ADIC
ACTIVITY REPORT
2017–2018

Association des Doctorants,
Post-doctorants et Jeunes chercheurs
de l’Institut Curie
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Since its creation in 1997, the ADIC has officially been representing PhDs, PostDocs and every other young researcher of Institut Curie. Our mission is to help young researchers from the institute 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 great variety of events. We help young researchers to integrate rapidly into the Curie community by organizing French classes and various social events (Happy Fridays and Parties). Young researchers have, throughout the year, the possibility to present their scientific work in an informal manner at the Ratatouille (Paris) and ReSiPi (Orsay) seminars.

Moreover, the ADIC organizes every year an international joint Young Scientists Retreat with other European Research Centres. This year the Young Scientist Retreat took place in Bratislava jointly with the CeMM research centre from Vienna. This meeting encouraged networking and collaborations among young researchers.

Our involvement in the organization of the YRLS conference (Young Researchers in Life Sciences), the “Petits-Déjeuners Professionnels” and the notorious French scientific-industrial meeting the “Forum BIoTechno” not only allowed an increased visibility of the Institute, but also allowed participants to interact with academic and industrial partners.
Finally, it is important to acknowledge all the members of the ADIC without whom none of this would have been possible. We also greatly appreciate our collaboration with the administration, the Training Unit, the communication department and the different Labex, and thank them for their support throughout the year.

The ADIC bureau
ORGANIZING COMMITTEES

Young Researchers in Life Science – YRLS 9th edition
Jeffery Daniel; Lucchino Marco

French Course
Tardif Nicolas; Forrester Alison

Young Scientist Retreat – YSR 2018
Samandar Eweis Dureen; Vivet-Noguer Raquel; Curras Alonso Sandra; Benito Martinez Silvia; Perkins Meghan; Kulkarni Om; Lucchino Marco

ReSePi
Zanini Marco; Estrada Charlene; Singh Puja; Bodakuntla Satish; Kozlak Maria; Morgadinho Ferreira Sofia; Ghosh Deepanjan; Ben Mimoun Saber

Ratatouille
Glaser Juliane; Barutaut Manon; Dura Mathilde

Forum BIOtechno Paris
Barutaut Manon; Peltier Agathe; Vinet Mathilde

Petits Déjeuners Professionels
Mikhajlov Oleg

PostDoc Activities
Forrester Alison

Social Events and Party
Boyd Joseph; Boumard Benjamin; Tortorelli Anna Francesca; Jacopo Carpentieri; Ozguc Ozge
# Financial Report

<table>
<thead>
<tr>
<th>Subvention</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training unit and Labex donation for retreat</td>
<td>14,900 €</td>
</tr>
<tr>
<td>Training unit donation for French courses</td>
<td>15,500 €</td>
</tr>
<tr>
<td>Unit payment for French courses</td>
<td>4,500 €</td>
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<tr>
<td>Unit payment for French courses (payment pending)</td>
<td>6,000 €</td>
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<tr>
<td>Unit payment for retreat</td>
<td>840 €</td>
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<tr>
<td>Institut Curie donation</td>
<td>6,000 €</td>
</tr>
<tr>
<td>Social events</td>
<td>2,290 €</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>44,030 €</strong></td>
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## Pie Chart

- **Training unit and Labex donation for retreat**: Pink
- **Training unit donation for French courses**: Green
- **Unit payment for French courses**: Red
- **Unit payment for French courses (payment pending)**: Blue
- **Unit payment for retreat**: Orange
- **Institut Curie donation**: Cyan
- **Social events**: Dark blue

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**ADIC**
# Financial Report

## Expenses

<table>
<thead>
<tr>
<th>Expense</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Young researchers Retreat</td>
<td>12750 €</td>
</tr>
<tr>
<td>French courses</td>
<td>23788 €</td>
</tr>
<tr>
<td>Re-Se-Pi and Ratatoille seminars</td>
<td>2378 €</td>
</tr>
<tr>
<td>Happy Friday</td>
<td>544 €</td>
</tr>
<tr>
<td>Post-Doc seminars</td>
<td>200 €</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>39660 €</strong></td>
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</tbody>
</table>

Legend:
- Young Researchers Retreat
- French courses
- Re-Se-Pi and Ratatoille seminars
- Happy Friday
- Post-Doc seminars
The YRLS conference has grown to be a major scientific congress, with over 200 attendees annually, a full three-day program and a budget of over 40,000 euros. Each year, it is organized by volunteers from the Parisian PhD and Postdoc associations that make up the YRLS federation, of which ADIC is a founding member. The conference is designed by and for researchers in the early stages of their scientific careers from all fields of life sciences. Bringing together young researchers from all across Paris, and drawing in a growing number from abroad, this conference gives early-career biologists a unique opportunity to connect with their peers, strengthening their ties to encourage collaboration and mutual support, and allowing them to present their work in an enriching and open environment.

The 9th edition of the YRLS Conference took place at the Jourdan Campus of the École normale supérieure, Paris, from May 2 to 4, 2018. It included over 150 young researcher participants, with 32 selected short talks and 74 posters. Also, more than 60 senior scientists were welcomed to judge the talks and posters. From the very first planning stages to the final wrap-up, all of this was planned and executed by a team of 34 Masters, Research Engineers, PhDs or Postdoc volunteers representing our nine member associations (ACTIF, ADELIH, ADIC, ADIT, AMPS, Les Cartésiens, SPIBens, StaPa, and YR2I).
The YRLS conference also had the honour to welcome three prestigious keynote speakers. On day one, Duncan Odom presented his ground-breaking work on comparative functional genomics in transcription and cancer evolution. On day two, Amritpal Mudher demonstrated the translational value of Drosophila models for human neurodegenerative diseases. And on the last day, Viola Vogel gave a fascinating lecture on the medical technologies inspired by Bacteria.

**New Insights and Updates**

An engaging Round Table discussion on the common goals and divergences of public and private research brought together the viewpoints of Mathieu Trystram, Project manager, Head of the Life Sciences sector, and Acting Head of the Digital sector at Agoranov; Colby Benari, Career counselor and Head of the Academic Careers Office at University College London; Karine Cambon, Scientist and Platform Manager at MIRCen and CEA; and Philippe-Jacques Chamiot-Clerc, Senior scientist, Project head, and Group leader at Sanofi. Through interaction with the participants, they discussed the real differences between the private and public sectors, highlighting how they impacted their lives and careers as a scientist.

There were also three highly practical concurrent workshops: Career Development: a landscape in Academia and Industry, hosted by ADOC Talent Management, Enrich your work: practical design tips for scientific illustration, a hands-on Inkscape class with Felipe Delestro Matos (IBENS), and How to popularize science, with hands-on research-based exercises, hosted by Universcience. Through these workshops, participants had the opportunity to gain expert advice and practical skills to enhance their career paths and scientific communication.
This year, in addition to the concurrent workshops and round table discussion, the scientific program was also complemented with a scientific outreach session towards elementary school students, as well as activities to promote peer networking.

Scientific Outreach - Scientific speed dating: meeting elementary school students to promote research, including a special hands-on experiment performed with members of the YRLS organizing committee and volunteers from the YRLS participants – organized together with the Cercle Schlumberger Foundation for Education and Research

Networking activities - This year, to enhance the conviviality and open atmosphere of the conference, attendees participated in a series of active ice-breaking challenges led by the organizing committee, including pipette racing, scientific charades, and biology trivia. A sticker-grid system was also implemented to promote networking and participation, with stickers earned for activities like interacting with sponsors, asking questions after presentations and evaluating posters. The attendees with the most stickers at the end of the conference won small prizes and accolades from the entire assembly.

ADIC representatives and their role in YRLS

Daniel Jeffery - Vice President
Marco Lucchino - Program Team
Satish Kailasammani - Program Team
Puja Singh - Design Team
Mathilde Vinet - Hospitality Team
Lucie Barbier - Officials Team
Oliver Saulnier - Officials Team
FRENCH COURSE

Thanks to the financial support of the Training Unit and Institut Curie’s research units, also this year, ADIC was able to organize French Courses addressed to foreign PhD students, Post-Docs and Curie personnel. The French courses are executed by the Transfer Company.

For the year 2017-2018, two sessions (winter and summer sessions) have been held. Each session included 10 weekly courses of 2 hours (6 groups of different levels) with a capacity of 53 attendees.

As every year, French courses had a great success within Curie institute’s staff and the rate of absenteeism is decreasing over the years.

**Winter Session:**
53 attendees (25 post-docs; 21 PhD students; 5 engineers; 1 team leader and 1 Master student)

**Summer Session:**
53 attendees (23 post-docs; 1 team leaders; 15 PhD students; 6 master students; 7 engineers; 1 visiting professor)
For the Young Scientists Retreat (YSR) of 2018, Institut Curie collaborated with the Research Centre for Molecular Medicine (CeMM) in Vienna to organise the retreat in Bratislava, Slovakia.

The YSR 2018 was held between 12th September and 15th September 2018. On the 12th of September, we were 28 participants from Curie departing together towards Vienna. There, we were welcomed by CeMM participants at their institute for a tour of their facilities and a refreshment break. From CeMM, a bus took all the participants of Curie and CeMM to a hotel in Bratislava where the Retreat would be held.

The Retreat was organised so that we had scientific talks, participant presentations, posters, roundtables and discussions in the morning and then social evenings for getting to know each other more from both institutes.

Our first keynote speaker was Bojan Zagrovic from Max F. Perutz Laboratories in Vienna. His lab is interested in biomolecular interactions, structure determination and crowding effects. Moreover, the lab of Zagrovic discovered recently robust correspondence between the nucleobase density profiles of mRNAs and the nucleobase affinity profiles of their cognate protein sequences suggesting a physico-chemical interaction.

Bridging Disciplines in Life Sciences
Max Fochler from the University of Vienna then gave a talk on competition and uncertainty in Life Sciences which later lead to interesting (and surprising) discussions with our peers regarding various aspects of scientific life and career choices. For our social evenings, we had a Bratislava city centre tour and treasure hunt as well as a traditional dinner inside a castle. Another day we had a Gala dinner followed by a party at the hotel in Bratislava.

We had excellent feedback from the participants particularly about networking, within and across institutes. The icebreaker activities were particularly appreciated, helped bridge the gaps and got everyone at ease for the following days. The scientific program was a good opportunity for exchange of ideas and learn different approaches and other aspects for successful research. Participants had a very broad range of experience (engineer through postdoc) that was valuable for networking. Participants also appreciated the chance to present their work in a convivial environment and take charge of scientific sessions such at the round tables.

Overall, the retreat was a worthwhile experience for the participants, and organisers in particular. We gained valuable insight that goes into managing an event like this, a successful learning experience which will undoubtedly help us better manage our scientific careers.
RESIPI SEMINARS

The fourth edition of ReSiPi started on October 2017 and ended on July 2018 and took place at the Institut Curie (building 111, Orsay).

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

External guests have also participated to two special ReSiPi sessions.

During the first special session, co-organized with the International Curie Course “Development and Cancer: From Pigment Cell Development to Melanomas”, we had the pleasure to listen to Christine DUVAL PhD, researcher at L’Oreal, and Giorgio SEANO PhD, Junior PI at Institut Curie. We had the opportunity to interact with them concerning careers opportunities both in private and academics.

In the second special session, we organized a job interview simulation in the private sector confronting Rym SFAXI, PhD and Rebekah D’ ARCY, Human Resources Generalist at PerkinElmer.

Description of ReSiPi activities

ReSiPi seminars (for Research - Science & Pizza) aim to provide a platform for M2 students, PhDs, Post-Docs willing to present their work in an informal manner, to learn about the projects being carried out in the institute and to encourage the interaction between the different labs.

It takes place monthly, with one or two presentations per session for which pizza is provided for lunch. Regularly, external speakers are invited on various topics. ReSiPi takes place at
Summary of the seminars
The fourth edition of ReSiPi started in October 2017 and ended in July 2018.

<table>
<thead>
<tr>
<th>DATE</th>
<th>TITLE</th>
<th>SPEAKERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 9th, 2017</td>
<td>Welcome session</td>
<td>Presentation of ReSiPi and introduction of the new organizers of ReSiPi</td>
</tr>
<tr>
<td>November 24th, 2017</td>
<td>Special session: round table in career development</td>
<td>Dr. Christine DUVAL researcher at L’Oréal and Dr. Giorgio SE-ANO, junior PI in Institut Curie</td>
</tr>
<tr>
<td>December 4th, 2017</td>
<td>Debugging the code: physiological implications of tubulin modifications</td>
<td>Dr. Sudarshan GADADHAR, Post-Doc in Janke’s team (UMR3348)</td>
</tr>
<tr>
<td>January 8th, 2018</td>
<td>The oxidation of biological macromolecules and the development of major human diseases: a causal link?</td>
<td>Dr. Elie HATEM, PostDoc in Huang’s team (UMR3348)</td>
</tr>
<tr>
<td>February 12th, 2018</td>
<td>Private sector: Job interview simulation</td>
<td>Rebekah D’ARCY, human resources generalist at PerkinElmer and Dr Rym SFAXI (UMR3348)</td>
</tr>
<tr>
<td>March 19th, 2018</td>
<td>Vitamin C in redox-based anticancer therapy</td>
<td>Nadine EL BANNA, PhD student in Meng-Er’s team (UMR3348)</td>
</tr>
<tr>
<td>April 9th, 2018</td>
<td>The role of beta-catenin in melanosome trafficking</td>
<td>Dr. Zackie AKTARY, Post-doc in Larue’s team (UMR3347)</td>
</tr>
<tr>
<td>May 28th, 2018</td>
<td>Master students session</td>
<td>Priyanka SOM, M2 student in Dutreix’s team (UMR3347) and Hugo ARBES, M2 student in Monsoro’s team (UMR3347)</td>
</tr>
<tr>
<td>June 18th, 2018</td>
<td>Statistical insignificance: p-value abuse and standard ways to make it meaningless</td>
<td>Dr. Alberto GATTO, PostDoc in Almouzni’s team (UMR3664)</td>
</tr>
<tr>
<td>July 16th, 2018</td>
<td>Single-molecule fluorescence microscopy approaches for understanding cellular processes</td>
<td>Jijumon SN, PhD student in</td>
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</table>
The Ratatouille seminars are young researcher’s seminars happening once per month in Curie Paris during lunch time. We have different formats of Ratatouille seminars which include short presentations given by young researchers from our Institute for regular sessions and special editions with external invited speakers. These seminars are a great opportunity for young researchers in Curie to talk about their projects in a casual environment, create connections within the Institute and practice their public speech skills.

Six Ratatouille seminars have been organized between January and September 2018. During the first session in January, we conducted a small poll among the audience (around 20 people) to learn about what they expect from the Ratatouille seminars and decided to have two special editions for thematic of interest.

The first special edition in May was dedicated to the platforms/services available in Curie. In September, we had a “Career Development” session with external speakers presenting their professional career outside academia after a PhD. We welcomed 20 to 30 participants for each session.

We had four regular Ratatouille seminars for which 3 PhD students, 3 Postdocs and 1 engineer have presented their work.

For all the Ratatouille seminars, we provided lunch with the budget allocated (details in the table below), and the unit Genetics and developmental biology participated financially for the last session as one of the speakers (Amani Said) has been invited by Jean-Léon Maître.
Every year, participants are asked to give us their feedback and preferences regarding the topics of the seminars and whether they prefer special editions to standard Ratatouille seminars.

### Special Edition vs Normal Edition

- **Special Edition**: 59%
- **Normal Edition**: 41%
- **Both**: 9%

### Seminar Topics

- **Career in Academia**
  - Platforms
  - Journal editor
  - Post-Doc position
- **Non-Academic Career**
  - Labex/Valorization
  - Master 2 presentation
  - Sabbatical Scientist

### Ratatouille Seminar Special Edition

- **Join us to discover your own institute at round tables**

### Ratatouille Seminar Special Edition - Career Development

- **Join us to discover Sciences outside our academic world**

### Talks

- **Antibody platform**
  - Representative: Sandrine MOUTEL

- **3D printer platform**
  - Representative: Ludovic LECONTE

- **Scientific writing**
  - Representative: Cristina BARTOCCI

- **Labex (DEEP, CelTisPhyBio)**
  - Representative: Léa WURGES

### Dates

- **14th May - 12H00 - Chez Marie**
- Lunch will be served

### Speakers

- **Amani SAID, Ph.D**
  - Editorial director

- **Elodie PAUWELS, Ph.D**
  - Medical writer

- **Elie HATEM, Ph.D**
  - Head of OXAM start up
  - Laurence LACROIX, Ph.D
  - Head of GENOPOL start up shaker

### Venue

- **Monday Sept 17th - 12h**
- Chez Marie - Lunch will be served
Forum BIOtechno Paris is a group of young researchers composed of 11 student associations in Paris: Adelih, ADIC, BioDcos, Les Cartésiens, Chadoc, Doc’ en herbe, Doc’ Up, Jecco, PMC Entrepreneurs, StaPa et YRII. This organization is part of the national network Réseau BIO-Techno which presents within 7 cities/regions in France.

Every year, BIOtechno Paris organizes networking events to promote interaction between biotechnology companies and young researchers. Our aim is to help students to develop their professional network and prepare them for a career outside academic research. Those events include professional visits and networking evenings all year long and are concluded by the Forum BIOtechno in June.

In 2018, the BIOtechno Paris team composed of 40 volunteers organized 3 professional visits (L’Oréal, Servier, Sanofi), 3 networking evening events (Institut IMAGINE, ICM, Jussieu) and the 22th edition of the Forum BIOtechno Paris (11th June at Espace St Martin).

The Forum started with a conference given by Pierre Monsan, headline speaker of the day, about the biotech company he created: Toulouse White Biotechnology. The second general conference was about developing a professional network. The third conference, last event of the day, was an insight about biomimetism, a biology field with high interest nowadays.

Throughout the day, the participants could interact with the private company partners of the event. Workshops about resume writing and job interviews were proposed by professional recruiters. With ten roundtables, a panel of professional careers after a PhD and outside academic research was presented.
To sum up Forum BIOTechno Paris with a few numbers:

- 3 Conferences
- 10 Roundtables
- 4 Workshops
- 52 Partners
- 181 Partecipants
- 61 Speakers

Results of the satisfaction survey conducted among the participants:

- 80% estimated the forum was very well organized, 20% well organized
- 98% estimated the event has been helpful for developing their professional network
These meetings are organized every two months by young researchers of six Parisian institutes and scientific centers: Institut Curie, Institut Pasteur, Institut Imagine, Saint Louis Hospital, Institut Cochin. These informal workshops are dedicated to doctoral student and young graduates. Their aim is to show a different path from academia following a PhD. The event is usually held in the morning between 8h45 and 11h45 under the form of round table discussions with different invited speakers from the industry or the private sector. In 2017–2018 academic year there were 5 breakfasts organized:

1) Institut Imagine
   38 Participants
   5 Speakers:
   - Garthiga Arumugam, expert business manager AIXIAL;
   - Jean Baptiste Pénigault, Live Cell Imaging Specialist Essen BioScience;
   - Yann Fardini, Rédacteur scientifique et Chef de projet Soladis Clinical Studies;
   - Meritxell Argence, Rédactrice scientifique Académie Française;
   - Caroline Reis, Clinical Operations Manager Orion Clinical.

2) Institut Curie
   33 Participants
   5 Speakers:
   - Amélie Petitprez, Medical Science Liaison Jazz Pharmaceuticals:
Mark Livingstone, Directeur Comptes Européens Scientist.com
Laurent Foiry, Directeur general SPRING Invest;
Morgane Montabrut, Key Account Manager - consumables Thermo Fisher Scientific;
Thomas Ybert, Directeur general DNA Script

3) Institut Pasteur
45 Participants
5 Speakers:
Emmanuel Pasco-Viel, Chargé de mission - MESR;
Alexey Rak, Chef de department Sanofi;
Jérémy Scelle, Consultant - F. Iniciativas;
Amélie Dublineau, coordinatrice de projet - Institut Pasteur;
Elodie Touzé, Médiatrice Scientifique - Palais de la Découverte.

4) Hôpital Cochin
26 Participants
4 Speakers:
Bruno Latge, Business Development Manager - Findmed;
Mathieu Ing, Chercheur - DBV Technilogies;
Maureen Alivon, Global Medical Communication Manager - Servier;
Remy Rodriguez, Life Sciences Consultant - Strategic Marketing at Novoptim.

4) Hôpital St Louis
39 Participants
6 Speakers:
Alix Rousseau, Business Developer - Innovarion;
Guillaume Rodriguez, Scientific - City of Sciences and Industry;
Agathe Valluet-Paul, Consultant - Quintiles IMS;
Romain Sikora, Clinical Research Associate in oncology - Saint-Louis Hospital;
Mikhail Zaslavskiy, Independent consultant in data science and bioinformatics - Owkin start-up;
Marc Chevalier, Scientific Career Advisor - Institut Pasteur.
The Post-doctoral network

In 2018 we have started a network for Postdocs at the Institut Curie, to promote Postdoc involvement in ADIC.

We asked postdocs to tell us what they needed, and what we could provide them with. The main points to emerge were that people wanted more networking opportunities between postdocs, and more efficient transfer of information on the wide variety of training courses already on offer at the IC.

To address these points, a small group of postdocs has come together to start some initiatives for the postdoc community.

Communication Slides in Unit Seminars
There are already many training courses on offer at the IC, run by associations including the Training Unit and ADIC. These cover a wide range of topics including soft and scientific career skills, networking with people in industry and opportunities to present work at various levels. Many people feel that information was not reaching the target audience, so we decided to create a slide to present at the start of unit seminars across the institute. The slide is based on upcoming events from the Training Unit and ADIC but is also open to any other contributors. This slide is aimed at all young researchers at the IC.

Mentoring scheme in collaboration with the TU
Many people feel that sometimes Postdocs are left unguided and unsupported during this crucial period of their careers. This can be difficult to address due to the wide range of needs of this group, encompassing individuals at massively varying stages of their careers and personal lives. To address this, in collaboration with the TU, we have decided to start a mentoring scheme
for Postdocs at IC. Each Postdoc will be encouraged to identify a mentor who must be a permanent researcher at IC and not in their own group. The pilot scheme starts this year.

Social events
Although ADIC already hold social events, the Postdocs told us that they would like some time specifically with other postdocs to socialize. Therefore, we have held 4 lunches in 2017-2018 with attendees between 15 and 30, and our first postdoc apero in October with 32 attendees. We plan to do one social event per month.

Postdoc run events - Invited guest seminars
Some of our postdocs know interesting people outside of research, and wanted to invite them to give a seminar. Our Postdocs have decided to collaborate with ADIC Ratatouille seminars to invite these inspiration and interesting guests and make a day including a seminar, lunch and informal meetings with those interested. We have held our first seminar of this kind by inviting Alejandro Montenegro-Montero, deputy editor from Wiley, who was invited by Pablo J. Sáez, postdoc from the UMR144. The activity consisted of lunch during which Postdocs and PhDs (21 attendees in total) could ask him about editorial life and several other aspects of the publication process. In addition, the speaker had 4 one-to-one meetings with Postdocs and PhDs that wanted to ask particular questions about how to pursue an editorial career.

Welcome Info sheet
We have provided a welcome sheet for the newly arriving young researchers at IC. It contains easy to access information on postdoc and PhD student specific email lists, and networks and societies that could be of use during a young researchers stay at IC.
SOCIAL ACTIVITIES
PARTIES AND APEROS

This year, ADIC maintained a festive spirit with parties celebrating Halloween in October, Chinese New Year in February, and the Cancer and Cell Biology course boat party in April. Happy Fridays took place in the Green Café fortnightly with a grand finale of unprecedented proportion in June. These events continue into the new year, with a pair of successful apéros since the rentrée, and the Halloween Party on November 9. This year saw the expansion of volunteers for this task, and a more orderly level of organisation.