Association of PhD students and Post-Docs of Institut Curie

ANNUAL ACTIVITY REPORT

2015-2016

www.adic.curie.fr
The ADIC has officially been representing PhDs and Postdocs at the Institut Curie for more than 19 years. Our mission is to help the new young researchers to integrate into our scientific community, to promote networking possibilities, to help their transition towards the next career step and to provide visibility for our Institute.

To achieve these goals, the ADIC organizes a range of events. We help young researchers to integrate rapidly into the Curie community by organizing French classes and various social events. Our much appreciated seminar sessions, Ratatouille (Paris) and ReSiPi (Orsay) have brought a novel opportunity to the PhD students and Post-Docs to discuss and share ideas about their scientific work.

Furthermore, in the scope of the scientific agreement between the Institut Curie and the Institut Pasteur, we decided to promote networking and collaborations between the young researchers with the organization of the 1st Joint Curie-Pasteur Young Scientist Retreat.

Our involvement in the organization of the YRLS conferences (Young Researchers in Life Sciences), the “Petits-Déjeuners Professionnels” and the largest scientific-industrial meeting in France the “Forum BIOTechno” allowed us not only to increase the visibility of the Institute, but also to interact with academic and industrial partners.

In the years to come, we plan to pursue our efforts in terms of integrating young researchers into the Curie community, encouraging industrial partnerships.

Finally, because none of this would have been possible without the involvement of the ADIC members, we would like to thank them for their dedication. We also appreciate our valuable collaboration with the Training Unit at Curie and thank them for their support.

Michael HAMM
Vice-President of the ADIC
THE BUREAU
2015-2016

President
Imen BOUHLEL

Vice-President
Michael HAMM

Treasurer
Melissa DEWULF

Vice-Treasurer
Camilla DE BARROS SANTOS

Secretary
Léa RIPOLL

Vice-Secretary
Larissa MOURAO

Communication manager
Saber BEN MIMOUN

Webmaster
Stefan RATHJEN
FINANCIAL REPORT

Budget Subventions

French Classes
  Training Unit  17000 €
  Units contribution  5000 €
Young Scientists Retreat
  Training Unit  8000 €
  Labex Deep  2000 €
  Labex CellTisPhyBio  2000 €
Total  34 000 €

Budget spending by activity

Seminars (Ratatouille and Re-Si-Pi)  2155 €
Petit-déjeuner professionnel  25 €
YRLS  2000 €
Young Scientists Retreat  6100 €
French Classes  16428 €
Social events  1800 €
Operating costs  363 €
Total  28 871 €

Transfer to 2016-2017 budget  7000 €
### Forecast report 2016-2017

<table>
<thead>
<tr>
<th>Event</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminars (Ratatouille and Re-Si-Pi)</td>
<td>2400 €</td>
</tr>
<tr>
<td>Petit-déjeuner professionnel</td>
<td>100 €</td>
</tr>
<tr>
<td>Young Scientists Retreat</td>
<td>12 000 €</td>
</tr>
<tr>
<td>French Classes</td>
<td>17 000 €</td>
</tr>
<tr>
<td>Social events</td>
<td>2500 €</td>
</tr>
<tr>
<td>Operating costs</td>
<td>500 €</td>
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<td>20th year anniversary of the ADIC</td>
<td>3000 €</td>
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**Total** 37 500 €

### 2016-2017 Subsidies

<table>
<thead>
<tr>
<th>Budget</th>
<th>Amount</th>
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<tbody>
<tr>
<td>2015-2016 budget</td>
<td>7000 €</td>
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#### Training Unit

<table>
<thead>
<tr>
<th>Event</th>
<th>Amount</th>
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<tbody>
<tr>
<td>French Classes</td>
<td>17 000 €</td>
</tr>
<tr>
<td>Young Scientists Retreat</td>
<td>8000 €</td>
</tr>
<tr>
<td>Institut Curie</td>
<td>5500 €</td>
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**Total** 37 500 €
<table>
<thead>
<tr>
<th>KEY FIGURES</th>
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</thead>
<tbody>
<tr>
<td><strong>WE REPRESENT</strong></td>
</tr>
<tr>
<td>295 Postdocs</td>
</tr>
<tr>
<td>255 PhD Students</td>
</tr>
<tr>
<td>165 Master Students</td>
</tr>
<tr>
<td>263 Technicians/Engineers</td>
</tr>
<tr>
<td><strong>85</strong> Participants</td>
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<tr>
<td><strong>55</strong> Participants</td>
</tr>
<tr>
<td><strong>2</strong> Multi-association Organized Events</td>
</tr>
<tr>
<td><strong>16</strong> Internal Conferences</td>
</tr>
<tr>
<td><strong>22</strong> Speakers</td>
</tr>
<tr>
<td><strong>5</strong> Social Events</td>
</tr>
<tr>
<td><strong>French Classes</strong></td>
</tr>
<tr>
<td><strong>Curie-Pasteur Joint Retreat</strong></td>
</tr>
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</table>
The ADIC has a new Logo!

The new logo has been approved during the general assembly that took place on Tuesday February 23rd, 2016. It is designed in order to reflect our affiliation to the Institut Curie, to the Paris area and Biology as a general research domain.

The ADIC has a new Brochure!

In order to present the ADIC and promote its activities, a brochure has been created and is distributed regularly at all ADIC’s events.

The ADIC has a new Poster!

A new poster depicting all ADIC activities has been designed and then displayed by “Institut Curie Training Unit” at the ASCB (American Society for Cell Biology) annual meeting at San Francisco (USA) on the 3rd of December 2016.

Communication manager

Saber BEN MIMOUN
The French classes are sponsored by the Training Unit and organized by the ADIC to provide Students, Post-Docs and Curie personnel with the opportunity to learn French.

For the year 2015-2016, two sessions have been proposed. The fall session included 10 weekly courses of 2 hours (3 groups of different levels) with a capacity of 23 attendees. The spring session included an intensive week with a capacity of 9 attendees and 10 weekly courses of 2 hours (6 groups of different levels) with a total capacity of 53 attendees.

Since this year, the subscription to these classes is covered by the different research units (100€ per attendees for weekly courses and 70€ for the intensive week). The French classes were a great success with the Curie institute’s staff. Unfortunately we had to decline several applications.

Students of this year are from these units:
- Inserm : U830/900/932/934/1021
- CNRS : UMR144/168/3244/3348/3664/3666

Organizing Team

Nicolas TARDIF  Imène BOUHLEL
Session 1 (Fall):

Weekly courses: 23 attendees
(14 post-docs; 6 PhD students; 1 engineer; 1 MD)

Session 2 (Spring):

Intensive week: 9 attendees
(4 post-docs; 3 PhD students; 1 engineer, 1 from the training unit)

Weekly courses: 53 attendees
(25 post-docs; 2 team leaders; 14 PhD students; 4 master students; 3 engineers; 3 interns; 1 professor and 1 from the training unit)
The second edition of ReSiPi started in October 2015 and ended in July 2016 and took place at the Institut Curie (building 111, Orsay).

Twelve sessions, with various topics, have been organized thanks to the participation of: Master, PhD students and Post-Docs from Institut Curie.

We had also the honor of welcoming external guests for two special ReSiPi sessions. Dr. Heinz, Professor at NIH, Bethesda (USA), talked and answered questions about career development for PhD students. During the last session, Dr Kunxin LUO, Professor at UCSF, Berkeley (USA), participated in a round table about the research environment in the USA.

Up to 30 persons attended each ReSiPi session, interacted with the speaker and enjoyed pizza for lunch.

Starting from this edition, we were happy to welcome a new member to our organizing team: Morgane MORABITO, a PhD student (UMR3347/U1021), now in charge of the management of new speakers.
Summary of sessions of the 2nd edition:

October 12th, 2015
• Zakie AKTARY, Post-Doc (UMR3347/U1021) : “Molecular Characterization of the Tumor/Metastasis Suppressor Activity of Plakoglobin (γ-catenin)”
• Wael JDEY, PhD student (UMR3347/U1021) : “Dbait and Olaparib: birds of different feathers can also flock together”

November 16th, 2015
• Juliette BERTRAND, PhD student (UMR3347/U1021) : “UVB activates β-catenin in melanocytes and affects their migration”

December 16th, 2015
• Stephanie LEMAITRE, PhD student (UMR9187/U1196) : “An intraocular tumor: choroidal melanoma”

January 11th, 2016
• Dr. Heinz ARNHEITER, PhD, (NIH, Bethesda, USA) : “Career development for PhD students”

March 14th, 2016
• Sofia MORGADINHO FERREIRA, PhD Student (UMR3347/U1021) : “Divergent clonal selection dominates medulloblastoma at recurrence”

April 18th, 2016
• Rym SFAXI, PhD Student (UMR3348) : “The regulation of pre-mRNA 3'-end processing in response to DNA damage”

May 9th, 2016
• Francesca ROCHETTI, PhD Student (UMR3348) : “Editing the human genome”

June 6th, 2016
• Charlène ESTRADA, M2 Student (UMR3347/U1021) : “Insight into the mechanism of paradoxical activation of the MAPK/ERK pathway by Vemurafenib in NRAS-driven cutaneous melanoma”
• Marco ZANINI, M2 Student (UMR3347/U1021) : “Insight into cellular and molecular mechanisms controlled by the transcription factor Atoh1 during cerebellar development”

July 11th, 2016
• Dr. Kunxin LUO, Professor at Berkeley (USA): “The research environment in the USA & career advice”
The third edition of the Ratatouille seminars started in October 2015 with a new organizing team: Juliane Glaser and Larissa Mourão replaced Diana Pinheiro and Joanna Kowal.

Nine sessions were organised (three of which were covered by the Activity Report of 2015). The next page includes the dates when these sessions took place and the list of speakers (mostly PhD students) working on various topics, but also Nathalie Le Bot, Senior Editor of the *Nature* journal, who joined us for a special edition in January 2016.

These seminars keep promoting exchange and networking among Curie young researchers, with 20-30 people attending each session, in an informal and relaxed environment around two small talks and pizzas.

We are looking forward to keep this project moving, and we believe that the next year will be an equivalent success!

**Organizing Team**

Juliane Glaser, PhD student (UMR3215/U934)

Larissa Mourão, PhD student (UMR3215/U934)

Rafael Galupa, PhD student (UMR3215/U934)
January (28th) Special edition
Lunch with Natalie Le Bot, Senior Editor at Nature

February (24th)
• Youmna Attie, PhD student (UMR144)
• Antoine Campagne, PhD student (UMR3215/U934)

March (25th)
• Camilla Santos, PhD student (UMR144)
• Nicolas Servant, PhD student/Bioinformatician (U900)

April (25th)
• Eléonore Toufektchan, PhD student (UMR3244)
• Raquel Perez-Palacios, Postdoc (UMR3214/U934)

May (17th)
• Imène Bouhlel, PhD student (UMR144)
• Guillaume Jacquemin, PhD student (UMR3215/U934)

June (22th)
• Bruno Latge, PhD student (UMR144)
• Armelle Luscan, PhD student (UMR3215/U934)
The Institut Curie and Insitut Pasteur agreed to reinforce scientific collaborations, canalize their means and to intensify their teaching activities. In the scope of this framework, both student associations STAPA and ADIC decided to organize the 1st joint Curie-Pasteur in Branville in Normandy between 10th-12th July. Each of the 55 participants could choose if they wanted to participate with a talk, a poster or a scientific teaser.

Due to the heterogeneity of research topics, the talks were categorized in different sessions, namely: bacterial pathogens, mycology, immunology and cancer, cell biology and virology, genetics and epigenetics, diagnosis and patient therapy.

The talks were mixed with two sessions of poster presentations and a newly developed concept called « Scientific Teasers », which consisted in presenting their research projet in 60s seconds.

In addition, each institute invited a keynote speaker. Therefore we had the pleasure to listen to Stephan Blanc from INRA, UMR BGPI at Montpellier talking about « A pluricellular way of life for multipartite viruses » and Carsten Janke, form the Institut Curie, Orsay enlightening us about « How the tubulin code regulates tubulin functions ». The scientific part was accompanied by various games and sport activities.
Our evaluation in the end revealed that the participants have been very happy with the retreat, a third wants to start a scientific collaboration with a person met there and 60% would like to help with the organization next year. It appears that the retreat helped to strengthen the scientific bonds between both our institutions and provided the starting point of future collaborations.

At this point we would like to thank for the generous funding from the Training Unit of the Institut Curie, Labex Celtisphybio, Labex Deep and PSL Research University.

Our special thanks go to the organizing committee member from the Institut Curie, who spent long hours after work to make the retreat happen, members namely: Thomas Murarasu, Stefan Rathjen, Sofia Ferreira, Maria Kozlak, Saber Ben-Mimoun and Michael Hamm.
These meetings take place every two months and the location changes every time (see the list for 2015). The aim is to make PhD students and Post-docs meet with people who also obtained their PhD in academia during breakfast (8:45 to 11am) on a round table to be able to discuss. We generally host 4 to 6 speakers and up to 65 participants maximum (depending on the size of the room).

Even though we used to organize our own “petits déjeuners” the ADIC organizers were often lacking contacts in their network, or competing with these bigger “petit-déjeuners”. So in 2015, we decided to join the organization of these meetings. By combining our large network, we can easily reach PhDs working in industry, governmental agencies or in academia (but not as a researcher), we are also able to offer several meetings during the year to our PhD Students and Post Docs (instead of once a year).

The different discussions are held in French. The reason for this is that French is a key requirement in private companies, so we encourage our participants to practice and test their capabilities in this tongue.

In 2015-2016, 5 petits déjeuners have been organized, and a last one will be held the 4th of October, 2016. We have invited a total of 28 speakers and hosted a total of 228 participants. These events took place at Hopital Saint Louis, Jussieu, Institut Cochin, and Institut Curie.

2015-2016 list of events:
**Mardi 22 Septembre, Institut Curie, Chez Marie**

Participants : 38
Speakers : 4
- Stéphane Caulet, Consultant en financement de l’innovation chez DoubleV conseil
- Saci Iken, Responsable des comptes chez StemCell Technologies
- Anne Lenoir, Conseil et accompagnement des porteurs de projets dans les processus de valorisation au Canceropole
- Olivier Geneste, Directeur des programmes de recherche sur l’apoptose chez Servier.
Mardi 25 Novembre, Jussieu, Tour Zamansky
Participants : 65  
Speakers : 6  
- Johan Le Men, Senior Associate pour le Boston Consulting Group.  
- Delphine Guerbois, Attachée au financement de l’innovation en étant consultante chez Sogedev.  
- Mickael Machicoane, Chef de projet pour la Satt Lutech  
- Lucie Viou, Communication scientifique à l’institut technique de la betterave.  
- Robin Jamet, Médiateur au palais de la découverte au département de Mathématiques  
- Stéphanie Couvreur, Gestion des projets de diffusion de la science au grand public à la diagonale Paris-Saclay.

Mardi 19 janvier, Institut Imagine 7ème étage
Participants : 52  
Speakers : 4  
- Charlotte Richard, Chargée de communication scientifique au Cancéropôle Île-de-France.  
- Maria Givony, Chef de projet de la filière maladies rares FIRENDO.  
- Charlotte Benoît, Manager de la recherche préclinique chez Nordea Medical.  
- Laura Mitrofan, Oncology Client Service chez IMS Health.

Mardi 8 mars, Institut Cochin, Salle Rosalind Franklin
Participants : 35  
Speakers : 5  
- Estelle Durand, Présidente PhenoPups  
- Christelle Ventura, Chef de projet en sciences sociales pour la SATT IdF Innov  
- Florence Guibal, Fondation pour la recherche médicale  
- Ali Jaafar, Chef de projet R&D aérospatial Altran France.  
- Christelle Petit, Ingénieur brevet spécialisé en chimie chez ICOSA.

Mardi 4 Mai 2016, Hôpital Saint Louis
Participants : 38  
Speakers : 5  
- Charlotte Lahoute, Chercheur sénior en immunologie, Sanofi  
- Lydie Viatte, Chef de projet pour la SATT Idf Innov (Sociétés d’Accélération du Transfert de Technologie).  
- Jonathan Lévy, Cofondateur et porteur de projet chez Hublex, concepteur du gyropode HUBLEX,  
- Lisa Ivanschitz, Post-doctorante chez Servier en oncologie  
- Grégory Lambert, Chief Executive Officer à TargEDys.
This year, we welcomed more than 260 participants from 57 institutes and 13 countries. During three days, the attendees were encouraged to interact in formal and informal settings, attending scientific presentations and workshops as well as exchanging during social events. Altogether, young scientists came from France, Brazil, Germany, Hong Kong, Hungary, Italy, Maroc, Monaco, The Netherlands, Russia, Spain, India and United Kingdom. The participants could attend 36 talks during nine sessions, from Cellular and Molecular Biology to Ecology and Evolution, and exchange over 159 posters during three exceptionally well attended and dynamic interdisciplinary poster sessions. Also, 78 senior scientists and researchers were invited to judge the talks and posters.

The YRLS conference had the honor to welcome two prestigious keynote speakers, the first one being Dr. Susana Coelho from Station Biologique de Roscoff who works on the evolution of reproductive systems. Her talk focused on brown algae reproductive biology, presenting the diverse reproductive mechanisms of this organism. The second keynote speaker, Pr. Buzz Baum from University College London, gave a visionary lecture focusing on the physical processes which shape living tissues. His views about how to support emerging hypothesis with modelisation were inspiring for the whole audience from young students to jury members who were keen to attend his lecture. He encouraged young researchers to challenge established dogma and create long lasting collaborations as early in their carrier, opening the way to fruitful exchanges after the lecture.

The 7th Young Researchers in Life Sciences Conference (YRLS) took place on May 18th-20th 2016 at Institut Pasteur. All the core set up of the conference was once again organized by an outstanding team of motivated and creative young researchers present in the organizing committee and being part of the YRLS Federation. The YRLS conference represents to young researchers, a unique environment, where they can share experiences with peers, evolve their networks, and get new insights that may enrich their personal projects and guide career paths.
NEW INSIGHTS AND UPDATES

A Round Table discussion about Communicating and Popularizing Science was organized. We invited Dr Renaud Huynh, director of the Curie Museum, Dr Cathy Oualian, director of Paris-Montagne, Dr Elodie Chabrol, director of Pint of Science France and Dr Ana Rita Furtado, project manager at Native Scientist. They presented different carrier paths of popularizing science and discussed the importance and challenges of communicating science with a non-scientific audience.

The workshop on « 3D bio-printing and tissue bio-engineering » was held by Pr Dominique Franco, chair of the Association CellSpace. He made an interactive presentation, talking about engineering of stem cells, matrix and scaffolds development, in silico modeling, micro-patterning and bio-printing.

SPEED DATING

For the first time, the congress opened its doors for outreach to the public through a Scientific Speed Dating. Organized with the help of the association Le Cercle - Schlumberger Foundation for Education and Research (FSER), this event gave the opportunity to people from diverse backgrounds to talk with biologists in small groups. It was a great way for young researchers to expose their work to a large public. This new activity was very well rated by the participants “The scientific speed dating is to do again next year!” – and we certainly will keep it as a new YRLS tradition.
The social events organized by the ADIC consist in either “Aperos” (7 – 11 pm) or parties (7 pm – 2 am) that take place “Chez Marie”. Usually registration for the Aperos and parties cost respectively 3 and 5€. This allows us to cover the expenses for the drinks and therefore the ADIC only has to pay for food and security.

The 2015-2016 school year started with the “Halloween party” which took place on October 30th 2015. Due to security reasons the “party” format was no longer possible and “Aperos” were organized instead. Since the beginning of 2016, two of them took place on March 4th and June 17th.

A special event was also co-organized by the Cytoskeleton course, the Training Unit, the Labex Deep and the ADIC. This social event which took place on a boat on the 15th of April was originally meant for the participants to the cytoskeleton course and the invited speakers. The ADIC was then offered the possibility to co-organized this event and consequently “invite” people from Curie.