

YRLS 2023 | Program

11 July - Identifying dangers and escaping the pursuit

- 8h30 - 9h30 Registration and Opening Speech
- 9h30 - 10h30 Keynote Lecture : **Julie McDonald, Imperial College London, United Kingdom**
Gut colonisation and gut development of antimicrobial resistance.
- 10h30 - 11h Coffee break
- 11h - 11h20 **Nell Saunders**
Dynamic label-free analysis of SARS-CoV-2 infected cells reveals real-time subcellular remodeling.
- 11h20 - 11h40 **Pierre Delamotte**
Investigating the metabolism of genetically-induced tumors in the Drosophila midgut
- 11h40 - 12h **Alice Dupin**
Investigating the Role of Vagal Complex-Projecting Neurons in Associative Learning and Peripheral Immune Regulation.
- 12h - 13h Sponsor Talk: PreproTech & Lunch
- 13h - 14h **Stephane Lemaire, Sorbonne Université, Paris**
The DNA revolution of digital data storage
- 14h - 15h Student association round table
- 15h - 15h20 **Grégoire Davignon**
Transcriptomic Analysis of Late Biofilm Formation in *Leptospira interrogans* Reveals Unexpected Copper Toxicity mitigation strategy.
- 15h20 - 15h40 **Adrian Gervais**
Auto-antibodies neutralizing type I IFNs underlie West Nile virus encephalitis in ~40% of patients
- 15h40 - 16h **Seow Vui Yin**
The Interplay between Type IV Pili and Periplasmic Space Regulation during DNA Uptake in *Neisseria gonorrhoeae*
- 16h - 16h15 Poster set-up
- 16h15 - 17h45 Poster session A & sponsor table

YRLS 2023 | Program

12 July - From the biggest to the smallest

- 8h30 - 9h30 Keynote Lecture : **Cristina Mayor-Ruiz, IRB, Barcelona**
Drug development and protein degradation
- 9h30 - 9h50 **Cyan Ching**
Automatically sample membrane proteins in cryo-electron tomograms with TomoCHAMPS
- 9h50 - 10h10 **Iffat Sumia**
The marriage of microscopy and AI to make the medicines of tomorrow
- 10h10 - 11h Coffee break
- 11h - 11h20 **Nur Elyza Binte Zulkifli**
Drugs Targeting Human Peroxiredoxin 6 as a Novel Class of Antimalarial Agents
- 11h20 - 12h Sponsor talk - ProteinTech
- 12h - 13h Lunch
- 13h - 13h20 **Jad Masri**
Consanguineous Marriage and Stroke susceptibility: A Pilot Case-Control Study
- 13h20 - 13h40 **Léa Bernier**
Spores-on-a-Chip: Deciphering the responsiveness of bacteria using microfluidic chemostats
- 13h40 - 14h **Dorenda Schoorl**
Study of in vivo Plasmodium vivax – host bone marrow interactions
- 14h - 15h Masterclass : **Felisa Berenguer, ABG, France**
Boosting your career development by networking
- 15h - 15h30 Masterclass : **Felisa Berenguer, ABG, France**
Marketing your PhD experience and skills with MyDocPro
- 15h30 - 16h Group photo
- 16h - 17h45 Poster & Networking session

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13 July - Today's Cellular Biology: evolution and diseases

- 8h30 - 9h30 Keynote Lecture : **Alba Diz-Muñoz, EMBL, Heidelberg**
More than the sum: how does a composite interface govern function?
- 9h30 - 9h50 **Maria Angeles Morcillo**
Unravelling the mitochondrial hug: New biochemical insights into their tethering
- 9h50 - 10h10 **Pierre Foucalt**
A short *Microcystis aeruginosa* (Cyanobacteria) bloom triggers major changes in the gut microbiota and holobiont's metabolome of the medaka fish (*Oryzias latipes*)
- 10h10 - 10h30 **Daniele Campisi**
The autophagy protein WIPI2 governs the formation of the platform where omegasomes are generated.
- 10h30 - 11h Coffee break
- 11h - 11h20 **Nicole Ortiz**
The role of the Habenulo-Interpeduncular Nucleus (Hb-IPN) pathway in modulating aversive behaviors in the zebrafish
- 11h20 - 11h40 **Pierre Duquesne**
Description of the novel role of kinesin-1 in dendritic cell migration : a bridge between microtubules and actin pools
- 11h40 - 12h00 **Julie Patat**
The hyperactivation of TFEB in endocytosis and migration in high grade cancer cells.
- 12h00 - 13h Lunch
- 13h - 14h Masterclass : **Renaud Pourpre, Popularizer - Creator Spokesperson of L'Exploratoire**
Tips for becoming a part-time Sci-commer
- 14h - 15h30 Poster & voting session, sponsor table
- 15h30 - 16h Prize ceremony and closing speech

