

São Paulo, 30 de Janeiro de 2025

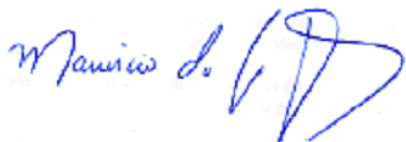
Prof. Dr. João Carlos Setubal
Chefe do Departamento de Bioquímica - IQUSP

Ref.: Relatório de afastamento

Prezado Prof. Setúbal

Encaminho relatório de atividades durante o meu afastamento do IQ para receber a cátedra de professor visitante da ENS de Lyon 2024-2025.

Atenciosamente



Mauricio S. Baptista
Professor de Bioquímica



1. CONSIDERAÇÕES GERAIS

A ESTADIA NO ENS-LYON FOI MUITO PROVEITOSA. TIVE OPORTUNIDADE DE CONSOLIDAR PARCERIAS VIGENTES E ABRIR NOVAS FRENTES DE TRABALHO. FINALIZEI UM ARTIGO CIENTIFICO E INICIEI UMA NOVA LINHA DE PESQUISA COM O GRUPO DO DR. CARLOS MARQUES. DIVULGUEI NOSSO TRABALHO CIENTÍFICO EM DIVERSAS OPORTUNIDADES. REALIZEI REUNIÕES DE TRABALHO COM EMPRESA PARCEIRA. NEGOCIEI ACORDOS DE COOPERAÇÃO E ATRAI JOVENS TALENTOS PARA REALIZAR PESQUISA CONOSCO.

2. ROTEIRO

23 DE OUTUBRO DE 2024. SÃO PAULO – LYON

19 DE DEZEMBRO DE 2024. LYON - SÃO PAULO

3. AULAS-SEMINÁRIOS

19/11/2024. PHOTSENSITIZED OXIDATIONS IN THE INTRACELLULAR DOMAIN SHOW THE ROUTES TO IMPROVE PHOTOMEDICINE AND SUN PROTECTION [HTTPS://WWW.ENS-LYON.FR/CHIMIE/NEWS/SEMINAIRES/MAURICIO-BAPTISTA](https://www.ens-lyon.fr/chimie/news/seminaires/mauricio-baptista)

20/11/2024 DO WE KNOW HOW TO SUNBATH (AULA NA TURMA DE GRADUAÇÃO DA ENS-LYON-CHIMIE). [HTTPS://WWW.ENS-LYON.FR/MAESTROSDM/FR/VIE-DU-MASTER/SEMINAIRES/MAURICIO-S-BAPTISTA-DO-WE-KNOW-HOW-SUNBATHE](https://www.ens-lyon.fr/maestrosdm/fr/vie-du-master/seminaires/mauricio-s-baptista-do-we-know-how-sunbathe)

12/12/2024. ENDOGENOUS PHOTSENSITIZERS OF HUMAN SKIN (PALESTRA PLENÁRIA). SKIN@BATH. CONGRESSO REALIZADO EM BATH (REINO UNIDO). [HTTPS://SKINATBATH.ORG/](https://skinatbath.org/)

4. PESQUISA

1. FINALIZAMOS ARTIGO E SUBMETEMOS NO PNAS:

Dear Dr. Baptista,

Your Direct Submission was received in our office on January 22, 2025 and assigned manuscript tracking number 2024-25741. All co-authors have been notified of the receipt of this submission. Please note all address information provided on the submission form will be used for publication.

Title: "Lifetime imaging of singlet oxygen NIR phosphorescence"

Tracking #: 2024-25741

Author(s):

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Paolo Di Mascio (Instituto de Química, Universidade de São Paulo)

Maurício S. Baptista (Universidade de São Paulo)

2. INICIAMOS UM NOVO PROJETO PARA ENTENDER OS MECANISMOS DE REAÇÃO E DIFUSÃO QUE CONTROLAM A COLORAÇÃO DE FIBRAS CAPILARES.

5. RELAÇÕES INTERNACIONAIS

NEGOCIAMOS E PREPARAMOS DUAS MINUTAS PARA RETOMAR AS RELAÇÕES INSTITUCIONAIS ENTRE A ENS-LYON E O IQUSP. O ACORDO DE COOPERAÇÃO E O CONVÊNIO DE MOBILIDADE ESTÃO SENDO ASSINADOS.

DOIS ESTUDANTES DA ENS-LYON ESTÃO NEGOCIANDO A VINDA DELES PARA O NOSSO LABORATÓRIO PARA REALIZAR OS RESPECTIVOS ESTÁGIOS DE PESQUISA (4-5 MESES).

6. OUTRAS VISITAS PROFISSIONAIS DURANTE O PERÍODO

- CEA-GRENOBLE (1 DIA) . THIERRY LIVACHE, CONVERSA SOBRE RETOMAR PARCERIAS DE PESQUISA.

[HTTPS://WWW.CEA.FR/PAGES/LE-CEA/LES-CENTRES-CEA/GRENOBLE.ASPX](https://www.cea.fr/pages/le-cea/les-centres-cea/grenoble.aspx)

- ARYBALLE-GRENOBLE (1 DIA). EMPRESA DE TECNOLOGIA DE SENSORES FOTONICOS. ESTAMOS ESTABELECEENDO PARCERIA DE PESQUISA, QUE SERÁ COMUNICADA AO DEPARTAMENO QUANDO ESTIVER PRONTO. [HTTPS://ARYBALLE.FR/](https://aryballe.fr/)

- PIERRE-FABRE-TOLOUSE (3 DIAS). EMPRESA QUE PATROCINA PESQUISA TECNOLÓGICA NO LABORATÓRIO. VISITEI OS CAMPUS DE PESQUISA E DESENVOLVIMENTO E TIVEMOS DUAS REUNIÕES DE TRABALHO. [HTTPS://WWW.PIERRE-FABRE.COM/FR](https://www.pierre-fabre.com/fr)



Universidade de São Paulo
Instituto de Química

7. CARTA DO PROFESSOR QUE ME RECEBEU



LABORATOIRE
DE CHIMIE
ENS DE LYON

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website: <https://www.ens-lyon.fr/chercheurs/carlos-marques/>

Prof. Maurício Baptista

Concerns certification of the two months stay of Prof.
Maurício Baptista at the Chemistry Laboratory of the ENS
de Lyon, from October 24th to December 19th 2024.

Lyon, December 23rd 2024

Dear professor Baptista, cher Maurício

It was a great pleasure to welcome you in my team as the *Invited Professor Chair of the ENS de Lyon* 2024-2025. Your stay from October 24th 2024 to December 19th 2024 was an important event of the year 2024 for the Chemistry Laboratory of the ENS de Lyon and for my team in particular.

At the level of the ENS de Lyon your teaching towards graduate and undergraduate students about "the complexity of the interaction between light and the skin" was duly appreciated and triggered the interest of students that are as a consequence considering internships at your University to explore these issues as a part of their curriculum.

At the level of the Laboratory of Chemistry your seminar on "the photosensitized oxidations in the intracellular domain as a way to discover the routes to improve photomedicine and sun protection" prompted numerous interactions with the various colleagues that, in the laboratory, work in the broad field of molecular photochemistry.

At the institutional level, your efforts towards the reactivation of the memorandum of understanding and the associated student exchange agreement between the ENS de Lyon and U.S.P. was highly appreciated and prompted positive reactions from both the ENS de Lyon administration, research and teaching staff.

And for my team, your visit was the occasion of continuing our long-lasting collaboration, performing experiments on exploratory new subjects and pushing forward the essential in-depth discussions that can only be successful during these in-person visits. We hope to submit soon important contributions for publication as joint papers work their way to completion.

With the shared conviction of a very positive outcome of your stay

Yours gratefully

Carlos Marques, CNRS Senior Scientist



Université de LYON

Université Claude Bernard



Lyon 1

