

Curriculum Vitae



- ◆ Name: **Juan Ricardo Rodrigues Henriques.**
- ◆ Date of Birth: 12/10/1976.
- ◆ Status: Single.
- ◆ Languages: portuguese (native), spanish (native), english (advanced), german (elementary).

EDUCATION:

- **Master degree in Clinical Research. University of Sevilla, Spain. 12/2012.**
- **Doctorate degree in Pharmacological Sciences. Central University of Venezuela. 06/07/2007.**
- **Bachelor of Pharmaceutical Sciences. Central University of Venezuela. 06/2001.**

Research Projects:

- ✦ “*Acquired resistance to cancer chemotherapy: down-regulation of plasma membrane permeability to hydrogen peroxide induces multi-drug resistance*”. Group Project of the Science and Technology Foundation (PTDC/QUI/69466/2006). Department of Chemistry and Biochemistry, School of Sciences, University of Lisbon. (2009-2011). Fernando Antunes, Susana Marinho, **Juan Rodrigues**.
- ✦ “*Analysis of the Effectiveness of New Compounds as Inhibitors of Prostate Cancer and Bone Metastases*” Project from the Department of Urology-Uropathology and Berlin Institute for Urological Research. Campus Hospital Charité Mitte. UniversitätsMedizin Berlin, Germany. (2008-2009). REFERAT 414; PKZ: A/07/98623. Claudia Abramjuk, Michael Lein, Florian Jentzmik, **Juan Rodrigues**.
- ✦ “*Evaluation of the oxidative stress in Plasmodium berghei-infected mice. Modification by new compounds with potential antimalarial activity*”. Group Project of Development Centre for Scientific Research. PG-CDCH-06.30.5125-2003 and 2007. Caracas, Venezuela. Neira Gamboa, **Juan Rodrigues**, Margot Ledezma, José N Domínguez.
- ✦ “*Synthesis and evaluation as antimalarials of 3-(2-chloroethyl)-4-chloro-2-methylquinoline derivatives*”. Proyecto de grupo IIF.03-2006. Institute of Pharmaceutical Research. Caracas, Venezuela. Jaime Charris, Gricela Lobo, Neira Gamboa, **Juan R Rodrigues**, José Camacho.
- ✦ “*Effect of Plant derivatives on the endoplasmic reticulum stress, oxidative stress and apoptosis in tumor cell lines*”. Group Project of Development Center for Scientific Research. PG-06-00-5968-2005). **Juan Rodrigues**, Margarita Salazar, Neira Gamboa, Marilú Escorche, Gladis Venegas, Ivonne León.

Job Experience:

- Department of Biochemistry. Faculty of Pharmacy, Central University of Venezuela. **Aggregate Researcher and Professor**. 06/2013-present.
- Department of Toxicological Sciences, Research Institute for Medicines and Pharmaceutical Sciences (iMed), Faculty of Pharmacy, University of Lisbon, Portugal. **Postdoctoral Research Associate and Invited Professor** 05/2012-05/2013.
- Department of Chemistry and Biochemistry. Faculty of Sciences, University of Lisbon. Portugal. **Postdoctoral Research Associate**. 02/2010 – 02/2012.

- Institute for Urological Research. Campus Hospital Charité Mitte. Medical University of Berlin, Germany. **Postdoctoral Research Associate**. 08/2008 – 01/2010.
- Simón Bolívar University. Caracas, Venezuela. Department of Organic Chemistry. **Aggregate Professor**. 04/2007 - 08/2007.
- Faculty of Pharmacy, Central University of Venezuela. Caracas, Venezuela. Cell Culture and Toxicology Department-Preclinical studies. **Instructor Researcher and Professor**. 01/2005 - 01/2007.
- Faculty of Pharmacy, Central University of Venezuela. Caracas, Venezuela. Department of Biochemistry. **Research Assistant**. 04/2002 – 12/2004.
- Faculty of Pharmacy, Central University of Venezuela. Caracas, Venezuela. Department of Food Microbiology. **Assistant in the Laboratory of Food and Medical Microbiology**. 06/2000 – 02/2001.

Research Visits:

- Department of Medical Biochemistry and Biophysics. Karolinska Institutet, Stockholm, Sweden. **Visiting Researcher**. 11/2012 – 12/2012.
- Department of Biochemistry, Institute of Biological Sciences. Federal University of Santa Catarina, Florianópolis, Brasil. **Visiting Researcher**. 02/2012 – 05/2012.
- Research Center for Infectious Diseases. Würzburg, Bayern, Germany. **Visiting Researcher**. 03/2008 – 05/2008.
- Quimbiotec-Pharmaceuticals. Caracas, Venezuela. Department of Clinical Trials. **Monitor of Epidemiological Studies and Clinical Trials**. 09/2007 - 02/2008.
- Laboratory of Tissue Culture and Tumor Biology. Faculty of Sciences, Central University of Venezuela, Caracas. **Visiting Researcher**. 01/2006-09/2006.

Publications in Peer-Reviewed Journals:

1. Rodrigues J, Charris J, Camacho J, Barazarte A, Gamboa N, Nitzsche B, Höpfner, M, Lein M, Jung K, Abramjuk C. **N'-formyl-2-(5-nitrothiophen-2-yl)benzothiazole-6-carbohydrazide as a potential anti-tumor agent for prostate cancer in experimental studies**. *J Pharm Pharmacol*. (2013). 65, 411-422.
2. Rodrigues J, Ferrer R, Gamboa N, Charris J, Antunes F. **Potential antitumor and pro-oxidative effects of (E)-methyl 2-(7-chloroquinolin-4-ylthio)-3-(4-hydroxyphenyl) acrylate (QNACR)**. *J Enzyme Inhib Med Chem*. (2012). In Press. DOI: 10.3109/14756366.2012.736385
3. Rodrigues J, Gamboa N. **Modulation of the oxidative stress in malaria infection by clotrimazole**. *Braz J Pharm Sci*. (2012). 48, 519-528.
4. Rodrigues J, Charris J, Camacho C, Barazarte A, Gamboa N, Antunes F. **Cytotoxic Effects of N'-Formyl-2-(5-nitrothiophen-2-yl)benzothiazole-6-carbohydrazide in Human Breast Tumor Cells by Induction of Oxidative Stress**. *Anticancer Res*. (2012). 32, 2721-2726.
5. Domínguez JN, Gamboa N, Rodrigues J, Acosta ME, Caraballo N, León C. **Synthesis and antimalarial activity of urenyl Bis-chalcone in vitro and in vivo**. *J Enzyme Inhib Med Chem*. (2012). In Press. DOI: 10.3109/14756366.2012.733383
6. Rodrigues J, Charris J, Ferrer R, Gamboa N, Ángel J, Nitzsche B, Hoepfner M, Lein M, Jung K, Abramjuk C. **Effect of quinolinyl acrylate derivatives on prostate cancer in vitro and in vivo**. *Invest New Drugs*. (2011). 30, 1426-1433.
7. Camacho J, Barazarte A, Gamboa N, Rodrigues J, Rojas R, Charris J. **Synthesis and Biological Evaluation of Benzimidazole-5-Carbohidrazide Derivatives as Antimalarial, Cytotoxic and Antitubercular Agents**. *Bioorg Med Chem*. (2011). 19, 2023-2029.

8. Rodrigues J, Lourenco D, Gamboa N. **Disturbance in hemoglobin metabolism and *in vivo* antimalarial activity of azole antimycotics.** *Rev Inst Med Trop São Paulo.* (2011). 53, 25-29.
9. Rodrigues J, Abramjuk C, Vásquez L, Gamboa N, Domínguez J, Nitzsche B, Höpfner M, Georgieva R, Bäumlér H, Stephan C, Jung K, Lein M, Rabien A. **New 4-Maleamic Acid and 4-Maleamide Peptidyl Chalcones as Potential Multitarget Drugs for Human Prostate Cancer.** *Pharm Res.* (2011). 28, 907-919.
10. Barazarte A, Gamboa N, Rodrigues J, Atencio R, González T, Charris J. **Crystal structures of two N-phenylated tricyclic benzothiazines with antimalarial activity.** *J Chem Res.* (2009). 1, 17-9.
11. Ferrer R, Lobo G, Gamboa N, Rodrigues J, Abramjuk C, Jung K, Lein M, Charris J. **Synthesis of [(7-Chloroquinolinyl-4-yl)amino]chalcones: Potential Antimalarial and Anticancer Agents.** *Sci Pharm.* (2009). 77, 725-41.
12. Rodrigues J, Charris J, Dominguez J, Angel J, Gamboa N. **Modification of oxidative status in *Plasmodium berghei*-infected erythrocytes by E-2-chloro-8-methyl-3-[(4'-methoxy-1'-indanoil)-2'-methyliden]-quinoline compared to chloroquine.** *Mem Inst Oswaldo Cruz.* (2009). 104, 6, 1-6.
13. Rodrigues J, Gamboa N. **Effect of dequalinium on the oxidative stress in *Plasmodium berghei*-infected erythrocytes.** *Parasitol Res.* (2009). 104, 1491-6.
14. Domínguez J, León C, Rodrigues J, Gamboa N, Gut J, Rosenthal PJ. **Synthesis of chlorovinyl sulfones as structural analogs of chalcones and their antiplasmodial activities.** *Eur J Med Chem.* (2009). 44, 1457-62.
15. Charris J, Barazarte A, Lobo G, Gamboa N, Rodrigues J, López S, Capparelli M. **Synthesis and antimalarial activity of pyrazolo and pyrimido benzothiazine dioxide derivatives.** *Eur J Med Chem.* (2009). 44, 1303-10.
16. Villamizar J, Pittelaud JP, Rodrigues JR, Gamboa N, Canudas N, Tropper E, Salazar F, Fuentes J. **Synthesis and Antimalarial Activities of Optically Active Labdane-type Diterpenes.** *Nat Prod Res.* (2009). 23, 891-902.
17. Lobo G, Camacho J, Gamboa N, Rodrigues J, Blache Y, Atencio R, González T, Charris J. **Synthesis of 4-chloro-3-(2-chloroethyl)-2-methylquinolines. Evaluation of their potential antimalarial activity *in vitro*.** *Rev Fac Farmacia-UCV.* (2008). 71, 34-41.
18. León C, Domínguez J, Rojas D, Rodrigues J, Gamboa N, Gut J, Rosenthal P, Vásquez L. **Synthesis and Antimalarial Activity of 3-Chloro-2N-Aminosubstituted-1,4-Naphthoquinone Derivatives.** *Rev Inv.* (2008). 64, 189-209.
19. Barazarte A, Camacho J, Domínguez J, Lobo G, Gamboa N, Rodrigues J, Caparelli MV, Álvarez A, Andujar S, Enriz D, Charris J. **Synthesis, antimalarial activity, structure-activity relationship analysis of thieno-[3,2-b]benzothiazine S,S-dioxide analogs.** *Bioorg Med Chem.* (2008). 16, 3661-74.
20. Ruiz Y, Rodrigues J, Arvelo F, Usabillaga A, Monsalve M, Diez N, Galindo-Castro I. **Cytotoxic and apoptosis-inducing effect of ent-15-oxo-kaur-16-en-19-oic acid, a derivative of grandiflorolic acid from *Espeletia Shultzii*.** *Phytochemistry.* (2008). 69, 432-8.
21. Rodrigues J, Gamboa N. **Evaluation of hemoglobin degradation and *in vivo* antimalarial activity of benzimidazole-proton pump inhibitors.** *Arch Venez Med Trop.* (2007). 5, 1, 17-21.
22. Rodrigues J, Gamboa N. **Mebendazole and albendazole as inhibitors of haemoglobinolytic proteases of *Plasmodium berghei*.** *Arch Venez Med Trop.* (2007). 5, 1, 11-6.
23. Charris J, Solana M, Domínguez J, Lobo G, Barazarte A, Gamboa N, Rodrigues J, Monasterios M, Angel J, Migliore B. **Synthesis and evaluation as antimalarials of thieno-[2,3-b]quinoline-3-carboxylic acid derivatives.** *Ciencia.* (2007). 15, 109-19.
24. Zareef M, Iqbal R, Gamboa N, Rodrigues J, Zaidi J, Arfan M, Supuran C. **Synthesis and antimalarial activity of novel chiral and achiral benzenesulfonamides bearing 1, 3, 4-oxadizole moieties.** *J Enzyme Inhib Med Chem.* (2007). 22, 301-8.
25. Charris J, Barazarte A, Domínguez J, Lobo G, Camacho J, Ferrer R, Gamboa N, Rodrigues J, Capparelli M. **Synthesis and antimalarial activity of ethyl 3-amino-4-oxo-9-(phenylsubstituted)thieno-[2,3-b]quinoline 2-carboxylate derivatives.** *J. Heterocyclic Chem.* (2007). 44, 1.

26. Charris J, Barazarte A, Ferrer R, Camacho J, Gamboa N, Rodrigues J, Atencio R, González T. **Synthesis and crystal structure of ethyl 7-chloro-3-amino-9-(4-bromophenyl)thieno-[3,2-b]benzothiazine 4,4-dioxide 2-carboxylate.** *J Chem Res.* (2007). 836, 836-8.
27. Charris J, Barazarte A, Domínguez J, Lobo G, Gamboa N, Rodrigues J, Angel J. **Synthesis and antimalarial activity of (E) 2-(2-quinolinylmethyliden)-5,7-dimethoxyindanones.** *Lett Drug Design Discovery.* (2007). 4, 49-54.
28. Rodrigues J, Gamboa N. **Plasmodium berghei: in vitro and in vivo activity of Dequalinium.** *Exp Parasitol.* (2007). 115, 19-24.
29. León C, Rodrigues J, Gamboa , Charris J, Gut J, Rosenthal P, Domínguez J. **Synthesis and evaluation of Sulfonylurea Derivatives as novel antimalarials.** *Eur J Med Chem.* (2007). 42, 735-42.
30. Charris J, Camacho J, Ferrer R, Lobo G, Barazarte A, Gamboa N, Rodrigues J, López S. **A convenient route to 2-substituted benzothiazole -6-carboxylic acids using nitrobenzene as oxidant.** *J Chem Res.* (2006). Dec, 769-70.
31. Domínguez J, León C, Rodrigues J, Gamboa N, Charris J, Gut J, Rosenthal P. **Synthesis and antimalarial activity of new isoflavone derivatives.** *Rev Inv.* (2006). 60, 67-81.
32. Charris J, Domínguez J, Gamboa N, Rodrigues J, Ángel J. **Synthesis, ¹H-NMR and ¹³NMR Spectral Characterization of Some Ethyl 3-Amino-9-MethylThieno[2,3-b]-4-Quinolone-2-Carboxylates as Potential Antimalarial Agents.** *Heterocyclic Commun.* (2005). 11, 419-22.
33. Charris J, Domínguez J, Gamboa N, Rodrigues J, Ángel J. **Synthesis and Antimalarial Activity of E-2-Quinoliny-BenzocycloAlcanones.** *Eur J Med Chem.* (2005). 40, 875-81.
34. Domínguez J, León C, Rodrigues J, Gamboa N, Gut J, Rosenthal P. **Synthesis and Antimalarial Activity of PhenylSulphonilAmido Chalcones.** *Il Farmaco.* (2005). 60, 307-11.
35. Domínguez J, León C, Rodrigues J, Gamboa N, Gut J, Rosenthal P. **Synthesis and Evaluation of New Antimalarial PhenylUrenyl Chalcone Derivatives.** *J Med Chem.* (2005). 48, 3654-8.

Abstracts in Congresses and Conferences (last 6 years):

11th International Conference of Mercury as a Global Pollutant. Edinburgh, Scotland. 07/2013. **"Effect of co-exposure to mercury compounds and selenium on the activity and expression of the thioredoxin system on HEPG2 cells"**. Branco V, Santos AG, Rodrigues J, Canário J, Gonçalves J, Lu J, Holmgren A, Carvalho C.

Updates in Oncology 2012. First Congress of CIMAGO. Coimbra, Portugal. 01/2012. **"Effects of (E)-methyl-2-(7-chloroquinolin-4-ylthio)-3-(4-hydroxyphenyl) acrylate (QNACR) on the antioxidant pathways in human breast cancer cells"**. Juan Rodrigues, Jaime Charris, Fernando antunes.

Updates in Oncology 2012. First Congress of CIMAGO. Coimbra, Portugal. 01/2012. **"Evaluation of N²-formyl-2-(5-nitrothiophen-2-yl) benzothiazole-6-carbohydrazide on prostate cancer cell viability, angiogenesis, clonogenic potential and tumor xenografts"**. Juan Rodrigues, Jaime Charris, Juan Camacho, Arthur Barazarte, Neira Gamboa, Bianca Nitzsche, Michael Hopfner, Michael Lein, Kalus Jung, Claudia Abramjuk.

Updates in Oncology 2012. First Congress of CIMAGO. Coimbra, Portugal. 01/2012. **"Potential antitumor and pro-oxidative effects of (E)-methyl-2-(7-chloroquinolin-4-ylthio)-3-(4-hydroxyphenyl) acrylate (QNACR) in human breast cancer cells"**. Juan Rodrigues, Jaime Charris, Fernando antunes.

XVII Portuguese Congress of Biochemistry. Oporto, Portugal. 12/2010. Portuguese Society of Biochemistry. **"Pro-oxidative effects of the benzothiazole [N²-formyl - 2 - (5 - nitrothiophen - 2 - yl) benzothiazole - 6 -carbohydrazide] in human breast cancer cells"**. Juan Rodrigues, Jaime Charris, Fernando Antunes.

XVII Portuguese Congress of Biochemistry. Oporto, Portugal. 12/2010. . Portuguese Society of Biochemistry. **"Effect of new 4-maleamic acid and 4-maleamide peptidyl chalcones on matrix**

metalloproteinases in vitro and angiogenesis in vivo as new possible antitumor agents". Juan R Rodrigues, Claudia Abramjuk, Bianca Nitzsche, Michael Höpfner, Luis Vásquez, Neira Gamboa, José Domínguez, Klaus Jung, Michael Lein.

XVII Portuguese Congress of Biochemistry. Oporto, Portugal. 12/2010. . Portuguese Society of Biochemistry. ***"Inhibition of cell attachment, migration and invasion by (E)-methyl 2-(7-chloroquinolin-4-ylthio)-3-(4 hydroxyphenyl) acrylate in human prostate tumor cells"***". Juan Rodrigues, Claudia Abramjuk, Jaime Charris, Michael Lein, Klaus Jung.

18th Italian-Latinoamerican Ethnomedicinal Congress. La Habana, Cuba. 09/2009. ***"Antineoplastic activity of Cestrum buxifolium Kunth aqueous extract in prostate cancer in vitro"***". Ciangherotti Carlos, Rodrigues Juan, Abramjuk Claudia, Jung Klaus, Lein Michael.

15th International AEK Cancer Congress. Berlin, Germany. 03/2009. German Urology Foundation. ***"In vitro and in vivo antitumor activity of 4-amine chalcone derivatives"***". Rodrigues Juan, Gamboa Neira, Vásquez Luis, Domínguez J, Abramjuk Claudia, Lein Michael.

Brazilian Symposium on Medicinal Chemistry. Recife, Brazil, 11/2008. Sociedade Brasileira de Química Medicinal. ***"Synthesis and antimalarial activity of side modified 7-chloro-4-sulfidequinoline derivatives"***". Charris J, Ferrer R, Gamboa N, Rodrigues J, González T, Atencio R.

17th Italian-Latinoamerican Ethnomedicinal Congress. Palermo, Italy. 09/2008. ***"Inhibition of globinolytic proteases by kaurenoic derivatives from Espeletia Schultzei"***". Rodrigues Juan, Monsalve María, Usubillaga Alfredo, Gamboa Neira.

17th Italian-Latinoamerican Ethnomedicinal Congress. Palermo, Italy. 09/2008. ***"Effect of a kaurenoic analog on prostate tumor cell growth and caspase-3 activity"***". Ruíz Yarimar, Rodrigues Juan, Monsalve María, Usubillaga Alfredo, Arvelo Francisco, Diez Nardy, Galindo Iván.

17th Italian-Latinoamerican Ethnomedicinal Congress. Palermo, Italy. 09/2008. ***"Cytotoxicity and DNA fragmentation of a kaurenoic analogue in prostate tumor cells"***". Ruíz Yarimar, Rodrigues Juan, Monsalve María, Usubillaga Alfredo, Arvelo Francisco, Diez Nardy, Galindo Iván.

17th Italian-Latinoamerican Ethnomedicinal Congress. Palermo, Italy. 09/2008 ***"Cytotoxic activity of 15-oxo-kaur-16,17-epoxi-19-oic acid in breast tumor cells"***". Rodrigues Juan, Monsalve María, Usubillaga Alfredo, Arvelo Francisco.

XVIII Latinoamerican Congress of Parasitology. Margarita, Venezuela. 10/2007. Latinoamerican Society of Parasitology. ***"Effects of clotrimazole on the total superoxide dismutase activity of Plasmodium berghei-infected erythrocytes"***". Rodrigues Juan, Ledezma Margot, Gamboa Neira.

XVIII Latinoamerican Congress of Parasitology. Margarita, Venezuela. 10/2007. Latinoamerican Society of Parasitology. ***"Modification of the catalase activity of Plasmodium berghei-infected erythrocytes by chloroquine treatment"***". Rodrigues Juan, Gamboa Neira.

XVIII Latinoamerican Congress of Parasitology. Margarita, Venezuela. 10/2007. Latinoamerican Society of Parasitology. ***"Inhibition of the hexose-phosphate shunt by chloroquine in the malaria infection"***". Rodrigues Juan, Gamboa Neira.

I International Seminars in Malaria. Caracas, Venezuela. 06/2007: ***"Effect of 2-methyl-aryl-thiene-quinolone derivatives on the superoxide dismutase activity of Plasmodium berghei-infected erythrocytes"***". Rodrigues Juan, Gamboa Neira.

I Latinoamerican Meeting in Medicinal Chemistry. Caracas, Venezuela. 04/2007. Latinoamerican Society of Medicinal Chemistry. ***"Synthesis of 4(arylvinylacetyl)-phenylamine-7-chloro-quinoline derivatives. Evaluation of the antimalarial activity"***". Ferrer R, Charris J, Camacho J, Lobo G, Barazarte A, Gamboa N, Rodrigues Juan.

Student Co-Supervisorships:

- ✦ Rodrigues Andreia. ***"Effect of Mercurial and New Chelate Compounds on Human Thioredoxin System"***. 11/2012. Master Degree in Pharmaceutical Chemistry. University of Lisbon.
- ✦ Guerra Inês. ***"Effect of Mercurial and Selenium Compounds on Human Thioredoxin System"***. 11/2012. Master Degree in Food Quality Assurance. University of Lisbon.

Conferences and Lecturers as Invited Scientist/Professor:

- ✦ **“Laboratory of Toxicology”**.
Determination of Ethanol in blood samples, hemoglobin alterations by CO intoxication, coproporphyrins in urine by heavy metal intoxication, cholinesterase and pesticide determinations in environmental samples. School of Pharmacy. University of Lisbon, Portugal.
02/2013-04/2013.
- ✦ **“Mechanisms of Action in Toxicology ”**.
School of Pharmacy. University of Lisbon, Portugal.
02/2013.
- ✦ **“Pharmacological and Toxicological Effects of New Quinoline, Chalcone and Azole Compounds”**.
Department of Toxicology, BASF-The Chemical Company, Mannheim, Germany.
05/2010
- ✦ **“Antitumor Activity of Synthetic and Natural Products”**.
Institute for Pharmaceutical Research, Caracas, Venezuela.
06/2009.
- ✦ **“Evaluation of the Possible *In Vitro* and *In Vivo* Antitumor Activity of New Natural and Synthetic Products from Venezuela”**.
Klinik für Urologie, Charité Campus Mitte, Berlin, Germany.
- ✦ **“Nucleic acids as targets for new developments in medicinal chemistry”**.
School of Pharmacy. Central University of Venezuela.
12/2007.
- ✦ **“Genetic toxicology”**.
School of Pharmacy. Central University of Venezuela.
12/2007.
- ✦ **“Toxicology of Heavy Metals”**.
School of Medicine. Central University of Venezuela.
03/2007.
- ✦ **“Pharmacology and toxicology of non-steroid anti-inflammatory and analgesic drugs”**.
School of Medicine. Central University of Venezuela.
02/2007.
- ✦ **“Endoplasmic reticulum: physiology, pathophysiology, pharmacology and toxicology”**.
School of Pharmacy. Central University of Venezuela.
07/2006.
- ✦ **“Malaria treatment: present and future”**.
School of Pharmacy. Central University of Venezuela.
06/2004.

Courses:

- “German as a Foreign Language”. 05/2008-05/2009. All on Board Language School. Berlin, Germany
- “German as a Foreign Language”. 11/2007-02/2008. Goethe Institute. Caracas, Venezuela.
- “Training in Clinical Trials”. 11/2007. Venezuelan Institute of Scientific Research. Caracas, Venezuela.
- “Management in Pharmaceutical Industries”. 6/2006. School of Pharmacy, Central University of Venezuela.
- “Laboratory of Endocrinology”. 5/2005. Medical Doctors School. Caracas, Venezuela.

"Infectious diseases: diagnosis, epidemiology and immunology". 12/2004. Institut of Biomedicine, School of Medicine, Central University of Venezuela.

"Rational use of Antimicrobial Agents". 6/2004. Intercontinental Hotel, Maracaibo. Venezuela. Sociedad Venezolana de Infectología.

"PCR in Diagnosis of Genetic and Infectious Diseases". 4/2004. School of Pharmacy, Central University of Venezuela.

"Official of Radiological Security". 9/2003. Department of Physics. Venezuelan Institute for Scientific Research. Caracas, Venezuela.

"Clinical Research". Caracas, Venezuela. 4/2002 School of Pharmacy, Central University of Venezuela.

"English as a Foreign Language". Caracas, Venezuela. 1994-1997. Venezuelan-American Center.

Awards, Merits and Referee:

- Referee for the Group Project PG: 06-883-2013/1. Centre for Scientific and Humanistic Development, (CDCH), Central University of Venezuela, Caracas, Venezuela.

- Award from the Portuguese Society of Breast Cancer for the study:

"Cytotoxic Effects of N'-Formyl-2-(5-nitrothiophen-2-yl)benzothiazole-6-carbohydrazide in Human Breast Tumor Cells by Induction of Oxidative Stress". *Anticancer Res.* (2012). 32, 2721-2726.
Rodrigues J, Charris J, Camacho C, Barazarte A, Gamboa N, Antunes F.

- Scholarship REUNI (Visiting Scientist). Federal University of Santa Catarina. Florianópolis, Brazil. (2012).
- Scholarship for Master studies in Clinical Research. University of Sevilla, Spain. (2011-2012).
- Top 10 articles published in the oxidative stress-medicinal chemistry domain (06/2009-12/2010). www.BioMedLib.com:

- Rodrigues J, Charris J, Domínguez J, Angel J, Gamboa N: **Modification of oxidative status in Plasmodium berghei-infected erythrocytes by E-2-chloro-8- methyl- 3-[(4'-methoxy-1'-indanyl)-2'-methyliden]-quinoline compared to chloroquine.** *Mem Inst Oswaldo Cruz*, 2009 Sep;104:865-70.

- Rodrigues JR, Gamboa ND: **Effect of dequalinium on the oxidative stress in Plasmodium berghei-infected erythrocytes.** *Parasitol Res*; 2009 Jun;10:1491-6

- Scholarship from Portuguese Science and Technology Foundation (FCT) for Post-Doctorate. (02/2010-02/2012).
- Max-Gruban Award for the study: **"Effect of Chalcones in Uro-oncology"**. Foundation for Urological Research, Germany.
Rodrigues Juan, Abramjuk Claudia, Lein Michael, Jentzmik Florian. (2009).
- Max-Gruban Award for the research: **"Studies on the Effect of Chalcones as Inhibitors of Bone Metastasis in Prostate Cancer"**. Foundation for Urological Research, Germany.
Rodrigues Juan, Abramjuk Claudia, Lein Michael, Jentzmik Florian. (2008-2009).
- Editor of the Journals:
 - **Journal of Chemistry.** (2012). ISSN: 2090-9063
 - **Medical Practice and Reviews.** (2009). ISSN 2141-2596
 - **Journal of Developmental Biology and Tissue Engineering (JDBTE).** (2010). ISSN: 2141-2251.
- Referee of the Journals:

(2009):

- Saudi Medical Journal (pISSN = 0379-5284).
 - Original paper 2009/1318.
 - Original paper 2009/0096.
- Experimental Parasitology (pISSN = 0014-4894).
 - Original paper EP-09-78R2
- Journal of Enzyme Inhibition and Medicinal Chemistry (pISSN = 1475-6366).
 - Original paper ID GENZ-2009-0221

(2010):

- Journal of Infectious Diseases and Immunity (pISSN = 2141-2375).
 - Original paper JIDI-10-004
- Saudi Medical Journal (pISSN = 0379-5284).
 - Original paper 2010/2680
 - Original paper 2010/3261
- Journal of Toxicology and Environmental Health Sciences (pISSN = 2006-9820).
 - Original paper JTEHS-10-022
- African Journal of Pharmacy and Pharmacology (pISSN = 1996-0816).
 - Original paper (AJPP-10-169)
- International Journal of Medicine and Medical Sciences (pISSN: 2006-9723).
 - Original paper (IJMMS-10-142)

(2011):

- African Journal of Food Science and Technology (pISSN: 2141-5455).
 - Original paper (IJFST-11-001).
- Journal of Medicine and Medical Sciences.
 - Original paper (JMMS-11-013).
- International Research Journal of Plant Science (pISSN: 2141-5447).
 - Original paper (IRJPS-11-032).
- Pharmacological Research (pISSN: 1043-6618).
 - Original paper (YPHRS-D-11-00151).
- International Research Journal of Biotechnology (pISSN: 2141-5153).
 - Original paper (IRJOB-11-019).
 - Review (IRJOB-11-031)
- Journal of Medicinal Plants Research (pISSN: 1996-0875)
 - Review (JMPPR-11-628)
- International Journal of Fisheries and Aquaculture (pISSN: 2006-9839)
 - Original paper (IJFA-11-075).

(2012):

- Journal of Chemistry. (pISSN: 2090-9063).
 - Original paper (219260).
- Current Topics in Medicinal Chemistry (pISSN: 1568-0266).
 - Original paper (31072012, *special issue of "Synthetic, natural and related compounds: new approach to chronic diseases studies"*).

(2013):

- Medicinal Chemistry. (pISSN: 1573-4064).
 - Original paper (ITS/04/PD-02).
 - Journal of Chemistry. (pISSN: 2090-9063).
 - Original paper (404279).
- Award of the Best Doctorate Thesis in Pharmacology. School of Pharmacy, Central University of Venezuela. (2006-2008).
 - Scholarship from the German Academic Exchange Service (DAAD) for Post-Doctorate. (2008-2009)
 - Scientist Level II. Program for the Promotion of the Researchers, Venezuela. (2008-2010).
 - Award for Excellence in PhD Thesis: *Evaluation of the oxidative stress in Plasmodium berghei Infection. Modification by New compounds with potential activity.* School of Pharmacy, Central University of Venezuela. (2007)
 - Award for the Best study in Medicinal Chemistry: *"Synthesis of (arilvynilacetyl)-phenylamine-7-chloro-quinoline derivatives. Evaluation of the antimalarial activity"*. Ferrer R, Charris J, Camacho J, Lobo G,

Barazarte A, Gamboa N, **Rodrigues Juan**. XII Scientific Congress of the School of Pharmacy. Caracas, Venezuela. (11/2006).

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