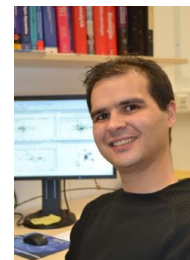


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## Qualifications

Structural Biochemistry, Doctorate, Universidade NOVA de Lisboa  
1 Mar 2008 → 28 Feb 2012  
Award Date: 28 May 2012

Biochemistry, Bachelor, Universidade de Lisboa  
1 Oct 2001 → 20 Sep 2006  
Award Date: 20 Sep 2006

## Employment

### Doctoral Student

Researcher  
DQ - Departamento de Química  
Universidade NOVA de Lisboa  
Portugal  
1 Mar 2008 → 28 May 2012

### Scientific internship

Researcher  
CQFB-REQUIMTE - Centro de Química Fina e Biotecnologia (Lab. Associado REQUIMTE)  
Universidade NOVA de Lisboa  
2 Oct 2006 → 30 Sep 2007

### NOVA.ID - Postdoctoral researcher

Researcher  
UCIBIO - Applied Molecular Biosciences Unit  
Universidade NOVA de Lisboa  
1 Nov 2017 → present

### Researcher

Institute of Physical Biology, Heinrich Heine University, Universitätsstr. 1, 40225 Düsseldorf, Germany.  
15 Sep 2013 → 30 Apr 2017

### Scientific Officer

Fundação para a Ciência e a Tecnologia  
Lisboa, Portugal  
15 May 2012 → 14 Apr 2013

## Research outputs

### Molecular basis for the preferential recognition of $\beta$ 1,3-1,4-glucans by the family 11 carbohydrate-binding module from *Clostridium thermocellum*

Ribeiro, D. O., Viegas, A., Pires, V. M. R., Medeiros-Silva, J., Bule, P., Chai, W., Marcelo, F., Fontes, C. M. G. A., Cabrita, E. J., Palma, A. S. & Carvalho, A. L., Dec 2019, (Accepted/In press) In : FEBS Journal.

### **Diverse specificity of cellulosome attachment to the bacterial cell surface**

Brás, J. L. A., Pinheiro, B. A., Cameron, K., Cuskin, F., Viegas, A., Najmudin, S., Bule, P., Pires, V. M. R., Romão, M. J., Bayer, E. A., Spencer, H. L., Smith, S. P., Gilbert, H. J., Alves, V. D., Carvalho, A. L. & Fontes, C. M. G. A., 7 Dec 2016, In : Scientific Reports. 6, p. 38292

### **Solution structure, dynamics and binding studies of a family 11 carbohydrate-binding module from *Clostridium thermocellum* ( Ct CBM11)**

Viegas, A., Sardinha, J., Freire, F., Duarte, DF., Carvalho, AL., Fontes, CM. G. A., Romão, MJ., Macedo, AL. & Cabrita, EJ., 15 Apr 2013, In : Biochemical Journal. 451, 2, p. 289-300 11 p.

### **Inhibition of ovine in vitro fertilization by anti-Prt antibody: hypothetical model for Prt/ZP interaction**

Pimenta, J., Sardinha, J., Marques, C. C., Domingos, A. I. A. G., Baptista, M. C., Barbas, J. P., Martins, I. C., Mesquita, P., Pessa, P., Soares, R., Viegas, A., Cabrita, E. J. D. S., Horta, E. M. A., Fontes, C. A., Prates, A. M. J. & Pereira, R. MLN., 26 Mar 2013, In : Reproductive Biology and Endocrinology. 11, 11, 25.

### **NMR solution structure and SRP54M predicted interaction of the N-terminal sequence (1-30) of the ovine Doppel protein**

Viegas, A., Sardinha, J. & Cabrita, E. J. D. S., 1 Jan 2013, In : Peptides. 49, NA, p. 32-40

### **Is prnt a pseudogene? identification of ram prt in testis and ejaculated spermatozoa**

Pimenta, J., Domingos, A., Santos, P., Marques, C. C., Cantante, C., Santos, A., Barbas, J. P., Baptista, M. C., Horta, A. E. M., Viegas, A., Mesquita, P., Gonçalves, J., Fontes, C. A., Prates, J. A. M. & Pereira, R. M. L. N., 24 Aug 2012, In : PLoS ONE. 7, 8, e42957.

### ***Escherichia coli* expression, purification, crystallization, and structure determination of bacterial cohesin-dockerin complexes**

Brás, J. L. A., Carvalho, A. L., Viegas, A., Najmudin, S., Alves, V. D., Prates, J. A. M., Ferreira, L. M. A., Romão, M. J., Gilbert, H. J. & Fontes, C. M. G. A., 22 May 2012, In : Methods in Enzymology. 510, p. 395-415 21 p.

### **Platinated DNA affects zinc finger conformation. Interaction of a platinated single-stranded oligonucleotide and the C-terminal zinc finger of nucleocapsid protein HIVNCp7.**

Viegas, A., Erhardt, S., Cabrita, E. J. D. S. & Farrell, N. P., 3 Feb 2012, In : Biochemistry. 51, 8, p. 1752-61

### **Indole based cyclooxygenase inhibitors: synthesis, biological evaluation, docking and NMR screening.**

Estevão, M. S., Carvalho, L. D. C. C. R. D., Freitas, M., Viegas, A., Manso, J., Erhardt, S., Fernandes, E., Cabrita, E. J. D. S. & Marques, M. M. M. S. B., 1 Jan 2012, In : European Journal of Medicinal Chemistry. 54, NA, p. 823-833

### **Binding of ibuprofen, ketorolac, and diclofenac to COX-1 and COX-2 studied by saturation transfer difference NMR.**

Viegas, A., Manso, J., Corvo, M. C., Marques, M. M. M. S. B. & Cabrita, E. J. D. S., 17 Nov 2011, In : Journal Of Medicinal Chemistry. 54, 24, p. 8555-8562

### **Saturation-Transfer Difference (STD) NMR: A Simple and Fast Method for Ligand Screening and Characterization of Protein Binding**

Viegas, A., Manso, J. & Cabrita, E. J. D. S., 18 Apr 2011, In : Journal of Chemical Education. 88, 7, p. 990-994

### **Molecular determinants of ligand specificity in family 11 carbohydrate binding modules - An NMR, X-ray crystallography and computational chemistry approach**

Viegas, A., Brás, N. F., Cerqueira, N. M. F. S. A., Fernandes, P. A., Prates, J. A. M., Fontes, C. M. G. A., Bruix, M., Romão, M. J., Carvalho, A. L., Ramos, M. J., Macedo, A. L. & Cabrita, E. J., 1 May 2008, In : FEBS Journal. 275, 10, p. 2524-2535 12 p.