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21.03.1986

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*Contains full personal, professional, lab, academic, education and training, scientific and artistic experience.  
Thank you, sincerely, for your interest.*

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#### Professional Contacts

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[jorge.ema.martins@gmail.com](mailto:jorge.ema.martins@gmail.com)

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[fmul.academia.edu/J\\_E\\_Martins](http://fmul.academia.edu/J_E_Martins)  
[prezi.com/user/jorgeemamartins](http://prezi.com/user/jorgeemamartins)  
[orcid.org/0000-0002-5465-470X](http://orcid.org/0000-0002-5465-470X)  
FCT association key: J608489n0339

#### **Professional Links**

[ge.ch/omp/](http://ge.ch/omp/)  
[limmit.org](http://limmit.org)  
[salivatec.viseu.ucp.pt](http://salivatec.viseu.ucp.pt)  
[colegiamente-cerebro.ulisboa.pt/publications/](http://colegiamente-cerebro.ulisboa.pt/publications/)

#### **Other Contacts**

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[linkedin.com/in/JorgeEMartins](http://linkedin.com/in/JorgeEMartins)  
[facebook.com/JorgeEmanuelMartins](http://facebook.com/JorgeEmanuelMartins)  
[instagram.com/jorgee.martins](http://instagram.com/jorgee.martins)

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## Résumé

### **Bio**

As a physician-scientist, he was interested by translational medicine, specifically in the field of neurobiology and cognitive neuroscience. As the chief of LIMMIT lab, he worked with a group of researchers interested in probing into the homogenous subtypes of clinical functioning and the subjective experience of subjects with a typical development. As scientific responsible of the MolecularCog(G) of the SalivaTec lab, he grew knowledge on biomarker research and on molecular approaches and techniques for cognitive function profiling. Thus, he became intrinsically interested in omics sciences and studied multiple techniques in molecular biology derived from proteomics, specifically (a) for the probing of the full protein profile and (b) for the multiplexed simultaneous immune detection and quantification of the neuropeptidic and neuroinflammatory response. As requisite for understanding the acquired data, he developed the motivation to endorse the learning of bioinformatic tools used (1) for the integrative analysis of systems biology and (2) to the creation of classifiers for predictive modeling in health stratification, diagnosis and prognosis. This screening strategy made possible the acquisition of a H2020 Corbel Grant, by the research group he integrates, for the study of patients with an atypical child development. This grant aims (i) to permit the integration of multiple clinical and molecular databases for a *posteriori* analysis of ontologic and nosologic co-expression networks and (ii) to offer data-mining solutions for early screening, molecular stratification and follow-up of a neurodevelopmental disorder. Concomitantly, as a resident and therapeutic responsible in child psychiatry he attained clinical knowledge in neurodevelopmental disorders, developmental disabilities and psychopedagogy. As milestones achieved, he has developed different neuroscientific applications, tools and technologies for a better understanding of neuropsychiatric and mental health stratification. Hence, for instance, he, and his supervisors, have developed a graphical user interface toolbox for (a) data exploration/visualization and (b) algorithms' development, aiming at clustering clinical and physiologic *strata* necessary to a personalised medicine. Likewise, as another example, he, and his supervisors, have contributed to the authoring of an educational neuroscience centre, composed by diverse brain-computer interface training protocols for neuro-literacy, which resulted from a university partnership of biophysics, biomedical engineering and computer science. Besides, he is author and member of different NGO on worldwide humanitarian projects. When is not working, he optimistically aspires to be an unskilled musician, an unsuccessful artist, a *quasi*-talented surfer and an almost regular meditation and yoga practitioner.

### **Academic, Research and Clinical Areas**

Biology of Cognition; Brain-Computer and Neurofeedback Interfaces; Child and Adolescent Psychiatry and Psychotherapy; Cognitive, Molecular and Systems Neuroscience and Neurobiology; Computational Biomedicine; Data Mining and Machine Learning; Education and Pedagogy; Developmental Disability; Mental Health; Multiomics and Proteomic Systems Biology; Neurophenomenology; Neurodevelopmental Diseases; Psychometrics; Psychophysiology and Neurophysiology of Self; Social Neuroscience.

### **Education**

NOVA University of Lisbon, Faculty of Sciences and Technology, Minor (2005)

NOVA University of Lisbon, Medical School, Health Sciences, BSc (2009)

NOVA University of Lisbon, Medical School, MD (2013)

University of Lisbon, Faculty of Medicine, PhD in Neurosciences (finishes in 2018)

Hôpitaux Universitaires Genève (SPEA) et Office Médico-Pédagogique, FMH (Formation Universitaire - Catégorie A), Post-Graduation and Continuous Medical Education in Child and Adolescent Psychiatry [2016;...]

Postgraduate Medical Education, Continuous Medical Education, Advanced and Continuous Scientific Education and Psychotherapy Training on the **Academic, Research and Clinical Areas**.

Invited and Participated on >50 international congresses and conferences on biomedical sciences.

Vice-president and member of the organization commission of international congresses (3) and conferences (6).

### **Research Publications and Funds**

Published 1 original research, 1 book chapter review, 2 hypothesis and theory, 1 conceptual analysis and 2 reviews on peer reviewed journals.

Published (paper, panel, roundtable, talk, workshop and poster communications) on >50 peer reviewed international congresses and conferences on biomedical sciences.

Started co-supervising MSc thesis and research projects and co-revising scientific publications.

1 European Union's Horizon 2020 (H2020) Fund, 1 University Research Fund, 2 Laboratory (Installations, Materials and Reagents) research infrastructures, 1 preliminary Pharmaceutical Industry Research Coordinator Fund.

## Personal Experience

### Positions

- PhD student of the Institute of Pharmacology and Neurosciences, Institute of Molecular Medicine (iMM), Faculty of Medicine, University of Lisbon, Portugal. [2013;...]
- Chief of LIMMIT lab (Laboratory for Mind-Matter Interaction with Therapeutic Intention). Delegate Coordinator, Delegate Teaching Assistant and Invited Teacher of the Advanced Training Institute and Integrated Master's Degree. Faculty of Medicine, University of Lisbon. [2014;...]
- Co-Founder of the Centre for Consciousness Knowledge, LIMMIT, Faculty of Medicine, University of Lisbon @ Values University: A neuropedagogic center for BCI and multimodal neurofeedback immersive environments. [2015]
- Member of the Mind-Brain College and founding member of the student's comm. University of Lisbon: Faculty of Sciences, Faculty of Pharmacy, Faculty of Letters, Faculty of Medicine, Faculty of Psychology, Instituto Superior Técnico and Instituto de Ciências Sociais, Portugal. [2015;...]
- Research Member of the Computational Biomedicine and Salivary Diagnosis Group, Laboratory of Multidisciplinary Research in Saliva, Universidade Católica Portuguesa, Portugal. [2015;...]
- Scientific Responsible of MolecularCog(G), Salivatec, Institute of Health Sciences, Center for Interdisciplinary Research in Health, Universidade Católica Portuguesa, Portugal. [2016;...]
- Medical Doctor, Resident in Child and Adolescent Psychiatry. Therapeutic Responsible. Office Médico-Pédagogique (OMP), Département de l'instruction publique, de la culture et du sport (DIP), République et Canton de Genève, Switzerland. [2016;...]
- Research Collaborator of the Mind and Cognition, Institute of Philosophy of NOVA University, Portugal. [2016;...]
- Research Member of the CIIS, Science and Technology Foundation, Portugal. [2017;...]
- Medical Doctor, Resident in Child and Adolescent Psychiatry, Centre de consultation spécialisé en autisme (CCSA) et Consultation pour le développement de l'enfant et de l'adolescent (CDEA), Fondation Pôle Autisme, Geneva, Switzerland. [2018;...]

### Board/Associated/Member of Foundations and Professional Organizations, Association or Institutions

- Swiss Medical Association FMH (*Foederatio Medicorum Helveticorum*), Switzerland (n. 117334)
- VSAO-ASMAG (*Verband Schweizerischer Assistenz- und Oberärztinnen und -ärzte/Association suisse indépendante des médecins-assistant-es et cheffes de clinique*), Switzerland (n. 117334)
- Commission des professions médicales MEBEKO / Federal Office of Public Health OFSP, Switzerland (n. GNL 7601003451412) <http://www.bag.admin.ch/themen/berufe/00993/03866/index.html?lang=fr>
- Portuguese Medical Association, Portugal (*Ordem dos médicos*) (n. 55748)
- Mind-Brain College, University of Lisbon: Faculty of Sciences, Faculty of Pharmacy, Faculty of Letters, Faculty of Medicine, Faculty of Psychology, Instituto Superior Técnico and Instituto de Ciências Sociais, Portugal
- Founding member of the student's commission of the Mind-Brain College, University of Lisbon, Portugal <https://colegiamente-cerebro.ulisboa.pt/phd-students-commission/>
- Swiss Society for Child and Adolescent Psychiatry and Psychotherapy SGKJPP/SSPPEA (*Schweizerische Gesellschaft für Kinder- und Jugendpsychiatrie und -Psychotherapie/Société Suisse de psychiatrie et psychothérapie de l'enfant et de l'adolescent*), Switzerland
- FMPP *Foederatio Medicorum Psychiatricorum et Psychotherapeuticorum*, Switzerland
- fPmh *Foederatio Paedomedicorum helveticorum*, Switzerland
- ESCAP European Society for Child and Adolescent Psychiatry, EU
- MEDISERVICE VSAO-ASMAG, Switzerland
- FMH Services Genossenschaft/Services société coopérative, Switzerland
- IPPA network, USA (n. 021580)
- Molecular and Cellular Cognition Society, USA (n. 5618)
- Portuguese Experimental Pathology Association, Portugal
- UNICEF, USA (n. 19F912 / EOY-248279)
- Médecins du Monde, Switzerland
- Alubrat, Brazil
- Imaginal, Portugal
- SIMTC - Sociedade de Investigação Médica em Terapêuticas Complementares, Portugal
- Science and Nonduality, USA

## Professional Experience

### **Medical Doctor [2013;...]**

Portuguese Medical Association (Ordem dos médicos), Lisbon, Portugal – [2013;...]

<https://www.ordemdosmedicos.pt/>

**2013** - Direito de praticar em Portugal (JOUE L-255 2005) and right to practice in European Union (article 24° directive n° 2005/36/CE, European Parliament)

Swiss Medical Association/Federation FMH/ASMAC, Geneva, Switzerland [2015;...]

Fédération des médecins suisses / Association Suisse des Médecins Assistants et Chefs de Clinique

<http://www.asmac.ch/>

<https://www.fmh.ch/fr/>

**2015** - Droit de pratique dans le canton de Genève (loi R 811.11; K 1 03; K 3 02.01), AEL-3YK86P6TBTW

Resident in Child and Adolescent Psychiatry, Office Médico-Pédagogique (OMP), République et Canton de Genève, Département de l'instruction publique, de la culture et du sport (DIP), Geneva, Switzerland. **[2016;...]** (*Médecin interne - Hôpitaux Universitaires de Genève*)

<https://www.ge.ch/omp/>

<https://www.registre-isfm.ch/Weiterbildungskonzept.aspx?dossiernr=10194>

Outpatient consultation (Charmilles-Balexert, **[2016;2018]**), Inpatient care in Day hospital (Centre médico-pédagogique Valavran, **[2016;...]**), Preventive care (Permanence dans l'écoles primaires secteur Charmilles-Balexert, **[2016,2017]**)

Therapeutic Responsible, Office Médico-Pédagogique (OMP), République et Canton de Genève, Département de l'instruction publique, de la culture et du sport (DIP), Geneva, Switzerland. **[2017;...]**

<https://www.ge.ch/omp/>

<http://www.mairie-bellevue.ch/fr/administrationcommunale/publications/rapportsadministratifs/>

Day hospital (Centre médico-pédagogique Valavran), supervision of clinical staff: speech-language pathology and psychomotricity; coordination of pedagogic and educative staff; psychiatric treatment of children of [6-12]y.o. and family therapeutic follow-up.

Resident in Child and Adolescent Psychiatry, Centre de consultation spécialisé en autisme (CCSA) et Consultation pour le développement de l'enfant et de l'adolescent (CDEA), Fondation Pôle Autisme, Geneva, Switzerland. **[2018;...]**

<http://www.pole-autisme.ch/fr/fondation>

Specialized diagnostic center for neurodevelopmental disorders: Early intervention, Outpatient consultation et therapeutic follow-up, Education and Research.

### **Resident Research Collaborator/Member [2013;...]**

**[2013;2014]**

LIMIT - Laboratory of Mind-Matter Interaction with Therapeutic Intention

CHLN - Centro Hospitalar Lisboa Norte (Hospital Santa Maria), University of Lisbon - Faculty of Medicine

[www.limmit.org](http://www.limmit.org)

**[2015]**

Values University – iLIDH (Portugal)

[www.universidadevalores.org/](http://www.universidadevalores.org/)

**[2016]**

Salivatec, Institute of Health Sciences, Universidade Católica Portuguesa, Portugal.

<http://salivatec.viseu.ucp.pt/wordpress/investigators/>

**[2017;...]**

Center for Interdisciplinary Research in Health (CIIS), R&D unit funded by Science and Technology Foundation, Portugal.

<https://ics.lisboa.ucp.pt/docentes-conhecimento/investigacao/centro-de-investigacao-interdisciplinar-em-saude>

### **Chief of Laboratory [2014;...]**

LIMIT - Laboratory of Mind-Matter Interaction with Therapeutic Intention

CHLN - Centro Hospitalar Lisboa Norte (Hospital Santa Maria), University of Lisbon - Faculty of Medicine

[www.limmit.org](http://www.limmit.org)

Simões, M., Martins, J. E. (2015). LIMIT's research. *LIMIT's Opening Ceremony*, Faculty of Medicine, University of Lisbon, Lisbon, Portugal

<https://youtu.be/oZBx7h8yFak>

LIMIT is structured in 3 valences, <https://www.limmit.org/collaborative-research-projects.html>

Research

Faculty

Centre for Consciousness Knowledge

### **Scientific Responsible [2016;...]**

MolecularCog(G)

Salivatec, Institute of Health Sciences, Center for Interdisciplinary Research in Health, Universidade Católica Portuguesa, Portugal.

High-level cognition research with top-down molecular biology techniques, in a omic perspective, via the neuroendocrine-immune interface.

<https://www.limmit.org/teams.html>  
<http://salivatec.viseu.ucp.pt/wordpress/biomarkers/>

### **Clinical Research Coordinator [2016;...]**

REMOGEN®, Phytostan Enterprises Inc., Clinical Trial Phase I/II (very preliminary phase)

### **Computer Science [2006;2015]**

Information Systems Technician/Assistant in Accountancy and Management [2006;2013]

LIMMIT lab, Faculty of Medicine, University of Lisbon / Faculty of Science, University of Lisbon [2014;2015]

@ Values University, Portugal

Inside-Out Connectedness Project

<https://youtu.be/KaP719N9kp0>

Brain-Computer Interface Technology

Martins, J. E., Simões, M., Ferreira, H., Tavares, V., Brito, J., Carvalho, L. X., Carvalho, E. N., Castelo-Branco, M. (2016). A state of self reflexive “flow” and trait of consciousness: a model for the experimental use of neurofeedback in sensorial immersion in a centre for consciousness knowledge. *Experimental Pathology and Health Sciences: Research, Clinics, Teaching and Society*, 8 (1): 55-58.

### **Co-Founder [2015;2017]**

Centre For Consciousness Knowledge

Partnership and Cooperation LIMMIT, Faculty of Medicine, University of Lisbon, IBEB: Institute of Biophysics and Biomedical Engineering, Faculty of Sciences, University of Lisbon and Values University – iLIDH (Portugal)

Interactive Bio sensing Museum Lab to teach Values and Consciousness Science to children and adolescents

<http://www.limmit.org/center-for-consciousness-knowledge.htm>

<http://www.universidadevalores.org/index.php/pt/museu-dos-valores-universais/>

### **Artist [2006;...]**

Musician, Electronic music producer and Graphic artist

Onecho

[www.onecho.weebly.com](http://www.onecho.weebly.com)

Albums: Channelling Waters and Symbolic Void

Missão Apolo

<https://soundcloud.com/missaoapolo>

Visionary Art and Psychedelic Culture

<http://www.jorgeemanuelmartins.org/art.html>

Atelier Morph!s

<https://youtu.be/6p7EEYBRTVM>

[https://youtu.be/UWzTffXV\\_s](https://youtu.be/UWzTffXV_s)

LIMMIT lab, Faculty of Medicine, University of Lisbon / Faculty of Science, University of Lisbon [2014;2015]

@ Values University, Portugal

Clinical Sound and Light (Multimodal) Therapy

<https://youtu.be/KaP719N9kp0>

<http://www.universidadevalores.org/index.php/pt/parceiros-financiadores/>

<http://www.universidadevalores.org/index.php/pt/museu-dos-valores-universais/>

### **Field Researcher and Aid Work [before2007;...]**

Volunteership

Portugal

Portuguese Associations and ONG's, Red Cross Portugal - First aid (before2007)

CEDACE (Portuguese Bone Marrow Donors Registry) and Blood Donor (before2007)

During medical graduation (2007-2012)

Aid work in rural and city environment, in mental and somatic medicine

Andanças Music and Arts Festival - Medical Volunteership (2013)

<http://www.andancas.net/2013/en/75/festival/concept/the-4-pillars>

Joined Médecins du Monde (2013)

[www.medecinsdumonde.org/fr](http://www.medecinsdumonde.org/fr)

Africa (2014)

Casa do Gaiato, Mozambique – Swaziland Border, Child and Adolescent Psychiatry Volunteership: AIDS orphan children

Clinical Aid work

Piece of Heart, International Children Education and Clinical Research

Academic, Scientific and Management Collaboration

India (2015)

Global Hospital and Research Centre, <http://www.ghrc-abu.com/>

Clinical Aid work

Academic, Scientific and Management Collaboration

LIMMIT, Faculty of Medicine, University of Lisbon (Portugal)

LIMMIT - Humanitarian Aid Research, Mozambique [2014;2016]

<https://youtu.be/FjkwDsvdOo>

Setting of ongoing Partnerships and public health research projects

Creation and starting of academic collaborations for medical internships

Piece of Heart, International education program of children, as a fundraiser

LIMMIT - BOOM 2014 - ASC, Happiness and DMT in Medicine

<http://www.jorgeemanuelmartins.org/limmit---boom-2014---asc-happiness-and-dmt-in-medicine.html>

BOOM Festival 2014 Medical Volunteership - [www.boomfestival.org](http://www.boomfestival.org)

LIMMIT - Integrative Medicine Hospital Care

Brazil - Shangri-la: Hospital and Therapeutic Community

India - Global Hospital and Research Centre, <http://www.ghrc-abu.com/>

LIMMIT - Community Track [2014;2016]

Africa: Mozambique, Angola, Guinea-Bissau

<https://youtu.be/FjkwDsvdOo>

Exploratory study

Clinical Report and Informed Consent, Inclusion and Exclusion criteria (LIMS®)

E'pap: <http://www.epap.co.za/>, Nutrition research program

Chupal: <http://www.chupal.com/english.html>, Malaria research program

Sapal: Ebola virus research program

LIMMIT – Values in Health Care

The Janki Foundation for Global Health Care

[www.jankifoundation.org](http://www.jankifoundation.org)

UK and India

LIMMIT – Teaching Plants

South America

Video: <https://youtu.be/YWPLaOtzKMc>

Happiness Active Agents Project

FITI - Federation of Institutions of the Elderly – Portugal

Shangri-la: Hospital and Therapeutic Community – Brazil

## Lab Experience

### **Peer-Reviewed Publications [2015;...]**

- Re, T., Ventura, C., Vitiello, G., Simões, M., Martins, J. E. (2015). Transcultural Perspective on Consciousness: a bridge between Anthropology, Medicine and Physics. *Cosmos and History: The Journal of Natural and Social Philosophy*, 11(2), 228-241.  
<https://cosmosandhistory.org/index.php/journal/article/view/502/841>
- Martins, J. E., Simões, M., Rosa, N., D'Alimonte, D., Mendes, V. M., Correia, M. J., Barros, M., Manadas, B. (2016). Happiness as a self state and trait of consciousness: saliva molecular biomarkers - a brief revision. *Experimental Pathology and Health Sciences: Research, Clinics, Teaching and Society*, 8 (1): 51-54.  
[http://www.patolex.org/EPHS/revista/201601\\_files/22%20093.pdf](http://www.patolex.org/EPHS/revista/201601_files/22%20093.pdf)
- Martins, J. E., Simões, M., Ferreira, H., Tavares, V., Brito, J., Carvalho, L. X., Carvalho, E. N., Castelo-Branco, M. (2016). Self-reflexive consciousness: a model for the experimental use of neurofeedback in sensorial immersion in a centre for consciousness knowledge. *Experimental Pathology and Health Sciences: Research, Clinics, Teaching and Society*, 8 (1): 55-58.  
[http://www.patolex.org/EPHS/revista/201601\\_files/23%20093\\_1.pdf](http://www.patolex.org/EPHS/revista/201601_files/23%20093_1.pdf)
- Re, T., Palma, J., Martins, J. E., Simões, M., (2016). Transcultural Perspective on Consciousness: Traditional Use of Ayahuasca in Psychiatry in the 21st Century in the Western World. *Cosmos and History: The Journal of Natural and Social Philosophy*, 12(2), 237-249.  
<http://cosmosandhistory.org/index.php/journal/article/view/561/911>
- Sousa, S., Martins, J. E., Rosa, N., Barros, M., & Correia, M. J. (2016). # 097. Presença de genes de resistência a antibióticos na cavidade oral: uma revisão sistemática. *Revista Portuguesa de Estomatologia, Medicina Dentária e Cirurgia Maxilofacial*, 57, 39-40. doi: 10.1016/j.rpemd.2016.10.095  
<https://www.sciencedirect.com/science/article/pii/S1646289016301339>
- Hipólito, I., & Martins, J. E. (2017). Mind-life continuity: A qualitative study of conscious experience. *Progress in Biophysics and Molecular Biology*, 131:432-444.  
<https://www.sciencedirect.com/science/article/pii/S0079610717301165>

### Book Chapters

- Hipólito, I., Martins, J. E. (2018) A “Second-Person” Model to Anomalous Social Cognition. In: Hipólito, I., Gonçalves J., Pereira J. (eds) *Schizophrenia and Common Sense. Studies in Brain and Mind*, vol 12. Springer, Cham.  
[https://link.springer.com/chapter/10.1007/978-3-319-73993-9\\_4](https://link.springer.com/chapter/10.1007/978-3-319-73993-9_4)
- Martins, J. E., Pacheco, A., Simões, M. (in press). Towards a Medicine of Happiness. *Happiness Active Agents*, Lisbon, Lidel.

### In Revision, In Submission or In Preparation

- Martins, J. E., Hipólito, I., Barros, M., Simões, M. (in submission). Molecular Expression of Subjective Experience: cognitive life, proteins and free energy. *Progress in Biophysics and Molecular Biology*.
- Martins, J. E., Hipólito, I., Rodrigues, T., Rosa, N., Correia, M.J., Barros, M., Simões, M. (in submission). A Method for Cognitive Functional Profiling in Neurotypical Young Adults combining a Psychological Intervention and a Clinical Assessment. *Progress in Biophysics and Molecular Biology*.
- Martins, J. E., Rosa, N., Correia, M.J., Simões, M., Barros, M. (in submission). Neuronal-Salivary Proteome: *In silico* Characterization and Bioinformatic Analysis. *Progress in Biophysics and Molecular Biology*.
- Martins, J. E., Simões, J.F., D'Alimonte, D., Sousa, S., Esteves, E., Rosa, N., Hipólito, I., Rodrigues, T., Correia, M.J., Simões, M., Barros, M. (in submission). Protein Profiling of Cognition and GUI Toolbox Development in Neurotypical Young Adults. *Progress in Biophysics and Molecular Biology*.
- Martins, J. E., Sousa, S., Simões, J.F., Esteves, E., Rosa, N., Correia, M.J., Simões, M., Barros, M. (in submission). Functional profiling of neurotypical subjects: Neuropeptide response and Anti/pro T-helper cell type 17 equilibrium. *Progress in Biophysics and Molecular Biology*.
- Martins, J. E., Simões, J.F., Sousa, S., Rosa, N., D'Alimonte, D., Esteves, E., Fernandes, M., Marques, T., Correia, M.J., Simões, M., Barros, M. (in prep). MultiOmics Data visualization INteGratiOn: Functional and Physiological Network Profiling Neurotypical Young Adults. XXX, manuscript in initial redaction.
- Sousa, S., Martins, J. E., Simões, J.F., Rosa, N., Correia, M.J., Simões, M., Barros, M. (in prep). Oral microbiome interactomics with cognition: Firmicutes Bacteroidetes ratio as indicator of health. XXX, data acquisition.

### **International Peer-Reviewed Congresses and Conferences Publications [2014;...]**

- Martins, J. E., Simões, M. (2014). Consciousness Challenges - Clinical Research Unit for the study of the effect of a patient's mind on the matter of Disease. *Neurophilosophy, Self and Brain (Cognitive foundations of the self)*, FCSH NOVA University of Lisbon, Portugal, Feb.  
<http://www.limmit.org/talks-conferences-and-workshops.html>  
[www.fchsh.unl.pt/media/eventos/NSBWorkshopProgram1.pdf](http://www.fchsh.unl.pt/media/eventos/NSBWorkshopProgram1.pdf)  
[http://www.arglab.ifilnova.pt/projects/Cognitive\\_Foundations\\_of\\_the\\_Self](http://www.arglab.ifilnova.pt/projects/Cognitive_Foundations_of_the_Self)
- Simões, M., Martins, J. E. (2014). Studies on the Mind-Brain relationships: setting a Laboratory. *International Pre-Congress of Transpersonal Studies*, Brazil, May.  
<http://www.limmit.org/talks-conferences-and-workshops.html>  
[http://www.alubrat.org.br/site/documento\\_514\\_0\\_palestrantes-e-debatedores-do-evento.html](http://www.alubrat.org.br/site/documento_514_0_palestrantes-e-debatedores-do-evento.html)

- <https://youtu.be/K7RLPKcPbR4>
- Re, T. & Martins, J. E. (2014). Analysis of the Material and Immaterial Elements in the Healing Places: The Case of Mayantuyacu in Peruvian Amazon Forest. *Aya 2014 – World Ayahuasca Conference*, Ibiza, Spain, Sept.  
<https://youtu.be/oCRDt1xuXSo>  
<http://www.aya2014.com/en/community-track/>  
<https://youtu.be/YWPLaOtzKMc>
- Martins, J. E., Re, T. (2014). Healing Sites and Teaching Plants in the Amazon Forest: Ashaninka Indigenous Community. *In Still Point – Turning World (Values in HealthCare)*, Oxford, England, Oct.  
<https://youtu.be/YWPLaOtzKMc>
- Re, T., Ventura, C., Vitiello, V., Pentikäinen, J., Simões, M., Martins, M. (2015). Transcultural Perspective on Consciousness: a bridge between Anthropology, Medicine and Physics. *Toward a Science of Consciousness*, Finland, Helsinki, June.  
<https://tsc2015.sched.org>  
<http://www.helsinki.fi/tsc2015/>
- Simões, M., Martins, J. E. (2015). Inside-Out Connectedness: Happiness Trance Coherence in a Multimodal Neurofeedback. In *Transcultural Perspective on Consciousness: a bridge between Anthropology, Medicine and Physics. Toward a Science of Consciousness*, Finland, Helsinki, June  
<https://tsc2015.sched.org>  
<http://www.helsinki.fi/tsc2015/>  
<https://youtu.be/KaP719N9kp0>
- Re, T., Martins, J. E. (2015). Analysis of the material and immaterial elements in the healing places. In *Transcultural Perspective on Consciousness: a bridge between Anthropology, Medicine and Physics. Toward a Science of Consciousness*, Finland, Helsinki, June. (collaboration with convener)  
<http://www.helsinki.fi/tsc2015/>  
<https://youtu.be/YWPLaOtzKMc>
- Martins, J. E., Oliveira, M., Mendes, V.M., Marujo, H.A., Neto, L.M., Ribeiro, J.A., Rosa, N., Correia, M.J., Barros, M., Manadas, B., Simões, M. (2015). Positive Life Trajectory: Integrating Positive Psychology. *World Congress on Positive Psychology*, USA, Florida, June.  
[http://www.ippanetwork.org/wp-content/uploads/2015/04/IPPA\\_4thCongress\\_Program\\_digital1.pdf](http://www.ippanetwork.org/wp-content/uploads/2015/04/IPPA_4thCongress_Program_digital1.pdf)
- Martins, J. E. (2015). Inside-Out Connectedness: Happiness Trance Coherence in a Multimodal Neurofeedback. *European Congress of Psychology*, Italy, Milano, July.  
<http://www.ecp2015.it/>  
<https://youtu.be/KaP719N9kp0>
- Re, T., Simões, M., Martins, J. E., La Bella, M., Gianotti, L., Pirro, P.S., Bonapace, I., Gaia, M.G., Garombo, M.F., Contarino, A., Rosso, C. (2015). Integrative Medicine, PNEI and Mindfulness: new frontiers for treatments. *European Congress of Psychology*, Italy, Milano, July.  
<http://www.ecp2015.it/>  
<https://youtu.be/YWPLaOtzKMc>
- Re, T., Martins, J. E. et al. (2015). Art Therapy for Psychological and Complexity Training. *European Congress of Psychology*, Italy, Milano, July. (collaboration with convener)  
<http://www.ecp2015.it/>  
<https://youtu.be/YWPLaOtzKMc>
- Re, T., Martins, J. E. (2015). Transcultural Perspective on Consciousness: a bridge between Anthropology, Medicine and Physics. *The Foundations of Mind II Conference*, USA, California, Aug. (collaboration with discussant)  
<https://youtu.be/YWPLaOtzKMc>
- Marques, J., Vital, O., Andrade, R., Moreira, D.N., Patrício, F., Simões, M., Martins, J. E., Vieira, R.P., Malho, M.I. (2015). Treatment of Malaria in the endemic south part of Mozambique. *LMHI Congress*, Brazil, Rio de Janeiro, Aug.  
<http://lmhi2015.org/>
- Marques, J., Vital, O., Andrade, R., Moreira, D.N., Patrício, F., Simões, M., Martins, J. E., Vieira, R.P., Malho, M.I. (2015). Treatment of Malaria in the endemic south part of Mozambique. *Proceedings of LMHI Congress 2015*
- Simões, M. (2015). The transpersonal research for the happiness molecule. *The Flowering of Consciousness*, IX ALUBRAT International Congress, Salvador, Bahia, Brazil, Sept. (collaboration with discussant of opening ceremony)  
<http://www.transpersonalresearchnetwork.com/the-flowering-of-consciousness-ix-international-alubrat-conference/>
- Martins, J. E., Oliveira, M., Mendes, V.M., Marujo, H.A., Neto, L.M., Ribeiro, J.A., Rosa, N., Correia, M.J., Barros, M., Manadas, B., Simões, M. (2015). State and Trait of Consciousness Saliva's Molecular Biomarkers. *II Positive Psychology Congress. Positive Communities and Relational Goods: co-construction of Public Happiness*, ISCS University of Lisbon, Portugal, Lisbon, Sept.  
<https://prezi.com/62e8-xgldjzx/love-and-humanity-the-pursuit-of-happiness-state-and-trait-of-consciousness-salivas-molecular-biomarkers/>
- Martins, J. E., Oliveira, M., Mendes, V.M., Marujo, H.A., Neto, L.M., Ribeiro, J.A., Rosa, N., Correia, M.J., Barros, M., Manadas, B., Simões, M. (2015). Love and Humanity: The Centre For Consciousness Knowledge. *II Positive Psychology Congress. Positive Communities and Relational Goods: co-construction of Public Happiness*, ISCS University of Lisbon, Portugal, Lisbon, Sept.
- Simões, M. (2015). Research on the molecular response of happiness. *II International Journeys of Clinical Hypnosis*, Portugal, Porto, Oct. (collaboration with discussant)  
<http://www.aphch.pt/2-jornadas-internacionais/>

- Martins, J. E. (2015). The Centre for Consciousness Knowledge: Neurofeedback Immersive States. *II International Journeys of Clinical Hypnosis*. Portugal, Porto, Oct.  
<http://www.aphch.pt/2-jornadas-internacionais/>  
[http://prezi.com/du1ywemhwnyk/?utm\\_campaign=share&utm\\_medium=copy&rc=ex0share](http://prezi.com/du1ywemhwnyk/?utm_campaign=share&utm_medium=copy&rc=ex0share)
- Simões, M. (2015). Research on the happiness molecular response. *Transpersonal Psychology in Motion*, European Transpersonal Psychology Association Congress, Portugal, Lisbon, Oct. (collaboration with discussant)  
<http://etpa2015.weebly.com/palestras.html>
- Simões, M., Oliveira, M., Martins, J. E. (2015). Meaning assignment in Transpersonal Psychology. *Transpersonal Psychology in Motion*, European Transpersonal Psychology Association Congress, Portugal, Lisbon, Oct.  
<http://etpa2015.weebly.com/palestras.html>
- Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *Transpersonal Psychology in Motion*, European Transpersonal Psychology Association Congress, Portugal, Lisbon, Oct.
- Simões, M., Oliveira, M., Martins, J. E. (2015). Positive Life Trajectory. Annual Proceedings of the European Transpersonal Psychology Association, Portugal, Lisbon, Oct.
- Martins, J. E., Ferreira, H., Simões, M., Barros, M., Manadas, B. (2015). The pursuit of Happiness. *II International Congress of Health*, Portugal, Porto, Nov. (convener of the opening satellite symposium)  
<http://paginas.estsp.ipp.pt/2congressointernacionaldasaude/programa/simposio-satelite/>  
<http://paginas.estsp.ipp.pt/formacoes/principal/home/index.php?page=verForm&id=273>
- Martins, J. E. (2015). Using BCI and the reinforcement in immersive multimodal environments. *II International Congress of Health*, Portugal, Porto, Nov.  
<http://paginas.estsp.ipp.pt/formacoes/principal/home/index.php?page=verForm&id=273>  
<http://paginas.estsp.ipp.pt/2congressointernacionaldasaude/>
- Simões, M., Rosa, N., Correia, M.J., Barros, M., Martins, J. E. (2015). Research in saliva molecular biomarkers. *V Experimental Pathology Congress*. EUVG University of Coimbra, Portugal, Dez  
<http://www.euvg.pt/vcongressopatologiaexperimental/>
- Martins, J. E., Simões, M., Carvalho, L.X., Carvalho, E.N., M., Tavares, V., Ferreira, H. (2015). Use of BCI in multimodal brain stimulation. *V Experimental Pathology Congress*. EUVG University of Coimbra, Portugal, Dez  
<http://www.euvg.pt/vcongressopatologiaexperimental/>
- Simões, M. (2016). Consciousness and well-being. *Values University Inauguration*, Values University, Mafra, Portugal, January (collaboration with discussant)
- Simões, M., Moreira, D.N., Palma, J., Re, T., Martins, J. E. (2016). Traditional use of Ayahuasca in Psychiatry in the 21<sup>st</sup> century. *Traditional medicines in the XXI century*. Museum of Pharmacy, FF University of Lisbon, Portugal, March
- Martins, J. E., Simões, M., Moreira, D.N., Re, T. (2016). Transcultural Perspective on Consciousness: a bridge between Anthropology and Medicine. *Traditional medicines in the XXI century*. Museum of Pharmacy, FF University of Lisbon, Portugal, March
- Guerci, A., Re, T. (2016). Cross-cultural aspects of Health and disease. *Bial Foundation 11th Symposium "Behind and Beyond the Brain"*, Porto, Portugal, April. (collaboration with discussant)  
[https://www.bial.com/en/bial\\_foundation.11/symposium.19/previous\\_editions.75/11th\\_symposium.a544.html](https://www.bial.com/en/bial_foundation.11/symposium.19/previous_editions.75/11th_symposium.a544.html)  
[https://www.bial.com/download/160511104929\\_en.pdf](https://www.bial.com/download/160511104929_en.pdf)  
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- Re, T., Ventura, C., Simões, M., Martins, M., Vitiello, V. (2016). Transcultural Perspective on Consciousness: a bridge between Anthropology, Medicine and Physics. *The Science of Consciousness*, Tucson, USA, April.  
[http://consciousness.arizona.edu/documents/TSC2016\\_BOOK\\_of\\_Abstracts\\_final.pdf](http://consciousness.arizona.edu/documents/TSC2016_BOOK_of_Abstracts_final.pdf)  
<https://www.youtube.com/watch?v=xJMYzeSwSGU>  
<https://youtu.be/U0W1e2CVLQE>
- Re, T., Hipólito, I., Martins, M. (2016). Transcultural Perspective on Consciousness: a systems biology approach. *The Science of Consciousness*, Tucson, USA, April.  
[http://consciousness.arizona.edu/documents/TSC2016\\_BOOK\\_of\\_Abstracts\\_final.pdf](http://consciousness.arizona.edu/documents/TSC2016_BOOK_of_Abstracts_final.pdf)  
<https://www.youtube.com/watch?v=xJMYzeSwSGU>  
<https://youtu.be/U0W1e2CVLQE>
- Simões, M. (2016). Medicine of Happiness. *Conferences of the IPCB*, Portugal, May. (collaboration with discussant)  
<https://www.youtube.com/watch?v=YNjcl905c0I>  
<http://www.ipcb.pt/cultura/confer%C3%A0ncias-do-polit%C3%A9cnico>
- Re, T., Martins, J. E. (2016). Transcultural Perspective on Consciousness: a bridge between Anthropology, Medicine and Physics. *Foundations of Mind 3*, University of California, Berkeley, USA, May  
<http://foundationsofmind.org/>  
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- Re, T., Palma, J., Martins, J. E., Simões, M., (2016). Transcultural Perspective on Consciousness: Traditional Use of Ayahuasca in Psychiatry in the 21st Century in the Western World. *Proceedings of the Foundations of Mind III Conference*, Berkeley, University of California  
<http://cosmosandhistory.org/index.php/journal/article/view/561/911>
- Rosa, N., Martins, J. E., Correia, M.J., Barros, M. (2016). Use of bioinformatics tools for the identification of altered molecular mechanisms and potential biomarkers. *Science 2016: Science and Technology Foundation*, Portugal, July  
<http://www.ciencia2016.pt/home/>

- Martins, J. E., Correia, M.J., Barros, M., Martins, J. E., Rosa, N. (2016). MODELING: MultiOmics Data visualization Integration. *Science 2016: Science and Technology Foundation*, Portugal, July  
<http://www.ciencia2016.pt/home/>
- Re, T., Martins, J. E., Simões, M., Ventura, C. (2016). Transcultural Perspective on Consciousness: a bridge between Anthropology, Medicine and Physics. *10<sup>th</sup> International Quantum Interaction Conference (QI 2016)*, San Francisco State University, CA, USA, July (abstract accepted as Poster Presentation)  
<http://www.quantuminteraction.org/conferences/qi2016>
- Martins, J. E., Hipólito, I. (2016). Poster 3210 - A systems biology approach to consciousness. *41<sup>st</sup> Federation of European Biochemical Societies (FEBS) congress*, Ephesus, Turkey, September (abstract accepted as Poster Presentation)  
<https://www.febs.org/news/the-febs-2016-congress-is-cancelled/>
- Sousa, S., Martins, J. E., Rosa, N., Barros, M., Correia, M.J. (2016). Presence of acquired antibiotic resistance genes in the oral cavity: a systematic revision. *SPEMD XXXVI - Congress of the Stomatology and Dentistry Portuguese Society*, Porto, Portugal, Oct
- Sousa, S., Martins, J. E., Martins, A., Rosa, N., Santos, L., Barros, M., Correia, M.J. (2016). Salivary Diagnosis: miRNA's new directions. *II Life and Health Sciences and Technologies Symposium*, Institute of Health Sciences, Portugal, Sept  
<http://www.saude.porto.ucp.pt/pt/central-eventos/2o-simposio-ciencias-e-tecnologias-vida-e-saude>
- Martins, J. E., Sousa, S., Simões, J., Hipólito, I., D'Alimonte, D., Marques, T., Rosa, N., Correia, M.J., Simões, M., Barros, M. (2016). Molecular cognition strategy. *II Life and Health Sciences and Technologies Symposium*, Institute of Health Sciences, Portugal, Sept  
<http://www.saude.porto.ucp.pt/pt/central-eventos/2o-simposio-ciencias-e-tecnologias-vida-e-saude>
- Esteves, E., Martins, J. E., Fernandes, M., Dulyanska, Y., Sousa, S., Rosa, N., Correia, M.J., Barros, M. (2016). Diabetic wound treatment with vegetal collagenase?. *II Life and Health Sciences and Technologies Symposium*, Institute of Health Sciences, Portugal, Sept  
<http://www.saude.porto.ucp.pt/pt/central-eventos/2o-simposio-ciencias-e-tecnologias-vida-e-saude>
- Fernandes, M., Esteves, E., Dulyanska, Y., Martins, J. E., Sousa, S., Rosa, N., Correia, M.J., Barros, M. (2016). Actividade Sénior: SalivaTec's role. *II Life and Health Sciences and Technologies Symposium*, Institute of Health Sciences, Portugal, Sept  
<http://www.saude.porto.ucp.pt/pt/central-eventos/2o-simposio-ciencias-e-tecnologias-vida-e-saude>
- Martins, J. E. (2016). Functional and physiological network profiling of cognition. *Research and Innovation in Saliva Applications*, Salivatec, Center for Interdisciplinary Research in Health, Portugal, Oct  
<http://salivacampucp2016.weebly.com>
- Sousa, S., Martins, J. E., Martins, A., Rosa, N., Santos, L., Barros, M., Correia, M.J. (2016). Salivary Diagnosis: miRNA's new directions. *Research and Innovation in Saliva Applications*, Salivatec, Center for Interdisciplinary Research in Health, Portugal, Oct  
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- Martins, J. E., Sousa, S., Simões, J.F., Hipólito, I., D'Alimonte, D., Marques, T., Rosa, N., Correia, M.J., Simões, M., Barros, M. (2016). Molecular cognition strategy. *Research and Innovation in Saliva Applications*, Salivatec, Center for Interdisciplinary Research in Health, Portugal, Oct  
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- Esteves, E., Martins, J. E., Fernandes, M., Dulyanska, Y., Sousa, S., Rosa, N., Correia, M.J., Barros, M. (2016). Diabetic wound treatment with vegetal collagenase?. *Research and Innovation in Saliva Applications*, Salivatec, Center for Interdisciplinary Research in Health, Portugal, Oct  
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- Fernandes, M., Esteves, E., Dulyanska, Y., Martins, J. E., Sousa, S., Rosa, N., Correia, M.J., Barros, M. (2016). Actividade Sénior: SalivaTec's role. *Research and Innovation in Saliva Applications*, Salivatec, Center for Interdisciplinary Research in Health, Portugal, Oct  
<http://salivacampucp2016.weebly.com>  
[http://www.encontrociencia.pt/programa/detalhesprograma/index.asp?acao=vercomunicacao&id\\_comunicacao=105](http://www.encontrociencia.pt/programa/detalhesprograma/index.asp?acao=vercomunicacao&id_comunicacao=105)
- Re, T. (2016). Transcultural Perspective on Consciousness: a bridge between Anthropology, Medicine and Physics. *On the Edge of the (Un)Known, Science and Nonduality 2016*, San Jose, CA, USA, Oct. (collaboration with discussant)  
<https://www.scienceandnonduality.com/conferences/sand-2016/program-sand16-us/>  
<https://youtu.be/YWPLaOtzKMc>  
<https://youtu.be/kURYjCIS1-I>
- Oliveira, M., Simões, M., Martins, J. E. (2016). Altered states of consciousness. *III International Journeys of Clinical Hypnosis*. Portugal, Porto, Oct.  
<https://youtu.be/CikgCaOQ3eM>  
<https://tinyurl.com/y72yne9v>
- Oliveira, M., Simões, M., Martins, J. E. (2016). Integrating Positive Psychology. *III International Journeys of Clinical Hypnosis*. Portugal, Porto, Oct.  
<https://tinyurl.com/y72yne9v>
- Melsert, R. (2016). Entangled Biophoton Fields Modulated and Codified by Consciousness on Mind-Body. *Proceedings of 10<sup>th</sup> European Society for Scientific Exploration Conference*, Sweden, Oct. (collaboration with discussant)  
<https://www.scientificexploration.org/sweden-2016>  
<http://parapsykologi.se/wp-content/uploads/2017/01/2016-Proceedings-of-the-10th-European-SSE-Meeting-October-13-15.pdf>
- Martins, J. E., Sousa, S., Simões, J., Hipólito, I., D'Alimonte, D., Marques, T., Rosa, N., Correia, M.J., Simões, M., Barros, M. (2016). Molecular cognition strategy. *II Mind-Brain College Meeting*, University of Lisbon, Portugal, November

<https://colegiamente-cerebro.ulisboa.pt/event/2nd-students-meeting-of-mind-brain-college/>  
<https://colegiamente-cerebro.ulisboa.pt/event/2nd-students-meeting-of-mind-brain-college/>  
<http://www.limmit.org/2nd-meeting-mind-brain-college---ul-2016.html>

- Hipólito, I., Martins, J. E. (2017). Phenomenology and molecular biology: a second-person model to anomalous experience. *Philosophy and Schizophrenia Workshop 2017*, FCSH NOVA University of Lisbon, Portugal, January  
<https://mindandcognition.weebly.com/philosophy-and-schizophrenia-2017.html>
- Martins, J (2017). Multiomics solutions to early Autism Spectrum Disorder stratification (NCCR Proposal). *Synapsy-The Synaptic Bases of Mental Diseases annual meeting*, Switzerland, March  
<https://nccr-synapsy.ch/events/annual-meetings/>  
<https://tinyurl.com/yc4auq4d>
- Saavedra Silva, M., Sousa, S., Silva, A., Martins, J. E., Esteves, E., Fernandes, M., Rosa, N., Correia, M.J., Barros, M. (2017). Salivary protein profile as a tool for patient stratification in peri-implantitis. *ITI World Symposium*, Basel, Switzerland, May. doi:10.13140/RG.2.2.17174.34883  
[https://bib.irb.hr/datoteka/874125.ITIWS2017\\_Poster\\_Abstract\\_Booklet.pdf](https://bib.irb.hr/datoteka/874125.ITIWS2017_Poster_Abstract_Booklet.pdf)  
[https://www.researchgate.net/publication/317305170\\_Salivary\\_protein\\_profile\\_as\\_a\\_tool\\_for\\_patient\\_stratification\\_in\\_p\\_eri-implantitis](https://www.researchgate.net/publication/317305170_Salivary_protein_profile_as_a_tool_for_patient_stratification_in_p_eri-implantitis)
- Hipólito, I. (2017). Schizophrenia and Common Sense: Explaining the relation between madness and social values. Hipólito, I., Gonçalves, J., & Pereira, J. (Eds.), Springer. *Philosophy and Schizophrenia Workshop 2017*, Lisbon Mind & Reasoning Group, FCSH NOVA University of Lisbon, Portugal, January (collaboration with publication)  
<https://mindandcognition.weebly.com/philosophy-and-schizophrenia-2017.html>
- Cruz, I., Esteves, E., Fernandes, M., Martins, J. E., Silva, M., Sousa, S., Rosa, N., Correia, M.J., Arrais, J.P., Barros, M. (2017). Bringing Saliva into Research – SalivaPrint, Algorithms and Personalized Medicine. *Science 2017: Science and Technology Foundation*, Portugal, July
- Correia, M.J., Martins, J. E., Esteves, E., Fernandes, M., Cruz, I., Rosa, N., Barros, M. (2017). Bringing Saliva into Research – Molecular Typing of Individuals. *Science 2017: Science and Technology Foundation*, Portugal, July

#### Scientific Publication Reviser [2017]

Co-revision of publications *in*

- Hipólito, I., Gonçalves J., Pereira J. (eds) Schizophrenia and Common Sense. *Studies in Brain and Mind*, vol 12. Springer, Cham.  
<https://link.springer.com/book/10.1007/978-3-319-73993-9>

#### Publication Collaboration and Supervision [2014;...]

##### *Supervised or collaboration in thesis (not as tutor)*

- Pedro, C. (2014). Waldorf education: a contribution of Arts Education for the development of empathy. (MSc Thesis). Faculty of Fine Arts, University of Lisbon, Portugal, Lisbon
- Gomes, A. (2015). Music: bio-psychosocial correlates (Integrated MSc Thesis). Faculty of Medicine, University of Lisbon, Portugal, Lisbon
- Palma, J. (2016). Psychological and Psychiatric applications of Ayahuasca (Integrated MSc Thesis). Faculty of Medicine, University of Lisbon, Portugal, Lisbon
- Silva, R. (2016). Salivary Biomarkers for Cardiovascular diseases in Chronic periodontitis (Integrated MSc Thesis). Dental Medicine, Institute of Health Sciences, Universidade Católica Portuguesa, Portugal.
- Sousa, S. (2017). Oral microbiome and host health: is the Firmicutes / Bacteroidetes ratio an indicator of oral and systemic health? (Integrated MSc Thesis). Dental Medicine, Institute of Health Sciences, Universidade Católica Portuguesa, Portugal.
- Almeida, R. (2017). Experion™ analysis of multi compromised elderly patients (MSc Thesis). Salivatec, Institute of Health Sciences, Universidade Católica Portuguesa, Portugal.
- Saavedra Silva, M. (2017). Salivary protein profile as a tool for patient stratification in peri-implantitis (PhD Thesis). Salivatec, Institute of Health Sciences, Universidade Católica Portuguesa, Portugal.

##### *Supervised or collaboration in research projects (not as tutor)*

- Tourette, M. (2015). *The Gift of Alzheimer's*, London, UK
- Moreira, D. N. (2017). Interrelations of multiple health risk behaviors and patterns in adult individuals of Portuguese population: a data mining approach to health risk behavioromics. USPAM, ULSAM, E.P.E, Portugal.
- Simões, J. F. (2017). Neuropathology course: Submandibular biopsy is a potential diagnostic method in Parkinson's disease. MSc Neurosciences. Faculty of Medicine, University of Lisbon, Portugal, Lisbon
- Vaz, M. C. (2017). Violence, women and narcissistic personality disorder. *collaboration with LIMMIT* (Happiness Active Agents), Faculty of Medicine, University of Lisbon, Portugal, Lisbon
- Simões, J. F. (2018). Study of Aspects of Neuroinflammatory diseases using Omics tools and In silico Analysis (MSc Thesis, in development). Faculty of Medicine, University of Lisbon, Portugal, Lisbon

##### *Referee report and support for Post-Graduation/ Scholarship applications*

- Simões, J. F. (2016). MSc Neurosciences. Faculty of Medicine, University of Lisbon, Portugal, Lisbon
- Hipólito, I. (2016). PhD Philosophy. School of Humanities and Social Inquiry, Faculty of Law, Humanities, and the Arts, University of Wollongong, Australia

#### Lab Internships and Rotations [2014;...]

Elective Clinical Rotation in Research in Champalimaud Centre for the Unknown, Neuroscience Programme, Lisbon, Portugal (2012)  
Institute of Pharmacology and Neurosciences, Faculty of Medicine, University of Lisbon (2013)  
LIMMIT, Faculty of Medicine, University of Lisbon (2014)  
Biobanco-iMM, Lisbon Academic Medical Center, Institute of Molecular Medicine, Faculty of Medicine, University of Lisbon, Portugal (2015)  
Biostatistics IMM (Institute of Molecular Medicine), Faculty of Medicine, University of Lisbon, Portugal (2015)  
BIOCANT/CNC (Center for Neuroscience and Cell Biology), University of Coimbra, Portugal (2015)  
Data mining and Data visualization, CIMA, University of Algarve, Portugal (2016)  
Salivatec, Institute of Health Sciences (ICS), Center for Interdisciplinary Research in Health (CIIS), Universidade Católica Portuguesa (2016,2017)  
Mind & Reasoning (Cognition) Group, Institute for Philosophy of NOVA, NOVA University of Lisbon, Portugal (2016,2017)

### **Lab Experience [2014;...]**

Redaction in Regulatory Documents: CRF and clinical files, Bio-Bank Saliva donors questionnaire, Informed Consents, Protocols for stimulation, Sample request formularies  
Collection and processing of salivary substrates (proteomics) and Standard operating procedures (SOPS) in molecular neuroscience: protein extraction, for cognitive profiling. Sample transport and transfer protocols.  
Setting of a biobank for salivary samples: Sampling and processing of a collection for research in neurobiology.  
Bioinformatic tools: Cytoscape<sup>TM</sup>, Panther<sup>TM</sup>, String<sup>TM</sup>, Uniprot<sup>®</sup> and Pubmed databases, OralCard and OralInt (SalivaTec<sup>®</sup>)  
Laboratory information management systems: Lims Labware, Qualtrics<sup>TM</sup>, Quartz<sup>TM</sup>  
Biostatistical classification (SPSS<sup>®</sup>/Prism<sup>®</sup>) of clinical and molecular data and Case Report Form (CRF) creation in clinical neuroscience.  
Clinical and Psychological Assessment and Psychometrics for sample characterization in cognitive neuroscience and phenome stratification.  
Database generation, Data visualization, Data mining and GUI Toolbox Development for neuroscientific applications (Matlab<sup>TM</sup>).  
Stratification of clinical and molecular data for biomarker research and patient profiling.  
Wetlab BioRad<sup>®</sup> software: Experion automated electrophoresis system software TM, Bio-Plex<sup>®</sup> Multiplex Immunoassay System & Bio-Plex Manage<sup>TM</sup> Software  
Wetlab techniques for sample characterization in molecular biology and proteomics: manipulation and extraction of proteins and DNA from biological samples, capillary electrophoresis, PCR, Multiplex Simultaneous Immunodetection, culture and isolation of bacteria

### **Research Lab, Academic and Institutional Partnerships, Cooperation, Meetings or Visits**

Alvaro de Ferranti, REMOGEN, Canada  
Cosmo Feilding Mellen, Beckley Foundation, UK  
Ana Sebastião, Mind-Brain College and Department of Neuroscience and Pharmacology, University of Lisbon, Portugal  
Ana Vitória Vieira Monteiro, Portas do Sol, Brazil  
Andrea Pensotti, Lead2Be ltd and Saluteuropa Association, Milan, Italy  
Ângela Afonso, Biobank, IMM, Academic Medical Centre of Lisbon, University of Lisbon, Portugal  
Antonio Benitez-Burraco, Universidad de Sevilla, Developmental Biology, Evolutionary Biology, Genetics  
Adrian Belic, Cinematographer | Producer | Director, California, USA  
Berlin School of Mind and Brain, Germany  
Brahma Kumaris, Portugal, UK and India  
Bruno Manadas and research team, BIOCANT/CNC, University of Coimbra, Portugal  
Carina Fernandes, Neurophysiology Lab, Faculty of Psychology and Educational Sciences, University of Porto, Portugal  
Carlo Ventura, Molecular Biology Department, University of Bologna; Laboratory of Molecular Biology and Stem Cell Engineering of the National Institute of Biostructures and Biosystems (NIBB- INBB: [www.inbb.it](http://www.inbb.it)) VID art|science; D-LAB Bologna, Italy  
Chen Wang, CWI, national research institute for mathematics and computer science, Dutch National Science Foundation (NWO), Netherlands  
Constança Bettencourt, Jung Nucleus, Portugal  
Constança Casquinho, NOVA University of Lisbon, Faculty of Economy  
Cristiano Gomes, Cognitive Architecture Research Lab, Minas Gerais Federal University, Brazil  
Daniel Martins, Research Assistant on DPrata Lab, Instituto de Medicina Molecular, University of Lisbon, Faculty of Medicine  
Davide D'Alimonte, European Space Agency, Italy and University of Algarve, Portugal  
Daren Ingre, Phytostan Enterprises, Inc. Commercial development and manufacture of phytopharmaceutical products, Canada  
Dina Mendonça, Lisbon Mind & Reasoning Group, FCSH NOVA University of Lisbon, Portugal  
Diana Prata, iMM, Lisbon Academic Medical Center, Institute of Molecular Medicine, Faculty of Medicine, University of Lisbon, Portugal  
Daniel Sampaio, Faculty of Medicine, University of Lisbon  
Ducla Soares, Faculty of Medicine, University of Lisbon  
ECH, Europe  
Ede Frecska, National Institute of Psychiatry and Neurology, Budapest, Hungary  
Eduardo Luna, Wasiwaska, Florianopolis, Brazil  
Eileen Hall, Icosis Architects, Mindful Architecture, Edinburg, UK

Eva Ndrjo de Carvalho, Instituti Luso-Ilir per Zhvillimin Njerezor (Instituti LIDH), Albania  
Fausto Pinto, AIDFM, Faculty of Medicine, University of Lisbon, Portugal  
Fernandes e Fernandes, Faculty of Medicine, University of Lisbon, Portugal  
François Ansermet, University of Geneva, Psychiatry Department, Switzerland  
George Goldsmith and Katherina Malievskaia, Tapestry Network and Compass Pathways, USA and UK  
Giuseppe Monetti, D-LAB Bologna, Italy  
Giuseppe Vitiello, Department of Physics “E.R.Caianello” and INFN, Italy  
Helena Marujo and Luis Neto, Superior Institute of Social Sciences, University of Lisbon, Lisbon, Portugal  
Hermano Carmo, Gerontology, ISCSP University of Lisbon, Portugal  
Hugo Ferreira and team researchers, IBEB, Faculty of Sciences, University of Lisbon, Portugal  
Inês Macedo, ICEERS, International Centre for Ethnobotanical Education, Research and Service, Barcelona, Spain  
Inês Hipólito, School of Humanities and Social Inquiry, Faculty of Law, Humanities, and the Arts, University of Wollongong, Australia  
Joana Simões, University of Lisbon, Faculty of Medicine, Portugal  
Jorge Gonçalves, Lisbon Mind & Reasoning Group, FCSH NOVA University of Lisbon, Portugal  
José Santos, Institute of Innovation and Research in Healthcare of University of Porto, I3S, Portugal  
José Palma, Faculty of Medicine, University of Lisbon  
João G. Pereira, Doctorate from Middlesex University, Clinical Director of Casa de Alba – Romão de Sousa Foundation.  
José Pádua, Psychiatrist, Casa Saúde Carnaxide, Mental Health Institution, Portugal  
João Meirinhos, Filmmaker, Ethnographer, Producer  
Juka Pentikäinen, Department of Comparative Religion, University of Helsinki, Finland  
Justin Haroun, CforR: Centre for Resilience, University of Westminster, London, UK  
Jules Desmeules, l'Unité d'investigation clinique (HUG), Geneva, Switzerland  
Kunal Sood, Singularity University, USA  
Leona Cavalli, Portas do Sol, Brazil  
Leonor Chaves, Head of Administration of Casa Saúde Carnaxide, Mental health institution, and Joaquim Chaves Saúde, Portugal  
LIMMIT research team, [limmit.org](http://limmit.org)  
Louie Schwartzberg, Moving Art, USA  
Lourenço Xavier de Carvalho, iLIDH, Values University, Mafra, Portugal  
Luís Portela, BIAL, Portugal  
Luís Ribeiro and Isabel Godinho, NMI (National Metrology Institute), IPQ (Instituto Português da Qualidade), Department of Metrology  
Luís Patrício, Director of the Adictology Clinic: Patologia Dual da Clínica de Carnaxide, Portugal  
Mamede de Carvalho, Department of Neuroscience and Pharmacology, University of Lisbon, Portugal  
Manuela Maciel, Portuguese Society of Psychodrama, Portugal  
Manuel Guerreiro, Clinical Director of Casa Saúde Carnaxide, Mental health institution, Portugal  
Margarida Tavares, Waldorf Lus, Portugal  
Mário Durval, ACSS, Health System Central Administration, Portugal  
Mário Simões, University of Lisbon, Faculty of Medicine, Department of Psychiatry  
Marisa Oliveira, Superior Institute of Social Sciences, University of Lisbon, Lisbon, Portugal  
Marlene Barros, Salivatec, Portuguese Catholic University, Portugal  
Marie Schaer, Synapsy, University of Geneva, Switzerland  
Matthieu Ricard, Mind & Life Institute, USA  
Maria Correia, Salivatec, Portuguese Catholic University, Portugal  
Matthew Richard, Mind and Life Institute, USA  
Miguel Castelo-Branco, IBILI, University of Coimbra, Portugal  
Miguel Pereira Lopes, Human Resources Management and Socioeconomic Development Units, ISCSP University of Lisbon, Portugal  
Mónica Carvalho, NOVA University of Lisbon, Faculty of Economy  
Natasha Cola, Department of Philosophy at the University of Genoa  
Nuno Rosa, Salivatec, Portuguese Catholic University, Portugal  
Nuno Sousa, Portuguese Society for Neuroscience, Portugal  
Olga Maria Duarte Silva, University of Lisbon, Faculty of Pharmacy  
Oriola Arifi, Department of Philosophy at the University of Genoa  
Patricia Palma, School of Leadership and Innovation, ISCSP, University of Lisbon, Portugal  
Pedro Miranda, IBEB, FCUL, Portugal  
Piera Talin, Faculty of Social and Behavioural Sciences, Program group Anthropology of Health, Care and the Body, University of Amsterdam, Netherlands  
Portuguese Buddhist Union, Lisbon, Portugal  
Plamen Simeonov, editor of PBMB - Progress in Biophysics & Molecular Biology  
Prem Borle, European Monitoring Centre for Drugs and Drug Addiction (EMCDDA), Europe  
Rick Doblin, MAPS: Multidisciplinary Association of Psychedelic Studies, USA  
Rick Strassman, Cottonwood Research Foundation, USA  
Robert Clows, Lisbon Mind & Reasoning Group, FCSH NOVA University of Lisbon, Portugal  
Ruut Veenhoven, Erasmus University Rotterdam, Netherlands  
Sónia Costa, UTAD University, Portugal

Sofia Machado, BIAL PhD Program, Portugal

Stephan Eliez, University of Geneva, Psychiatry Department, Switzerland

Tania Re and Antonio Guerri, UNESCO CHAIR of Health Anthropology, Biosphere and Healing systems, University of Genoa, Italy

Teresa Champel, Informatics Department, Faculty of Sciences, University of Lisbon, Portugal

Thilo Hinterberger, Research Section of Applied Consciousness Sciences, Department of Psychosomatic Medicine, University Medical Centre Regensburg, Germany

UNICEF, USA

Vera Mendes, BIOCANT/CNC, University of Coimbra, Portugal

Yuval Oded, Department of Psychology and psychophysiology, University of Haifa, Israel

Walter L Siqueira, Western University, Canada

Zachary Mainen, Champalimaud Centre for the Unknown, Neuroscience Programme, Lisbon, Portugal

## Academic Experience

### **Invited Speaker, Invited Teacher, Teaching Assistant, Delegate Teaching Assistant and Delegate Teaching Coordinator [2014;...]**

Integrated Master's Degree on Medicine, Faculty of Medicine, University of Lisbon, 3rd Year, Portugal

Teaching Assistant – 2014

Delegate Teaching Assistant – 2015

Delegate Teaching Assistant – 2016

Martins, J. E. (2014). Meditation - Theory and Research. *Sciences of Consciousness*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon.

<http://tinyurl.com/mcmnpe4>

Martins, J. E. (2014). Sleep and Dreams: From Phenomenology to Neurophysiology. *Sciences of Consciousness*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon.

<http://tinyurl.com/ogf46af>

Martins, J. E. (2015). BCI, Dreams, Meditation, Creativity and Happiness, as an Altered State of Consciousness, in Neuroscience and Medicine. *Sciences of Consciousness*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon.

[https://prezi.com/yr9hye\\_mqler/bci-dreams-meditation-creativity-and-happiness-as-an-altered-state-of-consciousness-in-neuroscience-and-medicine/](https://prezi.com/yr9hye_mqler/bci-dreams-meditation-creativity-and-happiness-as-an-altered-state-of-consciousness-in-neuroscience-and-medicine/)

Martins, J. E. (2015). The Pursuit of Happiness (Theoretical Course). *Sciences of Consciousness*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon.

[http://prezi.com/11x0f8xqqgkt/?utm\\_campaign=share&utm\\_medium=copy](http://prezi.com/11x0f8xqqgkt/?utm_campaign=share&utm_medium=copy)

Martins, J. E. (2015). State and Trait of Consciousness Saliva's Molecular Biomarkers (Practical Course). *Sciences of Consciousness*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon.

<https://prezi.com/11x0f8xqqgkt/the-pursuit-of-happiness-state-and-trait-of-consciousness-salivas-molecular-biomarkers/>

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *Sciences of Consciousness*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon.

<https://prezi.com/11x0f8xqqgkt/the-pursuit-of-happiness-state-and-trait-of-consciousness-salivas-molecular-biomarkers/>

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *Mental Health 3<sup>rd</sup> year*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon.

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *Psychiatry 4<sup>rd</sup> year*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon.

Faculty of Sciences, University of Lisbon, 3<sup>rd</sup> and 4<sup>th</sup> Year, Portugal

Invited Teacher for Clinical Research – 2015

<http://www.di.fc.ul.pt/~tc/projects.htm>

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *BSc in Biomedical Sciences*, University of Lisbon, Portugal, Lisbon.

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *MSc Informatics Engineering*, University of Lisbon, Portugal, Lisbon.

Faculty of Economy, NOVA University of Lisbon, 3<sup>rd</sup> and 4<sup>th</sup> Year, Portugal

Invited Teacher for Clinical Research – 2015

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *MSc in Economics*, NOVA School of Business and Economics, Portugal, Lisbon.

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *MSc in Management*, NOVA School of Business and Economics, Portugal, Lisbon.

Institute of Social and Political Sciences (ISCSP), University of Lisbon, 3<sup>rd</sup> and 4<sup>th</sup> Year, Portugal

Invited Teacher for Clinical Research – 2015

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *BSc in Social Service*, Social Service nucleus, Portugal, Lisbon

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *BSc in Sociology*, Social Service nucleus, Portugal, Lisbon.

Martins, J. E. (2015). Saliva's Molecular Biomarkers (Clinical Research). *BSc in Public Administration*, Social Service nucleus, Portugal, Lisbon.

Post-Graduation: Clinical and Experimental Hypnosis, *Advanced Training Institute* (IFA in Portuguese), Faculty of Medicine, University of Lisbon, Portugal

Invited Teacher – 2014

Delegate Teaching Coordinator – 2015

Delegate Teaching Coordinator – 2016

Teaching Assistant – 2017

Teaching Assistant – 2018

Martins, J. E. (2014). Dreaming and the brain. *Advanced Training Institute*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon

<http://tiny.cc/j4bkfx>

- Martins, J. E. (2014). Case Study of Ecstatic Meditation: fMRI and EEG Evidence of Self-Stimulating a Reward System. *Advanced Training Institute*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon  
<http://tiny.cc/mwbkfx>
- Martins, J. E. (2015). Dreams, Meditation, Creativity and Happiness, as an Altered State of Consciousness, in Neuroscience and Medicine. *Advanced Training Institute*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon, January  
<https://prezi.com/jxup17v2cuiq/dreams-meditation-creativity-and-happiness-as-an-altered-state-of-consciousness-in-neuroscience-and-medicine/>
- Martins, J. E. (2015). Self Consciousness: From Sleep and Dreams to Meditation. *Advanced Training Institute*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon, November  
<https://prezi.com/paw9c0lneipd/self-consciousness-from-sleep-and-dreams-to-meditation/>
- Martins, J. E. (2016). Molecular cognition strategy of a cohort of healthy individuals. *Advanced Training Institute*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon, November  
<https://tinyurl.com/yc7ukk37>
- Martins, J. E. (2016). Results of the II Mind-Brain College Meeting Publication. *Advanced Training Institute*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon, November  
<https://tinyurl.com/y6w9p3h7>
- Martins, J. E. (2017). Sleep Physiology and Dreams: From Psychoanalysis to Neurophysiology. *Advanced Training Institute*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon, November  
<https://tinyurl.com/ya9ta47u>
- Martins, J. E. (2018). Molecular Expression of the Subjective Experience. *Advanced Training Institute*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon, November  
<https://tinyurl.com/y9frvytj>
- LIMMIT Post-Graduation Course: Education in Psychotherapy, *Happiness Active Agents*, Faculty of Medicine, University of Lisbon, Portugal
- Invited Teacher – 2014
- Delegate Teaching Assistant – 2015
- Delegate Teaching Assistant – 2016
- Invited Teacher – 2017
- Invited Teacher – 2018
- Martins, J. E. (2014). Happiness in Ageing. *FITI - Federation of the Institutions of the Elderly*, Lisbon, Portugal
- Martins, J. E. (2014). Neuroscience - Contributes to a Medicine of Happiness. *Life Trajectory Psychotherapist School*, International, Portugal, Lisbon  
<http://tinyurl.com/otzcs4v>
- Martins, J. E. (2014). Human resources valorization protocol. *Social Service Teaching Program*. Service worker body of the National Civil Service, Portugal
- Martins, J. E. (2015). “Formação Participado” 2015: Human resources valorization protocol. *Staff of CHLN, HSM*. Faculty of Medicine, University of Lisbon
- Martins, J. E. (2015). States and Traits of Consciousness. *LIMMIT Post-Graduation Course: Happiness Active Agents*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon  
<https://prezi.com/qoe9-5gvwcjb/states-and-traits-of-consciousness/>  
<https://youtu.be/uTpEgFdA6-o>
- Martins, J. E. (2015). The Pursuit of Happiness. *LIMMIT Post-Graduation Course, Happiness Active Agents*. UNIFESP University, Brazil, September.  
<https://prezi.com/haf6j8-mngcj/the-pursuit-of-happiness-talk-2/>  
<https://youtu.be/uTpEgFdA6-o>
- Martins, J. E. (2015). The Pursuit of Happiness. *LIMMIT Post-Graduation Course, Happiness Active Agents*. Bahia Federal University, Brazil, September.  
[https://prezi.com/k\\_bkoyb2otav/the-pursuit-of-happiness-talk-1/](https://prezi.com/k_bkoyb2otav/the-pursuit-of-happiness-talk-1/)  
<https://youtu.be/uTpEgFdA6-o>
- Martins, J. E. (2015). The Pursuit of Happiness. *LIMMIT Course, Happiness Active Agents*. Ibramena, Brazilian Institute for Natural Medicine, Brazil, September.  
<https://youtu.be/uTpEgFdA6-o>
- Martins, J. E. (2016). Challenges of neuroscience in the study of happiness, a brief and simplified review. *LIMMIT Post-Graduation Course: Happiness Active Agents*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon  
<https://youtu.be/CikgCaOQ3eM>
- Martins, J. E. (2016). Functional and physiological network profiling of cognition. *LIMMIT Post-Graduation Course: Happiness Active Agents*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon
- Martins, J. E. (2016). Neuroscience of meditation. *LIMMIT Post-Graduation Course: Happiness Active Agents*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon
- Martins, J. E. (2016). Neuroscientific study of positive psychology in health. *LIMMIT Post-Graduation Course: Happiness Active Agents*, Fernando Pessoa University, Portugal, Porto  
<https://youtu.be/CikgCaOQ3eM>  
<https://tinyurl.com/y72yne9v>
- Martins, J. E. (2016). Cognitive science approach to the study of meditation. *LIMMIT Post-Graduation Course: Happiness Active Agents*, Fernando Pessoa University, Portugal, Porto

<https://youtu.be/CikgCaOQ3eM>

<https://tinyurl.com/y72yne9v>

Martins, J. E. (2017). Research in neuroscience and the positive psychology correlates. *LIMIT Post-Graduation Course: Happiness Active Agents*, Fernando Pessoa University, Portugal, Porto

<http://www.ufp.pt/curso-agentes-ativos-da-felicidade>

Martins, J. E. (2017). Molecular aspects of wellbeing in Healthcare. *LIMIT Post-Graduation Course: Happiness Active Agents*, Faculty of Medicine, University of Lisbon, Portugal, Lisbon

Neuroscience Course in the Integrated Master's Degree in Biophysics and Biomedical Engineering, Faculty of Sciences, University of Lisbon, 4rd Year, Portugal

Invited Teacher – 2014

Martins, J. E. (2014). Sleep and Dreams: Aspiring for Measurements and Techniques. *Integrated Master's Degree in Biophysics and Biomedical Engineering*, Faculty of Sciences, University of Lisbon, Portugal, Lisbon

<https://prezi.com/ismzfcehzwl1/sleep-and-dreams-aspiring-for-measurements-and-techniques/>

Martins, J. E. (2014). Meditation and Happiness: Engineering a Pathway. *Integrated Master's Degree in Biophysics and Biomedical Engineering*, Faculty of Sciences, University of Lisbon, Portugal, Lisbon

[https://prezi.com/u7eyvle-t\\_5o/meditation-and-happiness-engineering-a-pathway/](https://prezi.com/u7eyvle-t_5o/meditation-and-happiness-engineering-a-pathway/)

Molecular Neuroscience Course in the BSc Degree in Biomedical Sciences, Universidade Católica Portuguesa, 3rd Year, Portugal  
Invited Teacher – 2016

Martins, J. E. (2016). Health Phenomics: A systems biology approach. *Institute of Health Sciences (ICS), Center for Interdisciplinary Research in Health (CIIS)*, Portugal, Viseu, May

<https://tinyurl.com/yc7ukk37>

Martins, J. E. (2016). Functional and physiological network profiling of cognition. Present and Future of Salivary Diagnostics) Workshop + Saliva Camp, *Salivatec, Center for Interdisciplinary Research in Health*, Portugal, Oct

<http://salivacampucp2016.weebly.com/event-info.html>

Mind & Cognition Seminars in the PhD Degree in Philosophy, FCSH NOVA University of Lisbon, 1<sup>st</sup> to 4<sup>th</sup> year, Portugal

Invited Teacher – 2016

Hipólito, I., Martins, J. E. (2016). Saliva functional protein networks as a lived body experience. Mind & Reasoning Group, *IFILNOVA*, Portugal, June

<https://mindandcognition.weebly.com/mind--cognition-seminar.html>

Neurochirurgie Service Seminars, in *Service de Neurochirurgie, Hôpitaux Universitaires de Genève (HUG)*, Postgraduate Medical Education 1<sup>st</sup> to 5<sup>th</sup> Years, Switzerland

Invited Speaker – 2017

Martins, J. E. (2017). Biomarker research in neuroscience. *Service de Neurochirurgie HUG*, Switzerland, March

<https://tinyurl.com/zvg5a3s>

Seminars in the FMH Postgraduate Medical Education in *Psychiatrie et psychothérapie de l'enfant et de l'adolescent*, in *Office Médico-Pédagogique (OMP) Département de l'Instruction Publique (DIP) / Service de psychiatrie de l'enfant et de l'adolescent (SPEA) Hôpitaux Universitaires de Genève (HUG)*, 1<sup>st</sup> to 4<sup>th</sup> Years, Switzerland

Invited Speaker – 2017

Martins, J. E., Hipólito, I. (2017). Phenomenology and molecular biology: a second-person model to anomalous experience. *OMP, Genebra, Switzerland, February*

<https://tinyurl.com/y9vc2vgu>

Martins, J. E. (2017). Clinical Case Presentation: Therapeutic Network in F91.0 Conduct disorder confined to family context. *OMP, Genebra, Switzerland, March*

Martins, J. E. (2017). "Thérapie brève mère-enfant" in F84.0 Childhood autism. *Seminar Approche familiale: Premier entretien et thérapie brève parents-enfant*. OMP / HUG, Genebra, Switzerland, November

Martins, J. E. (2017). In: FREUD, S. Sur le rêve (Connaissance de l'inconscient). *Seminar Introduction à l'oeuvre de Freud I: naissance de la psychanalyse*. OMP / HUG, Genebra, Switzerland, December

<https://tinyurl.com/y8ql9lb3>

Martins, J. E. (2018). Clinical Case Presentation: Adolescent onset of F60.3: Borderline personality disorder. *OMP, Genebra, Switzerland, February*

Martins, J. E. (2018). Clinical Case Presentation: F84.1 Atypical autism vs. F71 Moderate mental retardation. *Seminar Présentations cliniques: Évaluation psychiatrique*. OMP / HUG, Genebra, Switzerland, March

### **Invited Conferences and Symposium [2012;...]**

Champalimaud Centre for the Unknown AR conferences/workshops, Lisbon, Portugal

Society: An ongoing Experiment 2012

Playing with Emotions: Music & the Brain 2013

The path to Happiness: peace or pleasure? 2014

A study in somatic rhythm 2015

Hippocratic Oath, Medical Sciences Faculty, NOVA University of Lisbon, 2013, Lisbon Portugal

Morality and Emotion - (Un)Conscious Journey to Being 2013, Lisbon, Portugal

Meditation and Science 2013, Porto, Portugal

Bial Foundation 10th Symposium - Behind and Beyond the Brain 2014, Porto, Portugal

Waldorf Education: A path for a more Humanistic Education 2014, Lisbon, Portugal

Aya 2014 – World Ayahuasca Conference 2014, Ibiza, Spain

Still Point 2014 - Turning World, Oxford, UK

Exploring the integration of spirituality in healthcare  
Values in Health Care

Peace of Mind 2014 – World Spiritual University, Mount Abu, India

Public Presentation and Launching of the University of Lisbon Colleges: Mind-Brain College, 2015, Lisbon, Portugal

Public Happiness: Happiness diary and global happiness database 2015, Lisbon, Portugal

Waldorf Lus seminar 2015, Lisbon, Portugal

ECH 2015, Lisbon, Portugal

The Turning Point 2015, Lisbon, Portugal

TSC 2015 – Toward a Science of Consciousness, Helsinki, Finland

World Congress on Positive Psychology 2015, Florida, USA

European Congress of Psychology 2015, Milano, Italy

Positive Psychology Congress. Positive Communities and Relational Goods: co-construction of Public Happiness 2015, Lisbon, Portugal

II ICH 2015 - II International Congress of Health, Porto, Portugal

II International Journeys of Clinical Hypnosis 2015, Porto, Portugal

Transpersonal Psychology In Motion, ETPA Annual Conference 2015, Lisbon, Portugal

Cell Biology, Mutant Vibrations, and Coherent Rhythms: A well-being perspective 2015, National Institute of Biostructures and Biosystems, University of Bologna, Italy

Conference “What is Consciousness?” 2015, Mind-Brain College, Faculty of letters, University of Lisbon, Portugal

V Experimental Pathology Congress 2015, EUVG University of Coimbra, Portugal

Values University Inauguration 2016, Values University, Mafra, Portugal

4th Mind, Brain, Body Symposium 2016, Berlin School of Mind and Brain, Germany

Bial Foundation 11th Symposium - Behind and Beyond the Brain 2016 Porto, Portugal

Conference "Life, death and Science" 2016, Higher Institute of Applied Psychology – ISPA, Lisbon, Portugal

Oceans Business Week/Oceans Meeting 2016, AIP Foundation and the Portuguese Ministry of the Sea, Lisbon Congress Center, Portugal

Science 2016: Science and Technology Foundation, Lisbon Congress Center, Portugal

Le PEI : quelles incidences sur nos pratiques professionnelles? 2017, Département de l'instruction publique, de la culture et du sport (DIP), République et Canton de Genève, Switzerland.

Science 2017: Science and Technology Foundation, Lisbon Congress Center, Portugal

L'Office Médico-Pédagogique (OMP): nouveaux dispositifs 2017, Département de l'instruction publique, de la culture et du sport (DIP), République et Canton de Genève, Switzerland.

fPmh 2018 Kongress: Société Suisse de Pédiatrie, Société Suisse de Chirurgie Pédiatrique, Société Suisse de Psychiatrie et Psychothérapie de l'Enfant et de l'Adolescent, Lausanne, Switzerland

### **Congress organization [2014;...]**

Vice president of the organization commission of the ECH Spring meeting 2015, Faculty of Medicine, University of Lisbon, April 2015

Member of the organization commission of the 2nd PhD Students Meeting of the Mind-Brain College, Faculty of Medicine, University of Lisbon, November 2016

<https://colegiamente-cerebro.ulisboa.pt/wp-content/uploads/2016/09/Abstract-Book-Mind-Brain-College-Meeting-2016.pdf>

Convener of the Round Table (Scientific Panel): Ayahuasca - Why is classification so important, in Lisbon Addictions 2017, the second European Conference on Addictive Behaviours and Dependencies, October 2017

<http://www.lisbonaddictions.eu/lisbon-addictions-2017>

### **Conference Organization [2015,...]**

Member of the organization commission of the Public Happiness conference, 2014

Superior Institute of Social Sciences, University of Lisbon, Lisbon, Portugal

Organization of the Faculty of Medicine, University of Lisbon, part of the whole event

Social Communication: poster and teaser; World Café Coffee break

Member of the organization commission of the PortuGraal 2015

Social communication and event production

<http://portugraal.weebly.com>

Member of the organization commission LIMMIT lab Opening Ceremony, 2015

Organization and audio-visual and social media communication

Faculty of Medicine, University of Lisbon, Portugal

Member of the organization commission of LIMMIT Workshop: Consciousness, February 2016

Faculty of Medicine, University of Lisbon, Portugal

<http://www.portadosol.org.br/a-fundadora/biografia>

Member of the Mind-Brain Lectures Commission, University of Lisbon: Faculty of Sciences, Faculty of Pharmacy, Faculty of Letters, Faculty of Medicine, Faculty of Psychology, Higher Technical Institute (*Técnico*) and Institute of Social Sciences, Monthly [2016;...]

<https://colegiamente-cerebro.ulisboa.pt/event/mind-brain-lectures-16/>

Member of the organization commission of the Research and Innovation in Saliva Application (Present and Future of Salivary Diagnostics) Workshop + Saliva Camp, Salivatec, Center for Interdisciplinary Research, Universidade Católica Portuguesa, October 2016

<http://salivacampucp2016.weebly.com/event-info.html>

## Education and Training Experience

### **First Year's Bachelor [2004;2005]**

FCT - Faculty of Science and Technology - NOVA University of Lisbon, Portugal

<http://www.fct.unl.pt/en/faculty>

Curriculum Completed (60 ECTS):

Mathematics

Physics

Electrical and Computer Engineering

### **BSc Health Sciences [2006;2009]**

Faculty of Medicine - NOVA University of Lisbon, Portugal

<http://www.fcm.unl.pt/pt>

180 ECTS

### **MD Medicine [2006;2013]**

Faculty of Medicine - NOVA University of Lisbon, Portugal

<http://www.fcm.unl.pt/main/index.php?lang=en&Itemid=351>

Integrated Master's Degree – 15/20 classification (360 ECTS)

### **MD - Master Thesis [2013]**

Faculty of Medicine - NOVA University of Lisbon, Portugal

Master Thesis Degree - 18/20 classification (60 ECTS)

Martins, J. E. (2013). Integrated Master's Thesis in Medicine: Medical Clinical Internship Report. *Faculty of Medicine, NOVA University of Lisbon*, June.

<http://www.jorgeemanuelmartins.org/integrated-master-degree-in-medicine-thesis.html>

### **Physician - Medical Clinical Internship [2012;2013]**

Faculty of Medicine - NOVA University of Lisbon, Portugal

Internship Classification - 17/20 (60 ECTS)

Internal Medicine - Hospital São Francisco Xavier (Grade 16/20)

Surgery - Hospital Beatriz Ângelo (Grade 14/20)

Pediatrics - Hospital CUF Descobertas (Grade 18/20)

Obstetrics and Gynecology - Hospital CUF Descobertas (Grade 18/20)

Mental Health (with Infant and Adolescent Psychiatry) - Hospital Egas Moniz and Hospital S. Francisco Xavier (Grade 17/20)

General Practice and Family Medicine - Centro Saúde: Concelho Odemira (Grade 16/20)

Preparation Clinical Practice (Grade 16/20)

Elective Clinical Rotation in Research - Champalimaud Centre for the Unknown, Neuroscience Programme (Grade 16/20)

### **Clinical Internship – Psychiatry [2013,2014]**

Medical Faculty, University of Lisbon, Lisbon (Portugal)

Hospital de Santa Maria - CHLN, Psychiatry Service

Clinical: External consultation, Pr M. Simões.

Theoretical: Integrated Master's in Medicine courses: 3<sup>rd</sup> year Mental Health; 4<sup>th</sup>/5<sup>th</sup> year Psychiatry I and Sciences of Consciousness

### **Clinical Internship – Child and Adolescent Psychiatry [2015]**

Office Médico-Pédagogique (OMP) – Service de psychiatrie de l'enfant et de l'adolescent (SPEA) Hôpitaux Universitaires de Genève (HUG), Switzerland

**Clinical:** Day hospital (outpatient facility - centre médico-pédagogique) and external consultation.

**Theoretical:** Postgraduate Education: "Introduction à la psychiatrie de l'enfant et de l'adolescent pour les nouveaux thérapeutes"; "Présentations cliniques: Évaluation psychiatrique, Pr B. Cramer et Pr S. Eliez" and "Séminaire d'actualisation médicale: Intervention dans la phase prodromale des troubles psychotiques, Prof. Philippe Conus, département de psychiatrie de la faculté de médecine de Lausanne"

### **PhD - Neuroscience [2013;...]**

University of Lisbon - Faculty of Medicine - Institute of Neuroscience and Pharmacology

<http://www.medicina.ulisboa.pt/ensino/formacao-avancada/programas-de-doutoramento/neurociencias/apresentacao/>

Approved 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> years

Doctoral dissertation estimated for 2019 (240 ECTS)

### **PhD – Neuroscience, Academic Year [2013;2014]**

University of Lisbon - Faculty of Medicine - Institute of Neuroscience and Pharmacology

<http://www.medicina.ulisboa.pt/>

Curriculum Year Degree - 16/20 classification (60 ECTS)

Cellular and Molecular Neurobiology (Grade 15/20)  
Neuronal Circuits (Grade 16/20)  
Neuronal Degeneration and Regeneration (Grade 16/20)  
Autonomous Function (Grade 17/20)  
Clinical Neurophysiology (Grade 15/20)  
Computational Neuroscience (Grade 17/20)  
Neuroethics (approved)  
Neuroanatomy and Neuroimaging (Grade 14/20)  
Neuropathology (Grade 15/20)  
Cognitive Functions (Grade 17/20)  
Cognitive Deterioration, Dementia and Aging (approved)  
Biostatistics (Grade 15/20)  
Research in Clinical Neuroscience (Grade 19/20)  
Therapeutic Research in Neuroscience (Grade 17/20)  
Project Planning (Grade 15/20)

#### **PhD – Neuroscience (Biomedical Sciences), Thesis [2014;2018]**

University of Lisbon - Faculty of Medicine - Institute of Neuroscience and Pharmacology

Title: Functional and physiological network profile of cognitive health (registered 21.10.2016)

Final Title: Molecular Profiling in Neurotypical Young Adults: (i) cognitive stratification and (ii) characterization of the neuronal-oral proteome and neuropeptide/neuroinflammatory response.

Keywords: Biology of Cognition, Computational Biomedicine, Data Mining and Machine Learning, Mental Health, Molecular and Systems Neuroscience, Multiomics, Neurophenomenology and 4E Cognition

Primary Supervisors

Pr M. Simões, Department of Psychiatry, Faculty of Medicine, University of Lisbon

Pr M. Barros, Institute of Health Sciences (ICS), Center for Interdisciplinary Research in Health (CIIS), Universidade Católica Portuguesa

Secondary Supervisors

Mme T. Rodrigues, IMM (Institute of Molecular Medicine), Faculty of Medicine, University of Lisbon

Dr D. D'Alimonte, CIMA, University of Algarve, Portugal

Pr M. J. Correia, Salivatec, Center for Interdisciplinary Research in Health (CIIS), Universidade Católica Portuguesa

Pr N. Rosa, Salivatec, Center for Interdisciplinary Research in Health (CIIS), Universidade Católica Portuguesa

Mme I. Hipólito, Mind & Reasoning (Cognition) Group, Institute for Philosophy of NOVA, NOVA University of Lisbon

Ethical Committee approbation (14.01.2015)

Pr M. L. Figueira, Ethics Committee of the Academic Medical Center of Lisbon, CHLN/FMUL/IMM, University of Lisbon

Pr J. P. Miguel, Ethics Committee of the Academic Medical Center of Lisbon, CHLN/FMUL/IMM, University of Lisbon

Scientific Committee approbation (11.10.2016)

Pr A. Sebastião, Institute of Pharmacology and Neurosciences, Faculty of Medicine, University of Lisbon

Pr I. P. Martins, Institute of Pharmacology and Neurosciences, Faculty of Medicine, University of Lisbon

Pr M. de Carvalho, Institute of Pharmacology and Neurosciences, Faculty of Medicine, University of Lisbon

Review Article

Martins, J. E., Simões, J.F., Sousa, S., Rosa, N., D'Alimonte, D., Esteves, E., Fernandes, M., Marques, T., Correia, M.J., Simões, M., Barros, M. (*in prep*). MultiOmics Data visualization INteGration: Functional and physiological healthy network profiling of cognition. *Frontiers in Integrative Neuroscience*, manuscript in initial preparation.

Lecture on Review Article

Martins, J. E. (2014). "Neuroscience - Contributes to a Medicine of Happiness". LIMMIT, Faculty of Medicine, University of Lisbon

<http://tinyurl.com/otzcs4v>

Thesis Project

Presentation Link: <http://tinyurl.com/nrr9299>

Written Paper Link: <http://www.jorgemanuelmartins.org/written-thesis-project.html>

Martins, J. E., Pacheco, A., Simões, M. (*in press*). Towards a Medicine of Happiness. *Happiness Active Agents*, Lisbon, Lidel.

<http://www.jorgemanuelmartins.org/review-article.html>

#### **Psychotherapy Training - Clinical and Experimental Hypnosis [2013,2014]**

Medical Faculty, University of Lisbon, Lisbon (Portugal)

University of Lisbon - Faculty of Medicine - Advanced Training Institute

<http://www.medicina.ulisboa.pt/ensino/formacao-avancada/cursos-de-aperfeicoamento/>

Contents: Self- Hypnosis and Meditation; Clinical Hypnosis in Psychiatry and Internal Medicine; Analgesia and Anesthesia; EMDR Eye movement desensitization and reprocessing; Neuro-linguistic programming; Neurophysiology and Neurobiology of Subjective Experience; Legal and Ethical Issues; Introduction to Cognitive behavioral therapy; Breathing and relaxation techniques: physiology of the neurovegetative system; Deep memory processing; Gestalt; Psychodrama; Jung and Ethnopsychiatry.

#### **Psychotherapy Training - Life Trajectory and Positive Psychology [2013,2014]**

### **Psychotherapy Training - Approche psychodynamique psychanalytique [2016,2018]**

Office Médico-Pédagogique (OMP) – Service de psychiatrie de l'enfant et de l'adolescent (SPEA) Hôpitaux Universitaires de Genève (HUG), Switzerland

Supervised (individually and in group, total of 190 crédits - *FMH exigence selon l'Office fédéral de la santé publique*) by Dr. Silke Kratel Cañellas (FMH Psychiatrie et psychothérapie de l'enfant et de l'adolescent - 2006) and Mme. Doriane Roditi Buhler (FSP Psychologue spécialiste en psychothérapie - 2001) - Société Suisse de Psychanalyse (SSPa) / Commission Suisse de Psychanalyse d'enfants et d'adolescents (COSPEA)

<http://www.psychanalyse.ch/fr/membres>

Supervised (in weekly psychotherapeutic sessions): a 7-year-old female, an 8-year-old male, a 9-years-old male, a 10-year-old male, a 12-year-old and a 14-year-old male

Supervised (individually and in group, total of 111 crédits - *FMH exigence selon l'Office fédéral de la santé publique*) by Dr. I. Mauraza and Dr. A. Imhof (FMH Psychiatrie et psychothérapie de l'enfant et de l'adolescent)

Weekly FMH resident supervision of a total of 102 patients: 11 preschool males; 7 preschool females; 60 grade-schooler males; 10 grade-schooler females; 11 male teens, and 3 female teens.

### **Postgraduate Medical Education [2016;...]**

FMH - Psychiatrie et psychothérapie de l'enfant et de l'adolescent

Office Médico-Pédagogique (OMP) Département de l'Instruction Publique (DIP) / Service de psychiatrie de l'enfant et de l'adolescent (SPEA) Hôpitaux Universitaires de Genève (HUG), Switzerland

[https://www.hug-ge.ch/sites/interhug/files/structures/psychiatrie\\_de\\_lenfant\\_et\\_de\\_ladolescent/2016-2017\\_programme\\_de\\_formation\\_postgraduee\\_et\\_continue\\_omp-spea.pdf](https://www.hug-ge.ch/sites/interhug/files/structures/psychiatrie_de_lenfant_et_de_ladolescent/2016-2017_programme_de_formation_postgraduee_et_continue_omp-spea.pdf)

2016-2017

*FMH exigence: 198 crédits*

Introduction à la psychiatrie de l'enfant et de l'adolescent (Eliez, S., Ansermet, F. et al., Psychiatry Department, Faculty of Medicine, University of Geneva) (Grade 100%)

Concepts de base en psychopathologie et psychothérapie (Eliez, S., Ansermet, F. et al., Psychiatry Department, Faculty of Medicine, University of Geneva) (Grade 91%)

Cycle de conférences sur le thème "le traumatique" (Eliez, S., OMP) (Grade 100%)

Les traumatismes et leurs effets de désobjectivation (Roussillon, R.)

Impact du traumatique sur le fonctionnement psychique des enfants et adolescents (Ducrocq, F.)

Défi de la prise en charge des mineurs isolés (Leconte, J.)

Réalités violentes et causalités psychiques chez les jeunes réfugiés (v Overbeck, S.)

Intersubjectivité biaisée par le traumatisme maternel: implications pour la transmission intergénérationnel (Schechter, D.)

Introduction à la psychiatrie d'enfants et adolescents: sémiologie, examen clinique, diagnostique et technique d'entretien (Ansermet, F. et al., Psychiatry Department, Faculty of Medicine, University of Geneva) (Grade 100%)

4 Mini-CEX Evaluations en milieu de travail: Office Médico-Pédagogique (Eliez, S., Mauraza, I., Imhof, A., FMH Psychiatrie et psychothérapie de l'enfant et de l'adolescent) (Grade: "Excellent entretien d'investigation thérapeutique et diagnostique.")

Psychopharmacologie de l'enfant et de l'adolescent (Armando, M., Nanzer, N., OMP / SPEA) (Grade 100%)

Présentations cliniques: Évaluation psychiatrique (Eliez, S., Ansermet, F. et al., Psychiatry Department, Faculty of Medicine, University of Geneva; Perret-Catipovic, M., OMP) (Grade 100%)

2017-2018

*FMH exigence: 200 crédits*

Approche familial: premier entretien et thérapie brève parents-enfant (Cramer, B., SPEA; Eliez, S., Faculty of Medicine, University of Geneva) (Grade 100%)

Cycle de conférences sur le thème "Ruptures et résiliences" (Eliez, S., OMP) (Grade 100%)

La rupture comme mise en évidence du lien (Roussillon, R.)

Eloge de la rupture et de la crise; pour une clinique du changement possible (Venturini, A.)

Violence, rupture et transformation dans la clinique des soins pénalement ordonnés (Ravit, M.)

Retrait de la subjectivité et réponses thérapeutiques (Brun, A.)

Résilience de vie et de mort à l'aube de la vie (Missonnier, S.)

Acculturation chez l'enfant: processus de construction; expressions en pédopsychiatrie (Coyer, G.)

Concepts de base en psychopathologie et psychothérapie (Eliez, S., Faculty of Medicine, University of Geneva; Micali, N., SPEA) (Grade 100%)

Interventions dans le milieu scolaire: théorie et méthodologie (Spillmann, A., OMP; Wenger, S., OMP) (Grade 100%)

Introduction à l'œuvre de Freud I (Trojan, D., SPEA) (Grade 100%)

Présentations cliniques: Évaluation psychiatrique (Micali, N., SPEA; Eliez, S. and Perret-Catipovic, M., OMP) (Grade 93%)

Psychopathologie et son évaluation à l'adolescence (Perret-Catipovic, M., OMP) (Grade 93%)

Séminaire de médecine légale / droit civil (Walter-Menzinger, M., SPEA) (Grade 100%)

FMH - Pédiatrie

15 crédits - *FMH exigence selon l'Office fédéral de la santé publique*

fPmh 2018 Kongress: Société Suisse de Pédiatrie, Société Suisse de Chirurgie Pédiatrique, Société Suisse de Psychiatrie et Psychothérapie de l'Enfant et de l'Adolescent, Lausanne, Switzerland

<http://www.fpmh2018.ch/fr/index.html>

### **Continuous Medical Education [2016;...]**

Office Médico-Pédagogique (OMP) Département de l'Instruction Publique (DIP) / Service de psychiatrie de l'enfant et de l'adolescent (SPEA) Hôpitaux Universitaires de Genève (HUG), Switzerland

2016-2017

*FMH exigence: 53 crédits*

Séminaires d'actualisation pour les médecins - Child and Adolescent Psychiatry (Eliez, S., Faculty of Medicine, University of Geneva)

Introduction au principe du Neurofeedback et ses effets sur les enfants avec TDA/H (Ottet, M-C.)

Autisme : diagnostic et prise en charge thérapeutique (Schaer, M.)

Remédiation cognitive comme outil d'intervention pour les troubles psychotiques (Schneider, M.)

Guidelines d'exams médicaux complémentaires à faire en cas de prescription de neuroleptiques, psychostimulants et SSRI (Itty, S., OMP)

Approche thérapeutique basée sur la mentalisation MBT (Imhof, A., OMP)

Introduction à la problématique du Syndrome psychotique atténué, à son évaluation et au SIPS (Structured Interview for Psychosis-Risk Syndromes) (Armando, M., Schultze-Lutter, F.)

Séminaire des responsables thérapeutiques (Mégevand, J.)

Du Doute à l'annonce du Diagnostique (Itty, S., OMP & Service de pédiatrie générale, Hôpitaux Universitaires de Genève)

2017-2018

*FMH exigence: 56 crédits*

Séminaires d'actualisation pour les médecins - Child and Adolescent Psychiatry (Eliez, S., Faculty of Medicine, University of Geneva)

Examens complémentaires lors d'emploi de psychotropes en pédopsychiatrie (Itty, S., OMP)

Impact des troubles de la vision binoculaire sur les apprentissages (Duvillard, E., American Academy of Optometry)

TDAH: Comparaison de la bioéquivalence et de l'efficacité clinique des préparations de méthylphénidate à libération modifiée (Gleitz, M., Medice Arzneimittel Pütter GmbH & Co.KG)

Fonctions exécutives et cognitives en lien avec l'ADHD (Schneider, M.)

Urgences pédopsychiatriques. Actualisation des prises en charge (Barbe, R., SPEA HUG)

Accompagnement théorico-clinique des responsables thérapeutiques: Réunions interinstitutionnelles (Mégevand, J., OMP)

Accompagnement théorico-clinique des responsables thérapeutiques (Sepulveda, J., OMP; Pascual Sanchez, T., OMP)

Troubles cognitifs et des apprentissages à l'adolescence (Armando, M. and Schaer, M., Faculty of Medicine, University of Geneva)

Approche thérapeutique basée sur la mentalisation (TBM) et alliance thérapeutique (Auckenthaler, B. and Cascone, P., OMP)

### **Advanced and Continuous Scientific Education [2014;...]**

GTPB:GTDA The Gulbenkian Training Programme in Bioinformatics : Genomic and Transcriptomic Data Analysis

<http://gtpb.igc.gulbenkian.pt/bicourses/index.html>

Gulbenkian Science Institute, Portugal

Research and Innovation in Saliva Application (Present and Future of Salivary Diagnostics) Workshop + Saliva Camp, Salivatec, Center for Interdisciplinary Research, Universidade Católica Portuguesa, Portugal

<http://salivacampucp2016.weebly.com/event-info.html>

Pedagogy and Medical Education Day

Faculty of Medicine, University of Lisbon, Portugal

IMI (Innovative Medicines Initiative) 2 - Call 10: Personalised medicine approaches in autism spectrum disorders, Europe's partnership for health <https://www.imi.europa.eu/>

Introduction to High-Risk Psychotic Syndrome and its evaluation and the SIPS (Structured Interview for Psychosis-Risk Syndromes)

Office Médico-Pédagogique (OMP) – Service de psychiatrie de l'enfant et de l'adolescent (SPEA) Hôpitaux Universitaires de Genève, Switzerland

Du Doute à l'annonce du Diagnostique

Office Médico-Pédagogique (OMP) – Service de pédiatrie générale, Hôpitaux Universitaires de Genève, Switzerland

Trauma and mental health: Advances in EMDR therapy

Milano, Italy

Pneuma breathwork (Pneuma system) Workshop

ETPA, Lisbon, Portugal

Meaning attribution in psychology Workshop

ETPA, Lisbon, Portugal  
Art Psychotherapy  
SPAT, Portuguese Society of Art Psychotherapy, Lisbon, Portugal (Not completed)  
Intensive course of Art-Therapy for children and adolescents  
SPAT, Portuguese Society of Art Psychotherapy, Lisbon, Portugal  
Drawing as an evaluation tool in child psychiatry  
CRIAP, Lisbon, Portugal  
BDORT - Bi-Digital O-Ring Test  
Cova da Beira Hospital Centre (E.P.E), Portugal  
Meditation, Mindfulness and Healing: The significance of findings in Mind-Matter interaction research  
Bial Foundation 11th Symposium "Behind and Beyond the Brain", Porto, Portugal  
Still Point - Turning World - Exploring the integration of spirituality in healthcare  
Values in Health Care, Oxford, UK  
The Foundation Course in Raja Yoga Meditation  
World Spiritual University, Mount Abu, Ahmedabad, India  
Meditation Course  
Brahma Kumaris World Spiritual University, Portugal  
<http://www.environment.brahmakumaris.org/>  
LIMMIT Workshop: "Consciousness"  
Faculty of Medicine, University of Lisbon, Portugal

#### **Non-specific education [2000;...]**

Professional Education Certificate in French, (SIGO) Sistema de Informação e Gestão da Oferta Educativa e Formativa,  
<http://www.dgeec.mec.pt/np4/home>  
Surf/Snowboard worldwide practice [2000;...]. *In* Portugal, Brazil, Spain, France, Switzerland, India, Maldives, Costa Rica and  
Panama Border.  
Shinpiden & Raja/Hatha/Sámkhya Yoga [2006;...]  
The Yoga Portuguese Confederation, <http://www.confederacaoportuguesadoyoga.com.pt/lang/en>  
Espaço Prána, Portugal, <https://www.yogaespacoprana.pt/>  
So Ham, Switzerland, <http://www.soham.yoga/>  
Introduction to Alpinism Course, 7 cumes, Portugal, [www.7cumes.pt/](http://www.7cumes.pt/)

## Clinical, Scientific and Academic Projects and Grants

### LIMMIT lab, Faculty of Medicine, University of Lisbon, [2014;...]

Funded: Laboratory (Installations, Materials and Reagents) research infrastructures

#### Institutional Protocols and Funds

Co-duties as chief of laboratory

BIAL Foundation (2015). LIMMIT Lab academic setting and installation of research materials/methods. **50.000€**

BIAL Foundation (2014, 2015 and 2016). LIMMIT annual research reports.

With Director of Faculty of Medicine, University of Lisbon

Creation of lab and scientific reports

Statute: as associated lab of the faculty of Medicine of University of Lisbon and proposal for LIMMIT as an Autonomous Research Unit (**not accepted**)

With Pedagogic Committee of Faculty of Medicine, University of Lisbon

Submission of optative/optional neuroscience and psychiatry courses for the MSc in Medicine curriculum (**not accepted**)

Establishment of Internal Regulation, <https://tinyurl.com/ycmbehpu>

Preparation of documentation for Cattedre UNESCO submission

<http://www.unesco.it/it/ItaliaNellUnesco/Detail/194>

Establishment of Humanitarian Aid protocols with UNICEF and Médecins du Monde

As co-founder of the Centre for Consciousness Knowledge (refer to publications)

ILIDH Instituto Luso-lírio para o Desenvolvimento Humano (iLIDH) & Values University (2015). Centre for Consciousness Knowledge creation (structures and equipment). *Research Fund Protocol LIMMIT – ILIDH/Values University*, **75.000€**

Extension of LIMMIT Lab & Values University

Creation, development, maintenance and extension of activities of mind-matter interaction to study subjective experience

Partnership with research bursary attribution by IBEB: Institute of Biophysics and Biomedical Engineering, Faculty of Sciences, University of Lisbon. 2 scholarships attributed by Ferreira, H. (2014) for the Development of applications of physiological computation for interactive museum.

#### Neuroscience Research

Setting digital bibliography and neuroscientific technology

Collaboration with Tapestry Network and Compass Pathways (USA) to initiate translational research T2 with Psilocybin

Collaboration with Wasiwaki Centre (Brazil) to initiate research with entheogens

Setting BioBank protocol with Institutions: IMM and LIMMIT, Faculty of Medicine, University of Lisbon / SalivaTec Department of Health Sciences, Health Sciences Institute, Portuguese Catholic University

Saliva Bio Bank for data mining in psychiatry/neurological etiologies and subjective experience biomarkers (refer to publications)

Interuniversity protocols for student's integration in consortium laboratories for the study of the biomarker research neuropsychiatric disorders and of phenomenology: Hipólito, I; Simões, J. F.

#### Projects Funds Submission as chief of Lab

“Calibration of Hamamatsu Photonics H11890 Series” – PI: Ricardo Cabeças/António Cabrita; “Bio electromagnetic interaction between people on the basis of Alpha/ Theta synchrony of body movement, heart and brain waves synchronization” - PI: Margaretta Bubnic; “Brain2Brain extrasensory communication and influence” - PI: Ricardo Maximiano; “Brain dynamics in Chronic Pain treated with Multimodal neurofeedback Environment, Hypnosis and Mindfulness” - PI: Tania Re; “Homeopathic Pathogenetic Experimentation of Ayahuasca and Prospective Neuropsychological Effects” - PIs: David Nascimento and Rui Perestrelo; “Induction of a peak experience under hypnosis in a Laboratory environment” - PI: Paulo Maia; “Neural and Psychophysiological effects resulting from the application of a relaxing function Bio magnetic Pair onto the human body” - PI: Hugo Figueiras; “P.L.A.N.T.S” - PI: Tania Re; “Psychophysiological correlations in the integrative oncology approach” - PI: Tania Re; “Science of Consciousness & Integrative Medicine” - PI: David Moreira Nascimento; “Assessing consciousness level during hypnoanesthesia” - PI: Joana Macedo Cunha;

### Centre For Consciousness Knowledge [2015;2017]

#### Supervision and Coordination

Informatics department (CCK, VU, FICUL, IBEB, informatics' FMUL)

Applications development (Unity and Unreal 3D)

Biophysics and Biomedical Engineering department (IBEB)

Bio sensing technology (Kinect, eye tribe, leap motion) and Prototype development

Graphics and Equipment Design department

Web design, illustration and game development (e.g. Museum Tutor), Conceptualization of interactive space of the museum, Audio-visual department partnerships and social work (e.g. Teaser and Photo log) and Web media social communication (e.g. Website with content uploading and Image, Video, Music asset structuring)

Education department

Pedagogic Guidelines Creation: analogic and digital (html5, articulate storyline) and Talks on applied Bio sensing and monitoring of physiological data

*Development and collaboration in Museum Activities*

Immersive environments

Technology implementation in Museum setting, BCI and Bio sensing technologies (e.g. Kinect, Avatar creation, 360° Audio-visual environments, Oculus Rift DK2, Eye Tribe, Audio Visualization, GPS, Sound engineering, Communication protocols Neurosky and Spark)

Education and Interactive Scripts

Socio-Neural Literacy (interactive pedagogic concept), Interactive and digital games development and team integration (IBEB, FC, UL), Hardware and Software Integration and Philosophic conceptualization of Universal Values

*Protocol establishment and Project Management*

Administration and finance coordination

AIDFM, FM-UL, LIMMIT, VU, IBEB, Registration as a museum for audio-visual expositions

Education for Science

LIMMIT, FM-UL and VU and Public Happiness with VU

**MolecularCog(G) [2016;...]**

Salivatec, Institute of Health Sciences, Center for Interdisciplinary Research in Health, Universidade Católica Portuguesa, Portugal.

<https://www.limmit.org/teams.html>

<http://salivatec.viseu.ucp.pt/wordpress/biomarkers/>

As Scientific Responsible,

Salivatec [2016,...]. Funded materials, methods and reagents for combined neuroscientific-molecular biology research.

*Senior Researchers in Collaboration*

Marlene Barros - Scientific Lab Coordinator [https://www.researchgate.net/profile/Marlene\\_Barros](https://www.researchgate.net/profile/Marlene_Barros)

Maria José Correia - Microbiology/Molecular Biology [https://www.researchgate.net/profile/Maria\\_Correia9](https://www.researchgate.net/profile/Maria_Correia9)

Nuno Rosa - Computational Biomedicine [https://www.researchgate.net/profile/Nuno\\_Rosa](https://www.researchgate.net/profile/Nuno_Rosa)

Mário Simões - Mental Health [https://www.researchgate.net/profile/Mario\\_Simoes8](https://www.researchgate.net/profile/Mario_Simoes8)

Davide D'Alimonte - Data Mining and Machine Learning - <https://scholar.google.com/citations?user=cUX65NsAAAAJ&hl=en>

Teresa Marques – Biostatistics [https://www.researchgate.net/profile/Teresa\\_Rodrigues4](https://www.researchgate.net/profile/Teresa_Rodrigues4)

*Junior Researchers*

Inês Hipólito - Neurophenomenology and 4E Cognition [https://www.researchgate.net/profile/Ines\\_Hipólito](https://www.researchgate.net/profile/Ines_Hipólito)

*Assistant Researchers*

Joana Filipa Simões - Molecular Neuroscience [https://www.researchgate.net/profile/Joana\\_Filipa\\_Simoes](https://www.researchgate.net/profile/Joana_Filipa_Simoes)

Sara Sousa - Genomics and Microbiomics [https://www.researchgate.net/profile/Sara\\_Sousa23](https://www.researchgate.net/profile/Sara_Sousa23)

*Projects approved*

H2020: "Molecular insight into Autism Spectrum Disorder (ASD), coordinated by Universidade Católica Portuguesa and approved by Coordinated Research Infrastructures Building Enduring Life (CORBEL) consortium.

<http://salivatec.viseu.ucp.pt/wordpress/sponsors/>

<https://www.limmit.org/grants.html>

*Activities*

MolecularCog(G) task log, MolecularCog(G) graphical design, MolecularCog(G) social networking service.

**Salivatec [2015,...]**

Salivatec, Institute of Health Sciences, Center for Interdisciplinary Research in Health, Universidade Católica Portuguesa, Portugal

Funded: Laboratory (Installations, Materials and Reagents) research infrastructures

*Projects participation*

Oral microbiome and host health: is the Firmicutes/Bacteroidetes ratio an indicator of oral and systemic health?

<https://tinyurl.com/y8fouv4j>

Biomarker Research of the Subjective Experience. <https://tinyurl.com/yd8rhhyy>

*Activities*

Introduction to immunology research: Merck Millipore® Th17 cytokine and Miliplex® (cortisol, melatonin, beta-endorphin, oxytocin, substance p) assays choice and execution/running.

Introduction to microbiology research: Bacteroidetes / Firmicutes choice and growing; Venny™ potting; literature revision of antibiotic resistance; Microbiological culture, qPCR, PCR; Study of the oral microbiome interactome.

**Happiness Active Agents [2014;...]**

Co-author, delegate teaching assistant and coordinator

International Project of Psychotherapy Training - Life Trajectory and Positive Psychology

Faculty of Medicine and the School of Social and Political Sciences, University of Lisbon

<http://www.trajetoriadevidapositiva.com/>

Journal Publications

Martins, J. E., Pacheco, A., Simões, M. (*in press*). Towards a Medicine of Happiness. *Happiness Active Agents*, Lisbon, Lidel.

Help editing

Oliveira, M., Simões, M. (*in press*). *Agentes Activos da Felicidade*, Lidel, Lisbon, Portugal

Community Projects

Brazil and Portugal (1200 subjects), collaboration in congress presentations

Women with domestic violence, stressed workers, infertile women, elderly, and school children

FITI - Federation of the Institutions of the Elderly

Activities

Main Education Program, Education in institutions, Peer-Reviewed Congress Publications.

<https://youtu.be/uTpEgFdA6-o>

Participation and disclosure

Zen Magazine

World Congress on Positive Psychology, Florida, June 2015

RTP, <https://youtu.be/Y1Bw2VRtDQs>

## Grants [2014;...]

*Granted*

European Union's Horizon 2020 CORBEL, research and innovation programme grant agreement No. 65424 - CORBEL PID2277 Molecular insight into Autism Spectrum Disorder (ASD). *Coordinated Research Infrastructures Building Enduring Life-science Services*. [2017;...] (as proponent team)

<http://salivatec.viseu.ucp.pt/wordpress/sponsors/>

<https://www.limmit.org/grants.html>

Salivatec, Institute of Health Sciences, Center for Interdisciplinary Research in Health, Universidade Católica Portuguesa, Portugal

### Developed

Preliminary research started: Sample collection method: Oragene® disc kits and clinical cohort defined

### Collaboration with

Marie Schaefer, NCCR-Synapsy, UNIGE - University of Geneva

Alexander Prokopios Polyzos, Biomedical Research Foundation | brfaa · Centre of Basic Research II

Altuna Akalin, Berlin Institute of Medical Systems Biology at Max-Delbrück Center

Brendan Osberg, Berlin Institute of Medical Systems Biology at Max-Delbrück Center

Christian Popp, Berlin Institute of Medical Systems Biology at Max-Delbrück Center

Frauke Christiane Leitner, European Molecular Biology Laboratory | EMBL · Cell Biology and Biophysics Unit (Heidelberg)

H.V. (Hans) Westerhoff, Swammerdam Institute for Life Sciences, UVA, Netherlands

Leonidas Stefanis, Biomedical Research Foundation of the Academy of Athens (BRFAA)

Marie Vidal, Max-Delbrück Center

REMOGEN®, Phytostan Enterprises Inc., Clinical Trial Phase I/II [2016;...]

Portugal, as Clinical Research Coordinator (very preliminary phase)

An Open, single-dose, escalating fixed dose study of the safety and efficacy of ibogaine in opioid-dependent subjects

Partnership LIMMIT, Tab Rasa (Sponsor), Infarmed, Sicad and the Clinical Facilities and Analysis Laboratory: Addiction Unit of Carnaxide – Casa Saúde Carnaxide (Joaquim Chaves Group)

Activities: AIM for Infarmed, CRO Phagecon, Clinical protocol, MOH approval, EudraCT number 2015-002730-51, Setting of the Clinical and research group, Financial Agreement, Non-disclosure and confidentiality agreements, Clinical trial participants, Study synopsis, FDA 1572 Form, FDA documents Phase I, FDA phase II, Legal status Iboga / Ibogaine in Portugal - NOL (Non-Objection Letter, Pharmacokinetics budget study.

Hungary, as collaborator with Ede Frecska, National Institute of Psychiatry and Neurology

Patient agreement

*Waiting results*

H2020 - Health

H2020 SC1-PM-07-2017-Mental Health, Two-Stage-RTD. 755291-1 MEWEBY Assessment of effectiveness of several primary-interventions to promote resilience. *Promoting mental health and well-being in the young [RTD], Research and Innovation action, Personalised Medicine*. (**waiting results**)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-pm-07-2017.html>

H2020 SC1-HCO-07-2017 - Molecular cognition strategy. *GACD prevention and management of mental disorders, Global Alliance for Chronic Diseases* (**waiting results**)

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/sc1-hco-07-2017.html>

Science and Technology Foundation (FCT)

SR&TD 2017 - Multimolecular approach to early Autism Spectrum Disorder stratification. *Scientific research and technological development (waiting results)*  
<https://www.fct.pt/apoios/projectos/concursos/2017/index.phtml.en>

*Non-Granted Proposals*

National Centres of Competence in Research (NCCRs)

Synapsy 2017 - Multiomics solutions to early Autism Spectrum Disorder stratification. *NCCR Synapsy – Axis 1 WP#3 – AUTISM SPECTRUM DISORDERS (Failed final evaluation by the steering committee)*  
<http://www.snf.ch/en/funding/programmes/national-centres-of-competence-in-research-nccr/Pages/default.aspx>  
<https://tinyurl.com/yc4auq4d>  
<https://tinyurl.com/y893rkgg>

H2020, European Calls

H2020-reflective-2014-2015 - Material and Immaterial Cultural Heritage. *Reflective Societies: Cultural Heritage and European Identities (as centralizing research institution – Not Granted)*  
<https://prezi.com/pwe1y2loypwo/mich-h2020-reflective-societies-cultural-heritage-and-european-identities/>  
<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2104-reflective-6-2015.html>

H2020- JUST-AG-2015 - Sex violence, and violence prevention. *Justice Programme 2014-2020 - PRIAMOS/daphne call (invited for participation by the Department of Philosophy at the University of Genoa – Not Granted)*  
[http://ec.europa.eu/justice/grants1/programmes-2014-2020/justice/index\\_en.htm](http://ec.europa.eu/justice/grants1/programmes-2014-2020/justice/index_en.htm)

Bial Foundation Grant Programme for Scientific Research

[https://www.bial.com/en/bial\\_foundation.11/grants.18/grants\\_for\\_scientific\\_research\\_a38.html](https://www.bial.com/en/bial_foundation.11/grants.18/grants_for_scientific_research_a38.html)

Project Grant 2014 - Pursuing Happiness: Psychophysiology and Neurophysiology of Altered States of Consciousness in a Multimodal Neurofeedback Environment (as PI and centralizing research unit – Not granted)

Project Grant 2016 - Multi Omics: a new way to study Not Ordinary State of Consciousness induced without substances (as PI and centralizing research unit – Not granted)

Science and Technology Foundation (FCT)

Grant Programme for R&D Projects 2014 - PTDC/NEUSCC/2642/2014 - I/O Stim: Mind-Matter Interaction with Therapeutic Intention through Inside/Out Stimulation (as PI and centralizing research unit – Not granted)  
<https://www.fct.pt/apoios/projectos/concursos/2014/index.phtml.en>

University of Lisbon Research Bursaries Programme

PhD Grant 2015 - C0764n - The Pursuit of Happiness: State and Trait of Consciousness Saliva's Molecular Biomarkers  
<http://bd2015.ulisboa.pt/Doutoramentos/home.seam>

**Medical Research [2014;...]**

*Communication and rehabilitation in locked-in syndrome/cerebral palsy [2014]*

Protocol for alternative augmentative communication and setting of rehabilitation chair with proposed technology (Calouste Gulbenkian Centre) - 1 case study

Partnership LIMMIT/Casa de Saúde Idanha (Portugal) /Luís Azevedo (UCP / FMH - UTL) for Eye track/eye gaze (tobii EyeX) and neurofeedback software testing and evaluation (GRID2)

Original paper with preliminary results to be written

*Psychoactive Compounds [2015,2017]*

ERALearn2020. Modeling adult drug use pathways with poly substance use: What's the impact of drug policies and biopsychosocial factors on the development of problematic and non-problematic use patterns? (MAPPP study). *ERANID, the European Area Network on Illicit Drugs (as part of the submission team, Not Granted)*  
<https://www.era-learn.eu/network-information/networks/eranid>

**Team:** PI Henrik Jungaberle, FINDER, Germany; Co-PI Martin Stafström, Lund University; Co-PI Stephen Kennedy, Greenwich University; Co-PI Andreas Heinz, Charité University Hospital, Berlin; Co-PI Tomislav Majic, Charité University Hospital, Berlin; Co-PI Jorge E. Martins, University of Lisbon, Faculty of Medicine

Ethnopharmacology of Entheogens: Ayahuasca, Soma, Peyote, Psilocybin, Cannabinoids

Collaboration of LIMMIT lab, Faculty of Medicine, and Faculty of pharmacy, University of Lisbon

**Activities**

Detection of analytes by chromatography in blind samples vs. diluted samples

Project of setting a biobank for plant samples (O. Silva, University of Lisbon, Faculty of Pharmacy)

Petition for legal reports of plant status and Drug Schedules (S. Machado, LIMMIT lab)

SICAD and Infarmed (Portuguese Regulatory Institutions)

Creation of Protocol for Homeopathic proving in Healthy Subjects; Homeopathic preparation of the entheogen;

Evaluation of clinical effects (20 subjects each substance) - only for Ayahuasca and Soma; Pre-Clinical trial, initialization and conceptualization (2 subjects, follow-up 6 month, weekly) - only for Ayahuasca

Original paper in development to present preliminary results (EEG data and ícaros)

*Caravan of cannabis*

Collaboration with Italian project of growers, scientists and professors

<https://www.facebook.com/carovanadellacanapa?fref=ts>

Legal Defense Fund - Aya Declaration

<http://antiproibizionista.tumblr.com/post/112134449665/aya-declaration-dal-25-al-27-settembre-2014-in>

Manifesto on consciousness

<http://opensciences.org/about/manifesto-for-a-post-materialist-science>

*Noetics*

Conceptualization and Partnership setting: LIMMIT lab and Internal Medicine Service of Hospital de Santa Maria, Lisbon Portugal  
Research study in programmed death patients with BIS and Saliva Molecular Biomarkers analysis

Partnership LIMMIT lab and Brahma Kumaris

Development of a graphical pedagogic tool: Wheel of Values

### **Technology Development [2014;...]**

LIMMIT lab

Creation, Setting and Technological implementation (e.g. Neuroscience research products, immersive technologies, multimodal neurofeedback environments, and Saliva's Molecular Biomarkers collection (*BioT Carrier - Biocision*) for post processing, storage, research and bio bank creation (data-mining)

Inside-Out Connectedness

Multimodal neurofeedback environment to induce self-consciousness

<https://youtu.be/KaP719N9kp0>

Centre for Consciousness Knowledge,

Museum/lab for the study of states and traits of Consciousness

<https://tinyurl.com/y7adwhaa>

Immersive States and Neurofeedback and Multimodal/Cymatics Environments,

<https://tinyurl.com/yblz3xwe>

Bio sensing technology for self-consciousness

Prototyping and development of oriented commercial products for neuro/biofeedback: EEG, EKG, Skin Conductance, Eye Tracking (e.g. Headband and Bio sensing Chair; Optimized for museum, medical and academic environments)

Partnership LIMMIT, Faculty of Medicine / IBEB: Institute of Biophysics and Biomedical Engineering, Faculty of Sciences, University of Lisbon / Centre for Consciousness Knowledge / Values University and Plux (Bitalino/ Spark)

Neuro relax Helmet

Pre-prototype conceptualization and development

Partnership LIMMIT/ IBEB FC-UL and Plux (Bitalino)

Multidata Health Toolbox

MODELING: MultiOmics Data visualization Integration

GUI (Graphical User Interface) for data visualization, exploration and mining

## *Institutional and Media*

### **Research volunteer in Research Projects [2014;...]**

- Pereira, M. (2014). Transcutaneous spinal stimulation by direct current modulation of the excitability of the motor system. University of Lisbon, Portugal, Lisbon
- Frecska, E. (2015). Dimethyltryptamine for Extending Life When You Need It the Most, National Institute of Psychiatry and Neurology, Budapest, Hungary  
[https://www.youtube.com/watch?v=9mAj\\_7BMBbw](https://www.youtube.com/watch?v=9mAj_7BMBbw)  
<https://www.indiegogo.com/projects/dmt-for-extending-life-when-you-need-it-the-most/>
- Veenhoven, R. (2015). Public Happiness Database (2015). Erasmus University Rotterdam, Netherlands  
<https://worlddatabaseofhappiness.eur.nl/>
- National Platform for Clinical Trials, Plataforma Nacional de Ensaios Clínicos (PNEC), Portugal  
[http://www.infarmed.pt/documents/15786/1228470/45\\_PNEC.pdf/96d2786e-e7df-48e6-bc54-a545214a63a6](http://www.infarmed.pt/documents/15786/1228470/45_PNEC.pdf/96d2786e-e7df-48e6-bc54-a545214a63a6)
- Media4WellBeing, HCIM (Human-Computer Interaction and Multimedia), a collaboration of LaSIGE-HCIM Group, Department of Informatics, Faculty of Sciences, University of Lisboa with IBEB, Institute of Biophysics and Biomedical Engineering, Faculty of Sciences, University of Lisbon and Values University  
<http://www.di.fc.ul.pt/~tc/projects.htm>
- CWEQ II, A Portuguese Adaptation of the Conditions of Work Effectiveness Questionnaire, Portuguese Institute of Hygiene and Tropical Medicine (IHMT) NOVA University of Lisbon, Portugal.  
<https://pt.surveymonkey.com/r/IHMT-NOVA-CWEQ-II>
- Survey on National Scientific and Technological Potential (IPCTN) (2016;2017). Directorate General of Education and Science Statistics (DGEEC), Ministry of Education and Science, Portugal  
<https://ec.europa.eu/ploteus/es/node/554961>  
<https://ipctn17i.dgeec.mec.pt/>

### **Media Protocols [2014;...]**

#### Audio-visual Media Research:

- The International Center for Ethnobotanical Education, Research & Service (ICEERS) - Analysis of the material and immaterial elements in the healing places: the case of Mayantuyacu in Peruvian Amazon Forest  
<https://www.youtube.com/watch?v=oCRDt1xuXSo&t=936s>
- Transcultural Perspective on Consciousness  
<https://www.youtube.com/watch?v=YWPLaOtzKMc&feature=youtu.be>
- Consciousness Central 2015  
[https://www.youtube.com/watch?v=JR-Sy\\_0tLog&list=PLBRCHS6g-xt7VDYfuMMu2Pugxxf-3Wl\\_4&index=6](https://www.youtube.com/watch?v=JR-Sy_0tLog&list=PLBRCHS6g-xt7VDYfuMMu2Pugxxf-3Wl_4&index=6)
- LIMIT lab, Faculty of Medicine, University of Lisbon  
Social Communication (e.g. Website Design and Content and Facebook) and Press-releases:  
LIMIT lab (2015). Pursuing a translational model of consciousness. *FMUL newsletter 49*, Faculty of medicine, University of Lisbon, Portugal (**redaction of the press release**)  
<http://news.fm.ul.pt/Content.aspx?tabid=145&mid=1231&cid=3453>
- Simões, M. (2015). LIMIT: the dream of unraveling the mystery of mind-matter interaction. *Portuguese Medical Association Magazine*, 31:160 (**redaction of the opinion article**)  
<https://issuu.com/revistaordemdosmedicos/docs/160/62>
- Lito, R. (2016). Hypnosis reached hospitals: A research center changes states of consciousness by guided meditation. *Sábado Magazine, Life, December Edition*, Portugal  
<http://www.sabado.pt/vida/detalhe/a-hipnose-chegou-aos-hospitais>  
<https://www.youtube.com/watch?v=U0Wle2CVLQE&feature=youtu.be>
- Henriques, S. (2016). The research for the happiness molecule. *RTP Só neste País*, p2067, Portugal  
<http://www.rtp.pt/play/p2067/e232924/so-neste-pais>  
<https://youtu.be/KaP719N9kp0>
- Ramos, J. (2016). LIMIT, Mário Simões. *RTP Diga Doutor, Episode 7*, Portugal  
<https://www.rtp.pt/play/p2324/e228686/diga-doutor>
- Farinha, F. (2015). What can we do with our mind? *Notícias Magazine, December Edition*, Portugal  
<http://www.noticiasmagazine.pt/2015/mario-simoes/>
- Salivatec, Institute of Health Sciences, Center for Interdisciplinary Research in Health, Universidade Católica Portuguesa, Portugal  
Audiovisual Editing and Sound Design  
<https://youtu.be/Twjrk4FPx40>
- Happiness Active Agents, LIMIT lab, Faculty of Medicine, and the School of Social and Political Sciences, University of Lisbon  
Social Communication (help in Newsletter and Website domain)  
Press Releases:  
Zen Magazine (2015). Therapy, coaching and workshops Happiness Active Agents. *Zen Magazine, February Edition*, Portugal  
<https://www.trajetoriadevidapositiva.com/2015/04/07/revista-zen-fevereiro-2015/>

- Zen Magazine (2016). Consciousness Neuroscience. *Zen Magazine, May Edition*, Portugal  
<https://www.trajetoriadevidapositiva.com/2016/04/14/template-features-24/>
- Ramos, J. (2017). Medicine of Happiness. *RTP Agora Nós, Diga Doutor*, Portugal  
<http://media.rtp.pt/agoranos/diga-doutor/medicina-da-felicidade>
- Values University – iLIDH (Portugal)  
Website Contents - [www.universidadevalores.org/](http://www.universidadevalores.org/)
- PortuGraal Conference 2015  
Website design and contents - <http://portugraal.weebly.com>
- ECH
- ECH Press Release (2015). ECH spring meeting in Lisbon: an overview of its achievements. *ECH internal news*, 4, Ghent  
<http://swthxs57p.de-02.live-paas.net/wp-content/uploads/2015/08/ech-internal-news-n4-july-2015.pdf>
- ECH Press Release (2015). LIMMIT laboratory: a promising initiative within the Faculty of Medicine in Lisbon. *ECH internal news*, 4, Ghent  
<http://swthxs57p.de-02.live-paas.net/wp-content/uploads/2015/08/ech-internal-news-n4-july-2015.pdf>
- Portuguese Medical Association Magazine (2015). *Portuguese Medical Association Magazine*, 31:161  
<https://issuu.com/revistaordendosmedicos/docs/161>