

**FORMATO EUROPEO
PER IL
CURRICULUM
VITAE**



ISTRUZIONE E FORMAZIONE

03/2017 – 06/2021 **Dottorato di ricerca in Scienze (Biochimica)**

Università Federale del Rio Grande do Sul – Brasile con
Internship/Sandwich presso Università Degli Studi di
Perugia

Tesi: Evaluation of the effect of intracerebroventricular administration of
methylglyoxal on hippocampal glial function and behavior.

08/2014 – 12/2016 **Laurea Magistrale in Scienze (Biochimica)**

Università Federale del Paraná – Brasile

Tesi: Behavioral phenotyping of MPTP-treated rats: a model of the early
phase of parkinson's disease.

03/2010 – 03/2014 **Laurea in Chimica**

Università Federale di Santa Maria – Brasile

**CAPACITÀ E COMPETENZE
PERSONALI**

LINGUE

Portoghese (Madrelingua)
Inglese (Livello B2)
Italiano (Livello C1)

**CAPACITÀ E COMPETENZE
TECNICHE**

Attrezzature specifiche: Conoscenza approfondita delle tecniche e delle attrezzature di laboratorio chimico e biochimico e in particolare Western blotting, Elisa, PCR, immunoistochimica, immunofluorescenza e coltura cellulare.

Esperienza con la manipolazione e la chirurgia stereotassica sugli animali da laboratorio (topi e ratti); ampia conoscenza delle tecniche per la valutazione della memoria (Novel Object Recognition Test, Y maze test) e altre tecniche comportamentali (Elevated Plus Maze, Open field).

Informatiche (Applicazioni e programmi conosciuti): Office, ImageJ, Gradhpad prism, Photoshop.

**ESPERIENZE
LIVELLO ACADEMICO**

Esperienza in scrittura scientifica, formazione e supervisione di studenti, meeting scientifici, redazione scientifica, conferenze nazionali ed internazionali e una vasta conoscenza di dati scientifici e statistici.

Esperienza come insegnanti volontario nella disciplina di chimica all'esame di ammissione all'università.

Insegnanti di Ripetizioni nelle Materie Scientifiche e Portoghese (Medie e Superiori).

Insegnanti nella disciplina di chimica nei corsi di educazione di giovani e adulti.

**CAPACITÀ E COMPETENZE
ORGANIZZATIVE E
RELAZIONALI**

Buone capacità di comunicazione e organizzazione. Elevata capacità di lavorare in modo indipendente o in gruppo, costruire relazioni e lavorare con scadenze.

ARTICOLI PUBBLICATI

Lissner, LJ; Borba, E Rodrigues, L; Wartchow, KM; Bobermin, LD; Hansen, F; Gonçalves, CA. Methylglyoxal induces impairment Blood-brain barrier integrity and affects Nfr2/HO-1 signaling (Submitted to Neurotoxicity Research, 2022).

Lissner, LJ; Machado, MMF; Pochapski, JA; Sugi, AH; Pulido, LN; Martynhak, BJ; Da Cunha, C. Automated rodent behavioral assessment using EthoVision software and Catwalk. (Submitted to Journal of Biosciences, 2022).

Lissner, LJ; Wartchow, KM; Toniazzo, AP; Gonçalves, CA; Rodrigues, L. Object recognition and Morris water maze to detect cognitive impairment from mild hippocampal damage in rats: A reflection based on the literature and experience. Pharmacology, Biochemistry and Behavior, 2021.

Lissner, LJ; Rodrigues, L; Wartchow, KM; Borba, E; Bobermin, LD; Fontella, FU; Hansen, F; Quincozes-santos, A; Souza, DO; Gonçalves, CA. Short-Term Alterations in Behavior and Astroglial Function After Intracerebroventricular Infusion of Methylglyoxal in Rats. Neurochemical research, 2021.

Bobermin, LD; Quincozes-santos, A; Santos, CL; Varela, APM; Teixeira, TF; Wartchow, KM; **Lissner, LJ;** Da Silva, A; Thomaz, NK; Santi, L; Beys-da-Silva, WO; Roehe, PM; Sesterheim, P; Guimarães, JA. Gonçalves, CA; Souza, DO. Zika virus exposure affects neuron-glia communication in the hippocampal slices of adult rats. Scientific Reports, 2020.

Wartchow, KM; Rodrigues, L; **Lissner, LJ;** Federhen, BC; Selistre, NG; Moreira, A; Gonçalves, CA; Sesterheim, P. Insulin-producing cells from mesenchymal stromal cells: Protection against cognitive impairment in diabetic rats depends upon implant site. Life sciences, 2020.

Nogara, PA.; Saraiva, R; Bueno, DC.; Corte, CD.; Rosemberg, D; Rocha, JBT; **Lissner, LJ.** Virtual screening of acetylcholinesterase inhibitors using the five lipinski's rule and zinc databank. Journal of biomedicine and biotechnology, 2014.

Lissner, LJ; Rodrigues, L; Wartchow, KM; Borba, E; Bobermin, LD; Hansen, F; Gonçalves, CA. Short-term alterations in behavior and astroglial function after ICV infusion of methylglyoxal in rats. 3rd Symposium on Physiology and pathology of neuroglia, Querétaro, 2020.

Lissner, LJ; Rodrigues, L; Wartchow, KM; Borba, E; Hansen, F; Gonçalves, CA. Short-Term Alterations in Behavior and Astroglial Function After Intracerebroventricular Infusion of Methylglyoxal in Rats. XLIII Reunião Anual da SBNeC - Online, São Paulo, 2020.

Wartchow, KM; Rodrigues, L; **Lissner, LJ**; Selistre, NG; Moreira, A; Gonçalves, CA; Sesterheim, P. Insulin-Producing Cells Differentiated from Adipose Mesenchymal Stem Cells Neuroprotection Strategy in Diabetic Rats. 18th World Congress Insulin Resistance, 2020.

Rodrigues, L; **Lissner, LJ**; Borba, E; Wartchow, KM; Bobermin, LD; Gonçalves, CA. Methylglyoxal acutely affect hippocampal astrocytes resulting in blood-brain barrier impairment. 3rd Symposium on Physiology and Pathology of Neuroglia, Querétaro, 2020.

Lissner, LJ; Rodrigues, L; Wartchow, KM; Borba, E; Federhen, BC; Suardi, LZ; Toniazzi, AP; Gonçalves, CA. Novel recognition test and Morris water maze: are there difference in the response to stress? X Oficina de Neurociências, Porto Alegre, 2018.

Lissner, LJ; Rodrigues, L; Wartchow, KM; Borba, E; Suardi, LZ; Federhen, BC; Selistre NG; Borba, E; Gonçalves, CA. Toxicity of streptozotocin on hippocampal bdnf and cerebrospinal fluid S100B levels. 47^a Reunião Anual da Sociedade Brasileira de Bioquímica e Biologia Molecular, Joinville, 2018.

Ramos A; **Lissner LJ**; Santos MM; Santos R; Pavin SS; Pereira, SMPD; Barbosa NBV. Antioxidant activity in vitro of Leaves and Peel Ethanolic Extracts from Caryocar coriaceum Wittm. 43^a Reunião Anual da SBBq, Foz do Iguaçu, 2014,

Lissner LJ; Rocha JBT. Effect cholinesterase inhibitors in cockroach (nauphoeta cinerea): 1st Latin American Congress of Clinical and Laboratorial Toxicology, Porto Alegre, 2014.

Lissner LJ; Rocha JBT. Inhibition of cockroach (nauphoeta cinerea) cholinesterase by metamidophos administration. 43^a Reunião Anual da SBBq, Foz do Iguaçu, 2014.

Saraiva RA; Veras HNH.; Nogara PA; **Lissner LJ**; Rocha JBT. Modulatory Antibiotic Effect of Organo chalcogens Diphenyl Diselenide and Diphenyl Ditelluride When Combined with Penicillin Derivatives against in Vitro Multi-Resistant Bacterial Strains. 43^a Reunião Anual da SBBq, Foz do Iguaçu, 2014.

Saraiva RA; **Lissner LJ**; Nogara PA; Figuera RW; Rocha JBT. Cation- π interactions between arylselenocompounds and metallothioneins allow cysteinyl oxidation and zinc release: an in silico molecular modeling

approach. In: 2nd Ibero-American Meeting on Toxicology and Environmental Health (IBAMTOX), Ribeirão Preto, 2013.

Lissner LJ; Nogara PA; Weber A; Zanatta N; Rocha JBT. Docking molecular in silico da interação entre os enantiômero(r,s)-6-(4-fluorfenil)-4-(trifluormetil)-3-metil-2-(metilsulfanil)-3,4-diidropirimidin-4-ol e a enzima acetilcolinesterase. Jornada Acadêmica Integrada, Santa Maria, 2013.

Fighera RW; **Lissner LJ**; Hassan W; Saraiva RA; Nogara PA; Senthil N; Gul K; Braga A; Rodrigues OE. Glutathione peroxidase-like antioxidant activity of novel valine-derived β -amino chalcogenides: in vitro activity and in silico theoretical quantum reactivity descriptors. VIII Meeting of the Society for Free Radical Biology and Medicine-South American Group (VIII SFRBM-SAG), Buenos Aires, Argentina, 2013.

Lissner LJ; Saraiva RA; Fighera RW; Nogara PA; Rocha JBT. Theoretical quantum reactivity descriptors of methylmercury (MeHg) and ethylmercury (EtHg) interaction with thiol and selenol moieties. 2nd Ibero American Meeting on Toxicology and Environmental Health, Ribeirão Preto, 2013.

REFERENZE

Prof. Guglielmo Sorci

Professore Ordinario – Università Degli Studi di Perugia

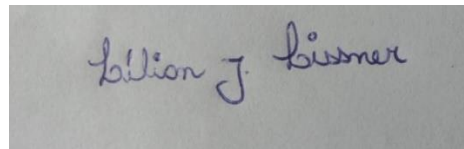
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Brasile

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Perugia, 08 Luglio, 2022

A rectangular box containing a handwritten signature in blue ink. The signature is written in a cursive style and reads "Lilian J. Lissner".