 9 1 2055939 2022 Taylor & Francis
- Skalska, Lenka; Begley, Victoria; **Beltran, Manuel**; Lukauskas, Saulius; Khandelwal, Garima; Faull, Peter; Bhamra, Amandeep; Tavares, Manuel; Wellman, Rachel; Tvardovskiy, Andrey; Nascent RNA antagonizes the interaction of a set of regulatory proteins with chromatin *Molecular cell* 81 14 2944-2959. e10 2021 Cell Press
- Rossi, Francesca; Centrón-Broco, Alvaro; Dattilo, Dario; Di Timoteo, Gaia; Guarnacci, Marco; Colantoni, Alessio; **Beltran Nebot, Manuel**; Bozzoni, Irene; CircVAMP3: a circRNA with a role in alveolar rhabdomyosarcoma cell cycle progression *Genes* 12 7 985 2021 MDPI
- **Beltran, Manuel**; Tavares, Manuel; Justin, Neil; Khandelwal, Garima; Ambrose, John; Foster, Benjamin M; Worlock, Kaylee B; Tvardovskiy, Andrey; Kunzelmann, Simone; Herrero, Javier; G-tract RNA removes Polycomb repressive complex 2 from genes *Nature structural & molecular biology* 26 10 899-909 2019 Nature Publishing Group US New York
- Skalska, Lenka; **Beltran-Nebot, Manuel**; Ule, Jernej; Jenner, Richard G; Regulatory feedback from nascent RNA to chromatin and transcription *Nature Reviews Molecular Cell Biology* 18 5 331-337 2017 Nature Publishing Group UK London
- **Beltran, Manuel**; Yates, Christopher M; Skalska, Lenka; Dawson, Marcus; Reis, Filipa P; Viiri, Keijo; Fisher, Cynthia L; Sibley, Christopher R; Foster, Benjamin M; Bartke, Till; The interaction of PRC2 with RNA or chromatin is mutually antagonistic *Genome research* 26 7 896-907 2016 Cold Spring Harbor Lab
- **Beltran, Manuel**; García de Herreros, Antonio; Antisense non-coding RNAs and regulation of gene transcription *Transcription* 7 2 39-43 2016 Taylor & Francis
- **Beltran, Manuel**; Aparicio-Prat, Estel; Mazzolini, Rocco; Millanes-Romero, Alba; Massó, Pere; Jenner, Richard G; Díaz, Víctor M; Peiró, Sandra; de Herreros, Antonio García; Splicing of a non-coding antisense transcript controls LEF1 gene expression *Nucleic Acids Research* 43 12 5785-5797 2015 Oxford University Press
- Dave, Natalia; Guaita-Esteruelas, Sandra; Gutarra, Susana; Frias, Alex; **Beltran, Manuel**; Peiro,

Sandra; de Herreros, Antonio García; Functional cooperation between Snail1 and twist in the regulation of ZEB1 expression during epithelial to mesenchymal transition *Journal of Biological Chemistry* 286 14 12024-12032 2011 Elsevier

- Vinas-Castells, Rosa; **Beltran, Manuel**; Valls, Gabriela; Gomez, Irene; García, José Miguel; Montserrat-Sentís, Bàrbara; Baulida, Josep; Bonilla, Felix; De Herreros, Antonio García; Díaz, Víctor M; The Hypoxia-controlled FBXL14 Ubiquitin Ligase Targets SNAIL1 for Proteasome Degradation 2 *Journal of biological chemistry* 285 6 3794-3805 2010 Elsevier
- **Beltran, Manuel**; Puig, Isabel; Peña, Cristina; García, José Miguel; Álvarez, Ana Belén; Peña, Raúl; Bonilla, Félix; de Herreros, Antonio García; A natural antisense transcript regulates Zeb2/Sip1 gene expression during Snail1-induced epithelial–mesenchymal transition *Genes & development* 22 6 756-769 2008 Cold Spring Harbor Lab

Conferenze Seminari

- CircRNA-mRNA interactions in cancer. SIBBM Rome Italy 2022.
- G-quadruplex RNA evicts PRC2 from chromatin. Cell Symposia: Regulatory RNA. Cell Press. 2019. Germany.
- G-quadruplex RNA evicts PRC2 from chromatin. London RNA Club. London RNA Club. 2019. UK.
- The interaction of PRC2 with RNA or chromatin is mutually antagonistic. Chromatin and Epigenetics. EMBL. 2017. Germany.
- The interaction of PRC2 with RNA or chromatin is mutually antagonistic. Abcam London
- Chromatin Club. Abcam. 2016. UK. The interaction of PRC2 with RNA or chromatin is mutually antagonistic. London RNA Club. London RNA Club. 2014. UK.

Riconoscimenti e premi

- Best article in cooperative research 2008. RTICC (Red Temática de Investigación Cooperativa en Cáncer). Instituto Salud Carlos III

Corsi Certificazioni

- “Where do you draw the line?” University College of London. 2017
- “Unconscious Bias Training” University College of London. 2016
- “Safe handling of unsealed radioactive sources training”. University College of London. 2011
- “Curso de Manipulacion de animales de laboratorio”. Generalitat de Catalunya. 2006.

Dati personali

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

Il sottoscritto dichiara di essere consapevole che il presente *curriculum vitae* sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

Data 12 May 2023

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