France – Japan Symposium

IMPLICATIONS OF SENESCENCE IN AGE RELATED DISORDERS: TOWARDS HEALTHY AGING

September 5th and 6th 2019
Campus des Cordeliers, 15 rue de l'Ecole de Médecine - 75006 Paris

PROGRAM

Day 1: September 5th 2019
Campus des Cordeliers - Amphi Bilsky-Pasquier

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8h30</td>
<td>WELCOME</td>
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<tr>
<td>9h00-9h10</td>
<td>Introduction, Official representative from INSERM &amp; Victor APPAY</td>
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Session 1 - Mechanisms of Cellular Senescence

Chairs: TBD

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<th>Time</th>
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<tbody>
<tr>
<td>9h10-9h30</td>
<td>Title: The gene-regulatory code of cell senescence: implications for aging and disease Oliver BISCHOF, Paris, France</td>
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<tr>
<td>9h30-9h50</td>
<td>Title: Pericentromeric instability during replicative senescence Eric GILSON, Nice, France</td>
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<td>9h50-10h10</td>
<td>Topic: Regulation of senescence by stress-dependent epigenetic change Shunsuke ISHII, Tokyo, Japan</td>
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<td>10h10-10h30</td>
<td>Topic: Obesity and cellular senescence: a gut microbial connection Eiji HARA, Osaka, Japan</td>
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<tr>
<td>10h30-10h50</td>
<td>Title: Emerging role of ITPR2 and of ER-mitochondrial Calcium transfer in regulating Senescence, Cancer and Aging David BERNARD, Lyon, France</td>
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<tr>
<td>10h50-11h20</td>
<td>COFFEE BREAK</td>
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Session 2 - Stem Cell Aging

Chairs: TBD

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<th>Time</th>
<th>Event</th>
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<tr>
<td>11h20-11h40</td>
<td>Title: Ageing affects transcriptional control in muscle stem cells Shahragim TAJBAKHSH, Paris, France</td>
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<td>11h40-12h00</td>
<td>Topic: Stem cell division dynamics for skin aging Emi NISHIMURA, Tokyo, Japan</td>
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<td>12h00-12h20</td>
<td>Topic: Chronic inflammatory milieu causes differentiation and exhaustion of tissue stem cells</td>
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</table>
12h20-12h40 Title: Linking stem cells senescence and osteoarthritis onset
   Christian JORGENSEN and Jean-Marc BRONDELLO, Montpellier, France

12h40-13h00 Topic: Inflammation-instructed early hematopoiesis
   Hitoshi TAKIZAWA, Kumamoto, Japan

13h00-14h30 LUNCH

Session 3 - Immuno-Aging

Chairs: TBD

14h30-14h50 Title: Exhaustion of primary immune resources in old humans
   Victor APPAY, Paris, France

14h50-15h10 Topic: Thymic involution and T cell aging
   Yoko HAMAZAKI, Kyoto, Japan

15h10-15h30 Title: Lung cell senescence, inflammation, and systemic disorders in chronic lung diseases
   Serge ADNOT, Créteil, France

15h30-15h50 Title: Senescent cells mediate immunosurveillance escape through a ganglioside dependent pathway
   Julien CHERFILS-VICINI, Nice, France

15h50-16h10 Topic: The non-human primate model of immunosenescence
   Takuya YAMAMOTO, Osaka, Japan

16h10-16h40 COFFEE BREAK

Session 4 – Other aging research topics

Chairs: TBD

16h40-17h00 Title: Multicolor approach on High Parameter Flow cytometer.
   BD Biosciences, France

17h00-17h15 Title: Proteome oxidative modifications and impairment of specific metabolic pathways during cellular senescence and aging
   Bertrand FRIGUET, Paris, France

17h15-17h30 Title: Systemic regulation of brain aging and rejuvenation
   Lida KATSIMPARDI, Paris, France

17h30-17h45 Title: The p21-mTert mouse: a model of senescence suppression and much more
   Vincent GELI, Marseille, France

17h45-18h00 Title: Hip fracture, a model of acute stress in elderly patients.
   Delphine SAUCE, Paris, France

18h00-18h15 Title: Interplay of innate neuroinflammation and peripheral immunity in Alzheimer’s disease and Tauopathies
   Guillaume DOROTHEE, Paris, France

18h15-18h30 Title: Progeria and premature aging
   Nicolas LEVY, Marseille, France

End of the day

19h00 Speakers’ dinner
Day 2: September 6th 2019:
Campus des Cordeliers - Amphi Bilsky-Pasquier

Session 5 - Metabolism and Autophagy related Mechanisms of Aging

Chairs: TBD

9h00-9h20 Topic: Glycolysis in senescence and metabolites in aging
Hiroshi KONDOH, Kyoto, Japan

9h20-9h40 Title: Metabolic control of growth and senescence by the mTOR pathway
Mario PENDE, Paris, France

9h40-10h00 Topic: Regulation of aging-related diseases by sirtuin 7 (SIRT7)
Kazuya YAMAGATA, Kumamoto, Japan

10h00-10h20 Title: Autophagy mediates the effects of youthful Systemic Factors on cognition
Franck OURY, Paris, France

10h20-10h40 Topic: Membrane Dynamics of Autophagy and Its Implication in Diseases
Tamotsu YOSHIMORI, Osaka, Japan

Closing remarks
Hitoshi TAKIZAWA

11h00-11h30 TRANSIT to Campus of Hopital Pitié Salpêtrière in CIMI offices (by metro) and COFFEE BREAK

Session 6 – One to one meetings (in 10 parallel sessions)

11h30-14h00
LUNCH BOX provided during one to one meetings

Visit of the Institut Pasteur Museum (for Japanese visitors)

14h00-14h30 TRANSIT to Campus of Institut Pasteur (by metro)

14h30 Visit

16h00 ADJOURNEMENT

Scientific and Organizing Committee
Victor Appay (victor.appay@inserm.fr) and Hitoshi Takizawa (htakizawa@kumamoto-u.ac.jp)