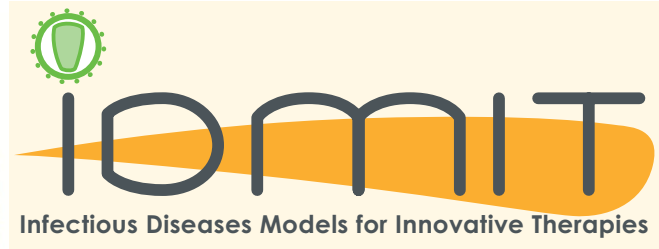




IMVA
center for Immunology of Viral
infections and Autoimmune diseases
UMR 1184 - Université Paris-Sud - CEA - Inserm



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**“LIVE Students welcome, teaching and practical courses”
(n = 21)**

2nd to 4th (am) December 2019

(CEA-FAR site/IDMIT building)

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10h30 – Welcome/coffee

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Day 1/Presentations & seminars (2nd of December)

→ IDMIT, preclinical studies, animal models, ethics and welfare

10h45-11h15– DUCANCEL Frédéric (Deputy director)

« General presentation of IDMIT»

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11h15-12h15 – LE GRAND Roger (Head of IDMIT Department)

« Animal models & preclinical studies »

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12h15-13h15 – HO TSONG FANG Raphaël (Head of the laboratory « Animal Science & Welfare »)

« Animal ethics and welfare»

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13h15-14h15 – Lunch (buffet froid à IDMIT)

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→ Cutting-edge technologies: *in vivo* imaging

14h15-15h00 – NANINCK Thibaut (laboratory « Infection and immunity imaging»)

« PET-CT imaging to reveal infection and inflammation »

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15h05-15h35 – CHAPON Catherine (Head of the laboratory « Infection and immunity imaging»)

« Infection and *in vivo* imaging »

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→ Vaccines

15h40-16h40– TOURNIER Jean-Nicolas (Team leader)

« Vaccine against biological threats: a long story from smallpox to Ebola virus »

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17h00-17h30– General Discussion

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17h30 – End of Day 1

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**Day 2/Seminars/Bioinformatics/Visits & Practical courses
(3rd of December)**

→ Cutting-edge technologies: cytometry

09h00-09h45– GALLOUET Anne-Sophie (Laboratory « FlowCytech»)

« Flow-cytometry to monitor immune responses »

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09h50-10h35– MARCOS-LOPEZ Ernesto (Laboratory « FlowCytech»)

« Mass-cytometry to monitor immune responses »

→ Immunogenicity & vaccines

10h40-11h25 – LEONETTI Michel (Team leader)

« Proteins and vaccines immunogenicity »

11h30-12h30 – BEIGNON Anne-Sophie (Team leader)

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12h30-13h30 – Lunch
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Visits

→ Two half-groups (group 1) and (group 2) of about 10-11 students each

Group 1 (14h00-16h00)

→ IDMIT visit: Raphael Ho Tsong Fang & Benoît Delache

- Biosafety level 2 & 3 animal facilities

Group 2 (14h00-16h00)

In vivo imaging: N. Kahlaoui et T. Naninck

- *In vivo* TEP-TDM: equipment and principal

In vivo imaging: C. Mayet

- *In vivo* two-photon microscopy: equipment and principal

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Coffee break
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Group 2 (16h15-18h15)

→ IDMIT visit: Raphael Ho Tsong Fang & Benoît Delache

- Biosafety level 2 & 3 animal facilities

Group 1 (16h15-18h15)

In vivo imaging: N. Kahlaoui et T. Naninck

- *In vivo* TEP-TDM: equipment and principal

In vivo imaging: C. Mayet

- *In vivo* two-photon microscopy: equipment and principal
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18h15 – End of Day 2

Half-Day 3/Visits & informatics (am of 4th of December)

09h00-10h30 – DUCANCEL Frédéric

“Peptide and protein molecular evolution”

10h30-10h45- coffee

10h45-12h00 – TARGAT Brice

“Data storage and LIMS management”

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12h00-13h15 – Lunch

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14h00- Departure
