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## Employment

### Assistant Professor

DQ - Departamento de Química  
Universidade NOVA de Lisboa  
Portugal  
27 Dec 1982 → present

### Researcher

LAQV@REQUIMTE  
Universidade NOVA de Lisboa  
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1 Jan 2020 → present

### Assistant Professor

CQFB-REQUIMTE - Centro de Química Fina e Biotecnologia (Lab. Associado REQUIMTE)  
Universidade NOVA de Lisboa  
11 Aug 1973 → 31 Dec 2014

## Research output

### "PERFIL CURRICULAR" - A DIFFERENT ACADEMIC YEAR IN PORTUGAL

Pereira, J. M. P. L., Alferes, J. J. & Santana, F., Mar 2017.

### Biochemical and spectroscopic characterization of the membrane-bound nitrate reductase from *Marinobacter hydrocarbonoclasticus* 617

Correia, C., Besson, S., Brondino, C. D., González, P. J., Fauque, G., Lampreia, J., Moura, I. & Moura, J. J. G., 1 Nov 2008, In: JBIC Journal of Biological Inorganic Chemistry. 13, 8, p. 1321-1333 13 p.

### A new type of metal-binding site in cobalt- and zinc-containing adenylate kinases isolated from sulfate-reducers *Desulfovibrio gigas* and *Desulfovibrio desulfuricans* ATCC 27774

Gavel, O. Y., Bursakov, S. A., Rocco, G. D., Trincão, J., Pickering, I. J., George, G. N., Calvete, J. J., Shnyrov, V. L., Brondino, C. D., Pereira, A. S., Lampreia, J., Tavares, P., Moura, J. J. G. & Moura, I., 1 May 2008, In: Journal of Inorganic Biochemistry. 102, 5-6, p. 1380-1395 16 p.

### Crystal structure of the 16 heme cytochrome from *Desulfovibrio gigas*: A glycosylated protein in a sulphate-reducing bacterium

Moura, I. M. A. M. G. D., Santos-silva, T. S., Pereira, J. M. P. L. & Romão, M. J., 1 Jan 2007, In: Journal of Molecular Biology. 370, 4, p. 659-673

### Antagonists Mo and Cu in a heterometallic cluster present on a novel protein (orange protein) isolated from *Desulfovibrio gigas*

Bursakov, S. A., Gavel, O. Y., Di Rocco, G., Lampreia, J., Calvete, J., Pereira, A. S., Moura, J. J. G. & Moura, I., 1 Jan 2004, In: Journal of Inorganic Biochemistry. 98, 5, p. 833-840 8 p.

**The isolation and characterization of cytochrome c nitrite reductase subunits (NrfA and NrfH) from *Desulfovibrio desulfuricans* ATCC 27774. Re-evaluation of the spectroscopic data and redox properties**

Almeida, M. G., Macieira, S., Gonçalves, L. L., Huber, R., Cunha, C. A., Romão, M. J., Costa, C., Lampreia, J., Moura, J. J. G. & Moura, I., 1 Oct 2003, In: *European Journal of Biochemistry*. 270, 19, p. 3904-3915 12 p.

**Cytochrome c nitrite reductase from *Desulfovibrio desulfuricans* ATCC 27774. The relevance of the two calcium sites in the structure of the catalytic subunit (NrfA)**

Cunha, C. A., Macieira, S., Dias, J. M., Almeida, G., Gonçalves, L. L., Costa, C., Lampreia, J., Huber, R., Moura, J. J. G., Moura, I. & Romão, M. J., 9 May 2003, In: *Journal of Biological Chemistry*. 278, 19, p. 17455-17465 11 p.

**Production and characterization of a mouse monoclonal antibody against the Gag p26 protein of human immunodeficiency virus type 2: identification of a new antigenic epitope**

Marcelino, J. M., Novo, C., Pereira, J. M., Picotez, F., Clemente, A. & Taveira, N., 1 Sept 2001, In: *AIDS Research and Human Retroviruses*. Vol. 17, n.º 13, p. 1279-1283 5 p.

**Cloning of a novel Mo-Cu containing protein from *Desulfovibrio gigas***

Di Rocco, G., Pereira, A. S., Bursakov, S. A., Gavel, OY., Rusnak, F., Lampreia, J., Moura, J. J. G. & Moura, I., Aug 2001, In: *Journal of Inorganic Biochemistry*. 86, 1, p. 202-202

**Cobalt/Zinc as structural elements of bacterial adenylate kinase**

Bursakov, S. A., Gavel, OY., Di Rocco, G., Lampreia, J., Shnyrov, V. L., George, G. N., Calvete, J. J., Moura, J. J. G. & Moura, I., Aug 2001, In: *Journal of Inorganic Biochemistry*. 86, 1, p. 163-163

**Development of an electrochemical biosensor for nitrite determination**

Almeida, G., Tavares, P., Lampreia, J., Moura, J. J. G. & Moura, I., Aug 2001, In: *Journal of Inorganic Biochemistry*. 86, 1, p. 121-121

**Spectroscopic characterization of the membrane nitrate reductase isolated from *Pseudomonas nautica***

Correia, C., Carneiro, C., Besson, S., Fauque, G., Lampreia, J., Moura, I. & Moura, J. J. G., Aug 2001, In: *Journal of Inorganic Biochemistry*. 86, 1, p. 186-186

**Structural studies on *Desulfovibrio desulfuricans* ATCC 27774 multiheme nitrite reductase - characterization of the subunits**

Gonçalves, L. M. L., Cunha, C., Almeida, G., Macieira, S., Costa, C., Lampreia, J., Romão, M. J., Moura, J. J. G. & Moura, I., Aug 2001, In: *Journal of Inorganic Biochemistry*. 86, 1, p. 316-316

**Crystallization and preliminary X-ray analysis of a membrane-bound nitrite reductase from *Desulfovibrio desulfuricans* ATCC 27774**

Dias, J. M. L., Carlos, C., Teixeira, S. M., Almeida, M. G. M. D., Costa, C., Pereira, J. M. P. L., Moura, J. J. G., Moura, I. M. A. M. G. D. & Romão, M. J., Feb 2000, In: *Acta Crystallographica Section D: Biological Crystallography*. 56, 2, p. 215-217

**Cross-linking between cytochrome  $c_3$  and flavodoxin from *Desulfovibrio gigas***

Correia, C., Monzani, E., Moura, I., Lampreia, J. & Moura, J. J. G., 16 Mar 1999, In: *Biochemical and Biophysical Research Communications*. 256, 2, p. 367-371 5 p.

**Preliminary crystallographic analysis and further characterization of a dodecaheme cytochrome c from *Desulfovibrio desulfuricans* ATCC 27774**

Coelho, A. V., Matias, P. M., Sieker, L. C., Morais, J., Carrondo, M. A., Lampreia, J., Costa, C., Moura, J. J. G., Moura, I. & LeGall, J., 1 Dec 1996, In: *Acta Crystallographica Section D: Biological Crystallography*. 52, 6, p. 1202-1208 7 p.

**Primary structure of desulfoferrodoxin from *Desulfovibrio desulfuricans* ATCC 27774, a new class of non-heme iron proteins**

Devreese, B., Tavares, P., Lampreia, J., Van Damme, N., Le Gall, J., Moura, J. J. G., Van Beeumen, J. & Moura, I., 6 May 1996, In: *FEBS Letters*. 385, 3, p. 138-142 5 p.

**Characterization of representative enzymes from a sulfate reducing bacterium implicated in the corrosion of steel**

Pereira, A. S., Franco, R., Feio, M. J., Pinto, C., Lampreia, J., Reis, M. A., Calvete, J., Moura, I., Beech, I., Lino, A. R. & Moura, J. J. G., 16 Apr 1996, In: Biochemical and Biophysical Research Communications. 221, 2, p. 414-421 8 p.

**SPROUT: 3D Structure Generation Using Templates**

Mata, P., Gillet, V. J., Peter Johnson, A., Lampreia, J., Myatt, G. J., Sike, S. & Stebbings, A. L., 1 Jan 1995, In: Journal Of Chemical Information And Computer Sciences. 35, 3, p. 479-493 15 p.

**Adenylylsulfate reductases from sulfate-reducing bacteria**

Lampreia, J., Pereira, A. S. & Moura, J. J. G., 1 Jan 1994, In: Methods in Enzymology. 243, C, p. 241-260 20 p.

**Primary sequence, oxidation-reduction potentials and tertiary-structure prediction of *Desulfovibrio desulfuricans* ATCC 27774 flavodoxin**

Caldeira, J., Palma, P. N., Regalla, M., Lampreia, J., Calvete, J., Schäfer, W., Legall, J., MOURA, I. & MOURA, J. J. G., 1 Jan 1994, In: European Journal of Biochemistry. 220, 3, p. 987-995 9 p.

**Spectroscopic studies on APS reductase isolated from the hyperthermophilic sulfate-reducing archaeobacterium *Archaeoglobus fulgidus***

Lampreia, J., Fauque, G., Speich, N., Dah1, C., Moura, I., Truper, H. G. & Moura, J. J. G., 27 Nov 1991, In: Biochemical and Biophysical Research Communications. 181, 1, p. 342-347 6 p.

**The active centers of adenylylsulfate reductase from *Desulfovibrio gigas* Characterization and spectroscopic studies**

Lampreia, J., Moura, I., Teixeira, M., Peck, H. D., LeGall, J., Huynh, B. H. & Moura, J. J. G., 1 Jan 1990, In: European Journal of Biochemistry. 188, 3, p. 653-664 12 p.

**ADENYLYL SULFATE (APS) REDUCTASE FROM DESULFOVIBRIO-GIGAS**

Lampreia, J., Moura, I., Fauque, G., Xavier, A. V., LeGall, J., Peck, H. D. & Moura, J. J. G., 1987, In: RECUEIL DES TRAVAUX CHIMIQUES DES PAYS-BAS-JOURNAL OF THE ROYAL NETHERLANDS CHEMICAL SOCIETY. 106, 6-7, p. 234-234

**Awards**

**Redução enzimática do (per)clorato -\*- (Per)chlorate enzymatic reduction**

Costa, M. C. O., Lemos, P. A. D. C., Pereira, J. M. P. L. & Reis, M. D. C. F. M.

Fundação para a Ciência e a Tecnologia

31/12/06 → 30/12/09