



**Ensemble,
prenons
le cancer
de vitesse.**

Paris, March 18, 2023

Dear Sir,

With this letter and the enclosed report, I would like to thank you once more for the great opportunity that I had to join the Department of Microbiology and Cell Biology of Indian Institute of Sciences for 4 weeks (January 17 – February 21, 2023).

These 5 weeks have been extremely enriching scientifically and personally with the chance to meet with professors and students from the department but also the other departments at IISC. Tight links have been established and I am sure that this will lead to fruitful collaborations. In the fall (October-November) I will join again for the additional 5 weeks proposed in the nomination letter I am looking for it enthusiastically.

Detailed report:

Week 1: Meeting with the Dean of Biological Sciences and the Chair of the MCB department. BTMO International conference from 18-21 January.

It was an exceptional conference held at IISC. Several colleagues from well-known international institutes (France, Germany, USA) also joined. I have delivered a conference on the second day focusing on the functions of Extracellular Vesicles in health and disease.

I actively participated to the poster sessions presented by the students and the attribution of posters prizes.

Week 2: Over the week daily meetings were planned with the professors of the department of Microbiology and Cell Biology, visit of their teams and meeting with the students.

A first lecture was delivered on the 24 on State-of-the-art Imaging methods with application in cell biology in health and disease.

On Friday 27 I met with the Dean of Biological Sciences and the Director of IISC and attended the lecture of prof Ingrid Hotz who was a distinguished professor at IISC and I had the chance to overlap for 2 weeks.

Every week I had the chance to participate at the lab meetings and department seminars and journal clubs which was interesting because of the diverse projects developed on microbiology and cell biology

Week 3: 2 lectures were prepared and delivered: Intracellular Compartmentation in the endocytic system and Intercellular Communication: Extracellular Vesicles and Friends

Several appointments with professors and students from other departments allowed to have a larger view of work performed at IISC.

Week 4: 4 lectures were delivered, one on Lysosomes and Related organelles and pigmentary disorders and 3 dedicated to Scientific Integrity, Career Opportunities in Science after PhDs, Post docs in India and abroad and an interesting round table on for Women in Science but surely also including Men in Science. For this last lecture/ Prof Rohine Godebale, member of the Indian Academy of Sciences, an emeritus professor in the Physics department was able to join which made an extremely inspiring session for all.

On the last days (Week 5): With the visit of the President of the French CNRS and the French delegation I was happy to join to share with the Deans of different departments of IISC and the CNRS

the wish and perspective of establishing tighter links and possible the creation of an International Institute which would be very Interdisciplinary.

In Sum, I have really taken this opportunity to establish close ties not only with the colleagues with whom I am already collaborating for several years (Pr. Subba Rao Gengi Setty) but also with other teams. I am sure that several collaborations are now open. I felt very welcomed and really appreciated the enthusiasm of the students and their wish to exchange openly about science and their questions about their future careers. It was humanly very enriching.

Yours sincerely



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Lecture and round table in presence of Pr. Godebale





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Paris, August 26, 2024

Dear Sir,

First, my apologies for the delay in sending my second report corresponding to the final 5 weeks of my professorship at IISC in department of Microbiology and Cell Biology. These enriching 5 weeks were taken between Oct. 15 and Nov. 20 2023.

As I stated in my first report, I would like again to thank the Director of IISC, the Deans and the professors at IISC for welcoming me. A special thank is also for the students from undergraduates to masters, PhDs and post-doctoral fellows with whom I had the privilege to give lectures but also led to multiple exchanges during my stay.

The second stay was also organized with a detailed planning of conferences and seminars complementing the initial lectures given during the initial 5 weeks as distinguished professor. I also had the chance to give the IISC lecture on November 16 at the Tata Hall open to all IISC.

The following lectures were given to the students with attendance of professors

Oct 16, 2023

Special Lecture organized by the undergraduates

Understanding Cellular Organisation

Towards molecular basis of disease and therapeutical applications

Oct 19, 2023:

04:00 PM: Lecture 1 – **Extracellular vesicles from cell biology to therapeutic applications**

Oct 26, 2023:

04:00 PM: Lecture 2 – **Endosomes: The cell central station**

Oct 31, 2023 :

04:00 PM: Lecture 3 – **Interaction with the students – Carrier after PhD**

Nov 14, 2023:

04:00 PM: Lecture 4 – **Women in Science with carrier**

Nov 16, 2023:

General Lecture at Tata Hall – **Watching the Cell**

Aside the organized lectures I have attended the weekly meetings of Pr. Subba Rao team. A dedicated seminar was also organized by his students, open to all with special focus on studies undergoing in my team at Institut Curie in Paris on unpublished data on the biogenesis of pigment granules, roles of Extracellular Vesicles and small GTPases of the Rab superfamily.

It was a great chance to feel part of IISC as distinguished professor.

I have established strong ties with colleagues from other areas which will certainly lead to novel collaborations.

I felt very lucky to have created so nice interactions and special exchanges with students of different levels that never hesitated to join in the office to ask questions. It was very challenging.

On the following of my stay one very young undergraduate student extremely brilliant, Aditya Kamath Ammembal asked me to join my lab in Paris from May to July 2024. He got a Charpak fellowship, and he joined over this summer, working hard with the members of the team. I hope that Aditya can join again in 2025 working on a project that will surely involve as collaborator Pr. Sudha Kumari (IISC, MCB dept). Aditya was extremely appreciated in the team participating to the overall thinking, organization and events.

Altogether I had a great chance to be awarded the Mrs Urmilla Agrawal professorship award. I would like to thank again all colleagues and the Director of IISC.

Yours sincerely

Graça