

EDITORIAL ●●●●●●●●



Monica Sala
Executive Director for Education

From its inception, education at the Institut Pasteur has been closely related to the research projects conducted in the Institute's laboratories and courses have been taught by researchers. We firmly believe that training through research is key for students and we wish to strongly reinforce and improve this.

To do so, student tutoring is a key element which guides them during the three years of the PhD programs, allowing them to avoid most pitfalls. The Institut Pasteur (IP) tutoring program has been recently reinforced. A new Tutoring Team was appointed in 2015 (composed of Olivier Cassar, Karin Eiglmeier and Sylvie Malot) and a [tutoring platform](#) has been online since February to facilitate interactions among students, tutors and the Tutorat team. The future work of the Tutorat team will be devoted to training scientists and engineers of the Institute to be better tutors for the goal of developing an efficient IP tutor task force.

To improve training through research, the Institut Pasteur wishes to make participation in journal clubs widespread. This is currently available only to students from our international

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Photo © Attila Kovács - Semmelweis University

Students at Semmelweis University, Budapest. Semmelweis recently joined the Erasmus+ program of the Institut Pasteur. In October 2015, a Letter of Intent was officially signed between the two institutions. A Hungarian delegation, including representation from Semmelweis, visited IP in February. [Story page 2.](#)



doctoral program (PPU), but our goal is to give access to all PhD students (approximately 250 PhD students per year). Journal clubs, which allow debate on the most recent advances in research, are extremely appreciated by PPU students and constitute an excellent training module for a scientific career.

An office of integration and career guidance for scientists (the [MAASCC](#)) was created at the Institut Pasteur to improve career guidance for PhD students and postdocs during their cursus and to help them find their path (whether it be at the Institut Pasteur, in another academic institution or in private company). This office provides relevant advice to students on campus and helps them integrate into the Institut Pasteur.

New partnerships were also developed between the Institut Pasteur and other high-level research institutions to improve the attractiveness of our international doctoral program. (Funding was increased so as to raise the number of new students in the program to 19 in the university year 2016-2017). Formal partnerships have been established with the Scripps Research Institute (United States), the China National Biotec Group, and different funding organizations from Latin American countries (for example, the EMHE program) to encourage student exchanges in both directions and increase our training capacities.

To better recognize the accomplishments of our PhD students during their thesis, an annual graduation

ceremony has been held for the last three years. In 2015 four PhD students from the Institut Pasteur International Network were invited to the graduation ceremony for the first time.

Finally, an alumni network is currently being developed in order to reinforce the ties between former students and the Institute, which will facilitate staying in touch with other alumni and the Institute. We believe that these measures will strengthen the position of Institut Pasteur as a global leader for training through research in biology. •

Visit to the Institut Pasteur, Paris

by Hungarian Embassy and Leading Hungarian Research Institutes

by **Monica Sala, Executive Director for Education**

An impressive delegation from major Hungarian Universities (Semmelweis, Pecs, Debrecen and Szeged Universities), the Hungarian Academy of Sciences, and the Hungarian Epidemiology National Center visited the Institut Pasteur on February 17. This delegation was accompanied by Hungarian scientific start-up leaders and Szilvia Szanto, the Scientific Attaché of the Hungarian Embassy in Paris. The Institut Pasteur Department of International Affairs, the Coordinator of European Affairs, and the Education Department welcomed the Hungarian delegation in a meeting where future collaborations in science and education were defined. •



The Hungarian delegation visiting the Institut Pasteur on February 17, 2016.



of Budapest and the Institut Pasteur of Paris

by the Semmelweis University Team, Dora Szabo and Csaba Jeney

Hungary has a long tradition of outstanding achievements in life sciences and technologies and has acquired a significant international reputation in the fields of medical sciences, pharmaceutical industry, biotechnology and health care. Personalities of the Hungarian medical science are well-known in the world, the names of Semmelweis (an early pioneer of antiseptic procedures) or Szentgyörgyi (who discovered Vitamin C) are internationally recognized.

The Hungarian pharmaceutical and biotechnology industries are leaders in the Central and Eastern Europe region, and the country has a very good research background from genomics to infobionics, basic sciences as well as mathematics or physics, from fundamental research to applied R&D.

In close cooperation with the well-developed sector, at present Hungary occupies one of the leading places on the market of medical education. Among the best universities in Hungary, are Semmelweis Medical School of Budapest, Debrecen Medical School, Pecs Medical School and the Medical School of Szeged.

The Semmelweis University is one of the leading institutions in Hungary and the Central European region. Its notable standing is well illustrated by the Times Higher Education list: Semmelweis University is the only Hungarian institution on the list of the top 200 most international universities in the world and was ranked 102 for "international outlook." (This category considers the ratio of international to domestic students and



ABOVE: Szilvia Szanto, scientific attaché from the Hungarian Embassy of Paris, our direct contact to build up education and research collaborations with the major Universities and research Institutes in Hungary.

BELOW: Students at Semmelweis University, Budapest.



Photo © Attila Kovács - Semmelweis University



staff as well as international collaborations). Over the past decade, the Semmelweis University has experienced a jump in education enrollment from abroad—with notable increases in students from non-European countries. It recently joined the Erasmus+ program of the Institut Pasteur. In October 2015, a Letter of Intent was officially signed between the two institutions for student mobility in order to allow to Hungarian undergraduates students to do 6 months Erasmus+ internships at the Institut Pasteur. The call for student ap-

plications will be opened in April at the Semmelweis University and students will come to the Institut Pasteur in September 2016. The Institut Pasteur and the Semmelweis University have had many research projects in the past, and this education program could lead to more collaborations in the future, both in research and education. Moreover, thanks to the collaboration between the Semmelweis University and the Hungarian Academy of Sciences, this partnership opens the door for the whole research community in Hungary.

Moreover, the Erasmus + program with the Institut Pasteur will help increase the international prestige of Budapest, grow its popularity, and improve its ability to obtain advocacy. •

For more information, contact Szilvia Szanto at Szilvia.Szanto@mfa.gov.hu

Historic Milestone for Annual Graduation Ceremony

Participation by 5 PhD graduates from the Institut Pasteur International Network

by **Gabriel Benet**, scientific officer, HKU-Pasteur Research Pole

The Institut Pasteur organised the 3rd Annual Graduation Ceremony to honour its graduating PhD class on the 11th of December 2015. The ceremony was also a chance to underline one of the pillars of the Institut Pasteur: worldwide shared knowledge. For the first time, together with PhD graduates from Paris, five laureates who recently defended their theses within the Institut Pasteur International Network also attended this significant ceremony. Meet four of them: Doctors Nimol Khim, Mingyuan Li, Mihaela Oprea and Sun Rui!

Nimol Khim comes from Phnom Penh. She works as a Research Assistant in the [Malaria Molecular Epidemiology unit](#) at the Institut Pasteur in Cambodia. Specialising in microbiology and parasitology, she defended her thesis centred on a genomic and bioinformatics study of the emergence and spread of anti-malarial drug resistance in *Plasmodium* parasites. Her work falls under the research strategy conducted at the Institut Pasteur in Cambodia to control and eliminate malaria in South East Asia.



The 3rd Annual Graduation Ceremony in honor of PhD students who defended their thesis in 2015 took place on Friday, December 11, in the presence of Professor Christian Brechot, President of the Institut Pasteur, and Professor Françoise Barré-Sinoussi, Nobel Prize laureate in Physiology or Medicine in 2008. In addition to PhDs from Institut Pasteur, four graduates who obtained their PhDs at Institut Pasteur International Network institutions were invited to participate in this year's ceremony.

Mingyuan Li is Chinese. She worked during her PhD at the [Hong Kong University-Pasteur Research Pole](#). A strong interest in virology led her to complete her thesis on Dengue Virus. Her goal has been to explore how a virus assembled inside the cell finds its way out to

spread. In collaboration with scientists from the Institut Pasteur in Laos and the Institut Pasteur Paris, she provided new insight into the molecular mechanisms responsible for Dengue Virus egress. She now continues her work at HKU-Pasteur Research Pole as a postdoctoral fellow.

Continued next page

Mihaela Oprea defended her thesis in the European area of the Institut Pasteur International Network at the [Cantacuzino National Research Institute](#) in Bucharest, Romania. Today a biochemical researcher in the laboratory of Molecular Epidemiology, she previously focused her PhD study on the contribution of prophylactic staphylococcal vaccine development to be used against *Staphylococcus aureus* infections responsible for life threatening pathologies such as the infective endocarditis.

Finally, Sun Rui is also from China. With two theses already completed in the fields of botany and microbiology, he defended a third thesis at the Institut Pasteur of Shanghai, in the [Tumor Virology unit](#). He studied a human tumor virus, the Kaposi's sarcoma-associated herpes virus. He explored the mechanisms of the virus latency, and the induced molecular changes in the host that lead to oncogenesis. He is now a Research Assistant in the laboratory. •

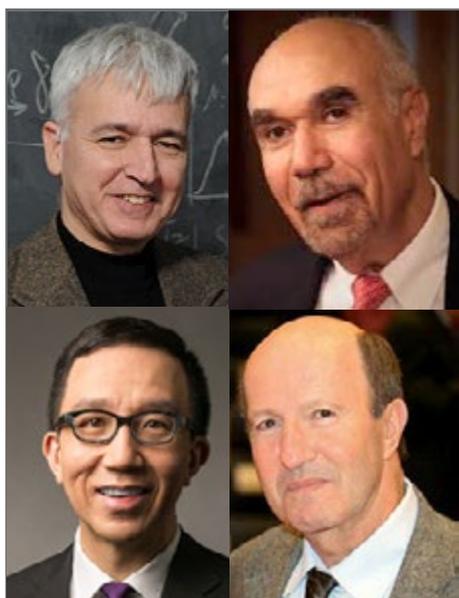


Please note that **Guilherme Dias de Melo**, the 5th RIIP graduate, was not available at the time of the interview. He is currently a post-doctorate fellow in the unit of Paola Minoprio.

Institut Pasteur Education Advisory Board (PEAB)

Updates from first meeting, December 18, 2015

by Simon Legendre, Advisor to the President, Strategy and Partnerships



The Institut Pasteur Education Advisory Board

CLOCKWISE FROM TOP LEFT: **Professor Aviv Bergman** (Albert Einstein College of Medicine); **Professor Jean-William Pape** (Weill Cornell Medical College, Cornell University, NYC, Director and founder of the GHESKIO (Haitian Study Group on Kaposi Sarcoma and Opportunistic Infections Centers in Haiti)); **Professor Gabriel Leung** (Dean of the Li Ka Shing Faculty of Medicine University of Hong Kong); and **Professor Mathias Fink** (Institut Langevin, Ecole Supérieure de Physique et de Chimie Industrielles, Paris).

The Institut Pasteur has established a high-level multidisciplinary Education Advisory Board, with strong expertise in wide-ranging areas of education. The Board met for the first time in December to discuss the general orientation of the Institut Pasteur education policy and to provide advice on our programs.

The committee examined the various actions in the field of education at the Institut Pasteur and the recent developments in the Department of Education: the creation of Massive-Open Online Courses, the inception of a MD/PhD program in partnership with ENS, Institut Curie and PSL Research university, the development of undergraduate programs (Amgen, iGEM), and trainings to foster entrepreneurship, etc.

The Committee highlighted the excellent level of education at the Institut Pasteur and its recent advancements, while suggesting a few developments to keep improving it. The PEAB encouraged the addition of flipped classrooms at the Institut Pasteur, which would enable teachers to dedicate more time to experimentation and practical work. The committee also recommended reinforcing communication and integration between the different education

programs, in Paris and in the network. Members of the committee also advised creating for-profit courses, to be taught internationally, on the scientific assets of the Institut Pasteur (such as cell biology or immunology). They also suggested the creation of our own doctoral school, which would allow us to be more autonomous in our education policy.

New interdisciplinary PhD modules, between mathematics and biology, between physics and biology, and between engineering and biology, were also considered as relevant to the future education offerings of the Institut Pasteur. The creation of new services and training modules for PhD students, such as journal clubs and training sessions on ethics, was also deemed relevant for the Education Department. Similarly, the development of scientific tutoring for PhD students was encouraged by the Committee. The Committee also believed that students should be strongly encouraged to do an internship in an institute of the Institut Pasteur international network.

The next PEAB will take place in early 2017 to follow up on progress in these directions. •



by Professor Dominique Franco

Recent scientific breakthroughs and technological advances have fundamentally transformed the practice of medicine and biomedical research. To keep step with this changing environment, it is vital to provide specific scientific training for medical and pharmacy students with an interest in research. To that end, Institut Pasteur together with the Ecole Normale Supérieure (ENS), the Institut Curie, école supérieure de physique et de chimie industrielles de la ville de Paris (ESPCI ParisTech), the college de France and the Comue Paris-Sciences-Lettres (PSL) have joined forces to offer students in medicine and pharmacy a new advanced program titled “Médecine-Sciences”, an equivalent to the MD/PhD programs of the major universities in the United States and Northern Europe. Training a medical elite with relevant scientific knowledge is more important than ever in terms of providing state-of-the-art medical care and cutting-edge teaching programs

which are firmly rooted in research, as well as for the creation of high-tech companies in the fields of health and bio-engineering. The Médecine-Sciences program offers a wide range of high-level courses, including an early introduction to research, with the aim of training a core of professionals with dual expertise in science and medicine.

Admission to this program is based on a competitive exam, which is open to second-year medical and pharmaceutical students from French universities. Successful applicants will have the opportunity to complete joint training in medicine and science beginning in the third year of studies leading to a Master degree. The program includes a series of modules taken from the Master courses run by partner institutions, as well as a three-month research internship in a lab. To this end five new modules of master1 have been created at Institut Pasteur on Human genetics, Cell biology, Microbiology, Immunology and

Bioinformatics/Biostatistics. After obtaining their master degree in research, the students can choose to pursue a PhD in science before resuming their medical studies, or to finish their medical training and then complete their PhD in Science during their residency. The former will receive financial assistance when returning to their medical studies in their fourth year, up until the end.

The many advantages of the new Médecine/Sciences program include guaranteed funding for students for the first three years of their training, close scientific and medical supervision, a prestigious ENS postgraduate degree, and a PhD in Science. Particular attention will be paid to a medical tutorship in order to keep them on the medical trail and to help them to choose the most suitable medical specialty. This rigorous, competitive program aims to gear students towards high-level positions in University hospitals, research organizations, and the health care industry, whether in France or abroad.

The Médecine-Sciences program, initially set up in 2005 by ENS, has been directly supported since 2015 by PSL, the Institut Pasteur and the Institut Curie, in partnership with ESPE-ParisTech and the Collège de France. This program reflects the partners’ vision to promote links between medical science and basic research, to encourage translational research, and to facilitate the transfer of scientific discoveries to patients and industry. The complementary expertise of the partners will ensure that the seven applicants selected in 2015 will receive top-quality training tailored to their requirements, giving them all the tools they need to pursue a first-class scientific and/or medical career. •



Practical work for the medical mycology course, teaching center at the Institut Pasteur April 1, 2015.



An interactive breakfast that feeds the entrepreneurial spirit

by Professor Dominique Franco

The new event "Creating your own company," that offers scientists interested in business the chance to meet a leading entrepreneur in biotechnology, launched a first session in December and three more events in January, February and March. This monthly event gathers a guest speaker (a biotech entrepreneur) and up to 20 Institut Pasteur researchers (mainly PhD students and postdocs). During an hour and a half informal discussion, the speaker presents his or her career, paths to success, obstacles to overcome, pitfalls encountered, etc. Members of the Education department and of DARRI are also present and contribute to the discussion.

The following guest speakers have participated so far:

José-Alain Sahel, December 2015

Director of Institut de la Vision, Alain-José Sahel is an ophthalmologist working on regenerative medicine and artificial retina. He has been very successful in creating several biotech companies around its clinical activity at Hôpital des Quinze-Vingt in Paris.

Cécile Réal, January 2016

Winner of the Cartier women's initiative awards in 2012, Cécile Réal is the founder and director of Endodiag, a company specialized in Medical Device for non-invasive diagnosis, particularly in the field of endometriosis.

André Choulika, February 2016

He is the founder and director of Collectis a Spin-off of Institut Pasteur on the development and commercialization of meganucleases, enzymes able to cut DNA molecules at a forecasted site. Collectis has since evolved and now proposes the different ways of gene editing including Zinc finger nucleases (ZFNs), Transcription Activator-Like Effector-based Nucleases (TALENs), and the CRISPR-Cas system. The value of Collectis, listed on Nasdaq, reaches approximately 700M\$.

Mathias Fink, March 2016

(photos in this issue)

Professor at the Ecole Supérieure de Physique Chimie Industrielle de la ville de Paris, Director of Institut Langevin, known for its studies on time-reversal mirrors and time-reversal signal processing which have been at the origin of the creation of several start-ups particularly in the field of medical imaging.

There have been on average a dozen participants in each of the first four sessions. Presentations by the guest speakers were informal and focused on the reasons they created companies, the reasons for their successes or failures, and on their interest in entrepreneurship. Their presentations, varied in form and content, highlighted the pleasures, but also the challenges, of start-up creation.



TOP: Mathias Fink presents at the fourth "Creating your own company" held in March. BOTTOM: Pasteurians listen to Mathias Fink's presentation before an embarking on an interactive discussion.



The small number of participants and the informal presentation by the speaker engendered a high degree of interactivity between researchers and the guest speakers. At the end of the session the invited speaker and the students used to gather around the breakfast, giving the opportunity for face-to-face exchanges. This was the occasion for a few researchers already engaged in the process of start-up creation of getting new ideas and support. This was also a good opportunity for the Education Department and DARRI to identify students with start-ups projects.

An evaluation was made after the two first events and showed that participants were pleased with the event. In fact some of them intend to participate in several, if not all of these events.

The next guest speaker, Ray Schinazi, a pioneer in the development of antiviral drugs particularly for hepatitis C, will lead a breakfast session on April 12. Philippe Pouletty, a founder of many biotech companies who became director of one of the main European VC, Truffle Capital, is scheduled for May 3. Stéphane Bancel, previous CEO

of BioMérieux and presently CEO of Moderna Therapeutics, a leading company in the development of messenger RNA therapeutics, will present next December. •

To be sure to take part in this event, contact Lisa Riffaud in advance as the number of participants is strictly limited.

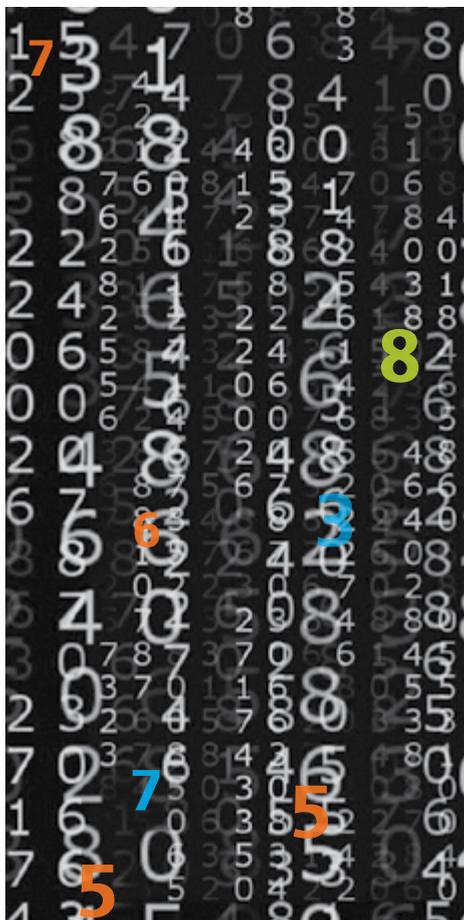
The Blue and the Red Pill After the PhD:

Navigating the Matrix of Options Available to a Young Scientist

Two events organized by IP's young researchers help inform decision-making

by Chiara Rapisarda and Laura Sinigaglia

PhD students and Postdocs of the Institut Pasteur are actively involved in the organization of two events created for young researchers. The common purpose of the two events is to contribute to the development of young researchers' career, according to their predisposition. Both stress the importance of networking with peers to build potential links for future positions and collaborations. One such event is the YRLS (Young Researchers in Life Sciences) conference, taking place the 18-20th of May, while the other is the BIOTechno Forum, on the 9th of June.



The YRLS Conference is an international 3-day conference which features two high-level keynote speakers. The conference unites PhD students and Postdocs from different institutes and countries, but most importantly from a variety of fields. This produces the best environment to form new and innovative collaborations and more generally to promote networking. It is specifically designed for young researchers to exchange ideas, debate with peers, and present their research at any stage of development, from conception to completion.

The Biotechno Forum, the second event organized by the young researchers, aims to bring young researchers closer to the biotechnological companies of France and Europe. Participants, speakers and partners have the chance to interact throughout the day and particularly during round tables. Speakers, coming from different areas of the private sector, discuss alternative career options to academia and help participants understand how to translate the specific skills and knowledge they have acquired, during the PhD and/or Postdocs, into something marketable and attractive to the private sector.

Although organizing a conference is certainly a challenge and is time-consuming, the members of the organizing committees gain invaluable experience in project management and build skills not learned on the bench. This gives an added advantage on the increasingly competitive job market, by raising one's profile and enriching one's CV. Furthermore the experience increases confidence when approaching renowned researchers or entrepreneurs/businesspeople. Even better, it permits the organizers to invite experts they would like to meet.

The organizers highly encourage PhD students and Postdocs to register for the events and to be part of next year's committee. For further information, please visit the websites at: [YRLS Conference](#) and [The BIOTechno Forum](#).



The ending of one chapter and the beginning of the next

by Chiara Rapisarda and Laura Sinigaglia

The Institut Pasteur hosted on the 11th of December 2015, the 3rd annual ceremony in honor of its graduating PhD class. The ceremony was held with the guest speaker, Françoise Barré-Sinoussi, 2008 Nobel Prize laureate in Physiology or Medicine.

The PhD Ceremony honoured graduate students who received their PhD degree in 2015. In addition to the 42 students from the Institut Pasteur in Paris, five freshly graduated doctors, [hyperlink to article] from the Institut Pasteur International Network institutions, were invited to participate to foster their sense of belonging to the Pasteurian family.

This year the ceremony was designed to be not only a solemn event, but also a festive celebration, a special day for PhDs, relatives, friends and former colleagues. The ceremony represents both the end of a chapter and the beginning of a new one. The newly minted doctors of 2015/16 have now entered a new phase of their life. They have been guided and encouraged by mentors, but now they will have to make it on their own. However they are armed not only with the very detailed knowledge in their field of research, but with the network that Pasteur provides.

What are their plans for the future and how did they value their experience at Pasteur?

Many are now doing a post-doc, in the same lab or in another high-level research institute. Some have decided to pursue their medical studies while others now work in the pharmaceutical industry. Looking back at the challenging years of acquiring their PhD, the new doctors all consider their experience to have been very exciting and consider the Institut Pasteur as a great environment for a PhD.



Guilherme Dias De Melo

INSTITUT PASTEUR, BRAZIL

"My experience in Pasteur it was not only one experience of science, it was a experience of life; and it was wonderful."

FUTURE PLANS

Working as a post-doctorate fellow at the IP Paris, in the Paola Minoprio Lab. Plans to keep on doing research and giving lectures.



Eva Boritsch

"I am very grateful: I was able to meet so many extraordinary, stunning and passionate people, who became my second family."

FUTURE PLANS

Working as a post-doctorate fellow at the IP, in the Roland Brosch Lab.



Quentin Defenouillere

"The time spent in the Institut Pasteur was amazing on every aspect. Looking back I cannot think of any

better place in France where I could have done my PhD. I would definitely recommend Pasteur to any student."

FUTURE PLANS

Working as a post-doctorate fellow at the Institut Jacques Monod, in the Sébastien Leon Lab. Plans on moving to R&D in a company or to organizations like WHO.



Philippe Colin

"I spent 5 amazing years. I will miss this period of my life; I got the opportunity to work in a great environ-

ment with colleagues that became close friends and to meet people from different cultures."

FUTURE PLANS

Working as a post-doctorate fellow at the Cornell Medical College in New York. Plans on returning to France for a permanent position.



Grégoire Gessain

"These past 3 years were amazing: stimulating, exciting and very instructive. The environment fantastic: great

colleagues and access to inexhaustible resources."

FUTURE PLANS

Working as a post-doctorate fellow at the IP, in the Marc Lecuit Lab. Plans to go back to medical school.



Matthieu Deschamps

"Pasteur gave me the opportunity to work with an incredible team on fascinating subjects and publish at a high level. Still the

most positive memories are related to the people I met."

FUTURE PLANS

Completing his PhD with an MD at the Aix-Marseille University.



**Yann Le
Guen**

"Work, work and work again but in a very good atmosphere and with amazing co-workers."

FUTURE PLANS

Working in a pharmaceutical company in Rouen (Aspen).



**Lauriane
Harrington**

"To work at the Pasteur Institute, is to become a great scientist."

FUTURE PLANS

Looking for a job in the pharmaceutical/medical devices industry.



Rui Sun
INSTITUT PASTEUR,
SHANGHAI

"Pasteur is a great place. The Pasteur international network offered lots of

opportunities to join leading science research."

FUTURE PLANS

Working as an assistant researcher in the IP institute of Shanghai, in the Ke Lan Lab. Plans to to seek a post-doc position.



**Alexandre
Tang**

"I am very grateful to Pasteur for giving me the opportunity to work in perfect conditions and

make me become the scientist I am now. I learnt a lot in terms of techniques and skills useful for the future.

"FUTURE PLANS

Working as a post-doctorate fellow at the IP, in the Claude Leclerc Lab. Plans to work in R&D for private companies.



**Nicolas
Dufour**

"This time was for me the occasion to fully immerse into science (knowledge, bench work, interaction with people) and

spend one of the most exciting part of my life."

FUTURE PLANS

Working as a post-doctorate fellow at the IP, in the Laurent Debarbieux Lab. Plans to find a permanent position in a hospital.

Announcement

Housing update

Every expat that comes to Paris knows that the search for a flat, or even simply a room to live in, may be very difficult. In addition to the former web pages describing the partnership with the International University City of Paris, new pages are now available on the Institut Pasteur Education web site in order to offer students a wider panorama of addresses for housing in Paris. Please, note that Institut Pasteur has no financial ties with these last institutions.

Moreover, Institut Pasteur is now a member of "Science Accueil", an association offering an up-to-date file of furnished lodging to let. To apply for housing with Science Accueil, [this online form](#) must be completed. Available only to students with an email address from the IP (@pasteur.fr), Science Accueil provides with a list of offers and facilitates contacts with the landlords. Please inform "Science Accueil" if you rent an apartment

through their list. Most of landlords don't ask for a "garant", but you need to give a deposit which you usually get back when you leave the apartment. •



MOOC OPEN FOR ENROLLMENT

From Neuron to Behavior IN ENGLISH

This MOOC directed by Pierre-Marie Lledo, will cover cutting-edge topics in neurosciences ranging from evolution, developpement, brain plasticity and brain disorder with not less than 26, top-quality international speakers.

Time: 9 hours
Start Date: 16 May 2016
End date: 19 June 2016

Each week of the course consists of four video-lectures, each lasting from 10 to 15 minutes.

Find out more:
[FUN platform website](#)
[Twitter](#)

[Register here](#)



COURSES OPEN FOR ENROLLMENT

Frontiers in Biological Psychiatry IN ENGLISH

This one-week course presents a combination of lectures and tutorial sessions to guide participants through methodological approaches and most up-to-date openings in psychiatry.

Exciting advances in Neurosciences and Genomics are transforming research in Psychiatry into a highly dynamic fast-moving field. The next 10-year period is likely to be “the decade of psychiatric disorders as research on mental illness is reaching an inflection point where insights from neuroscience and genetics will transform our understanding of psychiatric disorders” (Peter Campbell, Nature Editor). These developments should allow better understanding of the origins and biological mechanisms of complex diseases such as depression, schizophrenia, addiction, and other psychiatric disorders. They are also leading to the redefinition of the borders between disorders and are opening novel prospects for treatment and prevention.

The FBP Course gathers a team of international experts in both clinical psychiatry and basic research in neuroscience, genetics, and development

[Read full description online](#)

Review the many courses open for enrolment on the [Education Website!](#)

▶ [Go to all courses](#)



WORKSHOP OPEN FOR ENROLLMENT

Vaccination and Public Health IN FRENCH

This three day workshop will address the following subjects: efficacy and side effects of vaccines (i.e. influenza, HPV), legal decisions in public health vaccination, indirect protection through vaccination and its role in vaccine strategies, communication and vaccination policy.

[Read full description online](#)

Review the many courses open for enrolment on the [Education Website!](#)

▶ [Go to all courses](#)



- April 12 **Create Your Own Company** with Ray Schinazi
8:30-10am Breakfast Meeting
Registration required. Please contact Lisa Riffaud.
- May 3 **Create Your Own Company** with Philippe Pouletty
8:30-10am Breakfast Meeting
Registration required. Please contact Lisa Riffaud.
- May 18-20 [The YRLS Conference](#) (Young Researchers in Life Sciences)
- June 9 [The BIOTechno Forum](#)
- July 7-9 **1st Research Valorization Summer School**
In partnership with Medicen

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For information about The Institut Pasteur Education Newsletter, to give feedback, or to submit letters to the editor, contact Eliza Jones at eliza.jones@pasteur.fr

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