

CURRICULUM VITAE

September 2021



Full name Peter Jordan
Date of birth May 14, 1962 in Kleve, Germany
Nationality German

Academic degrees

2009 - Habilitation in Human Genetics, Instituto Nacional de Saúde Doutor Ricardo Jorge, Lisbon, Portugal

1993 - PhD in Biology at the University of Heidelberg, Germany

1989 - MSc in Biology at the University of Bonn, Germany

Current and previous positions

since Aug 2003 **Staff Principal Investigator**

Oct 1999 - Aug 2003 **Invited Investigator**

Oct 1996 - Sep 1999 **Assistant Investigator**

at the Department of Human Genetics, Instituto Nacional de Saúde Doutor Ricardo Jorge, Lisbon, Portugal

Research Interests: Cellular function of human WNK protein kinases; Alternative splicing of the small GTPase Rac1; Molecular and cellular biology of colorectal cancer cells.

Oct 1993 - Sep 1996 **Post-doctoral fellow:** *Spatial organisation of transcription factors in the mammalian cell nucleus*, in the group of Prof. M. Carmo-Fonseca at the Institute of Histology and Embryology, Faculty of Medicine, University of Lisbon, Portugal.

Jun 1993 **PhD degree** in Biology at the University of Heidelberg, DE

Apr 1990 - Feb 1993 **PhD work** on *Identification of phosphoproteins pp100 and pp120, ubiquitous substrates for an ecto-protein kinase*. Department of Pathochemistry at the German Cancer Research Centre, Heidelberg, Germany

Oct 1989 – Mar 1990 **Research fellow** of the Heinrich-Hertz Foundation with Dr. B. Kloareg at the CNRS - Station Biologique de Roscoff, France.

May 1988 – Sep 1989 **Diploma thesis** on *Characterisation of vanadium-dependent bromoperoxidases from the brown alga Laminaria digitata*. Institute of Pharmaceutical Biology at the University of Bonn.

Oct 1982 – Feb 1988 **University student** in Biology at the University of Bonn, DE.

Institutional duties

2017-2023 elected President of the Scientific Council of INSA

Bibliometric data (<https://publons.com/researcher/1672380/peter-jordan/metrics/>)

Publications: 75
h-index: 28
number of citations: 2719
ORCID ID: 0000-0002-1425-9211, Researcher ID G-9335-2012

List of selected publications

- 1) Gonçalves V, Henriques AFA, Matos P, Jordan P (2020). Ibuprofen disrupts a WNK1/GSK3 β /SRPK1 protein complex required for expression of tumor-related splice variant RAC1B in colorectal cells. **Oncotarget** 11, 4421-4437 (doi: 10.18632/oncotarget.27816).
- 2) Loureiro CA, Pinto FR, Barros P, Matos P, Jordan P (2020). A novel SYK/SHC1 pathway regulating the amount of CFTR in the plasma membrane. **Cell Mol Life Sci**, 77, 4997-5015. (doi: 10.1007/s00018-020-03448-4).
- 3) Gonçalves V, Pereira JFS, Jordan P (2018). Signaling Pathways Driving Aberrant Splicing in Cancer Cells. **Genes** 9(1), pii: E9 (doi: 10.3390/genes9010009).
- 4) Jordan P, Goncalves V, Matos P (2016). Targeting the serrated pathway of colorectal cancer with mutation in *BRAF*. **Biochim Biophys Acta- Rev Cancer** 1866, 51-63.
- 5) Gonçalves V, Henriques AF, Pereira JF, Neves-Costa A, Moyer MP, Moita LF, Gama-Carvalho M, Matos P, Jordan P (2014). Phosphorylation of SRSF1 by SRPK1 regulates alternative splicing of tumor-related Rac1b in colorectal cells. **RNA** 20, 474-482.
- 6) Matos P, Kotelevets L, Gonçalves V, Henriques AF, Zerbib P, Moyer MP, Chastre E, Jordan P (2013). Ibuprofen inhibits colitis-induced overexpression of tumor-related Rac1b. **Neoplasia** 15, 102–111.
- 7) Moniz S, Martinho O, Pinto F, Sousa B, Loureiro CA, Oliveira MJ, Moita LF, Honavar M, Pinheiro C, Pires M, Lopes JM, Jones C, Costello JF, Paredes J, Reis RM, Jordan P (2013). Loss of WNK2 expression by promoter gene methylation occurs in a subset of adult gliomas and favours tumour cell invasiveness. **Hum. Mol. Genet.** 22, 84-95.
- 8) Mendes AI, Mascarenhas MR, Matos S, Sousa I, Ferreira J, Barbosa AP, Bicho M, and Jordan P (2011). A WNK4 gene variant relates to osteoporosis and not to hypertension in the Portuguese population. **Mol. Genet. Metab.** 102, 465-469.
- 9) Gonçalves V, Matos P and Jordan P (2009). Antagonistic SR proteins regulate alternative splicing of tumour-related Rac1b downstream of the PI3-kinase and Wnt pathways. **Hum. Mol. Genet.** 18, 3696-3707.
- 10) Gonçalves V, Theisen P, Antunes O, Medeira A, Silva Ramos J, Jordan P and Isidro G (2009). A missense mutation in the APC tumor suppressor gene disrupts an ASF/SF2 splicing enhancer motif and causes pathogenic skipping of exon 14. **Mutat. Res.**, 662, 33-36.
- 11) Matos P, Oliveira C, Velho S, Gonçalves V, da Costa LT, Moyer MP, Seruca R and Jordan P (2008). B-RafV600E cooperates with alternative spliced Rac1b to sustain colorectal cancer cell survival. **Gastroenterology** 135, 899-906.
- 12) Veríssimo F and Jordan P (2001). WNK kinases, a novel protein kinase subfamily in multi-cellular organisms. **Oncogene** 20, 5562-5569.
- 13) Matos P, Skaug J, Marques B, Beck S, Veríssimo F, Gespach C, Boavida MG, Scherer SW and Jordan P (2000). Small GTPase Rac1: structure, localisation and expression of the human gene. **Biochem. Biophys. Res. Commun.** 277, 741-751.