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Jeudi, 03 juin 2021

13:50 - 15:20

Stream 4: Video Invited, SST,  
SSCViscérale & ARS

ARS

Communication libre

### Transplantation and regeneration

Présidence: Alban Longchamp (Lausanne), Deborah Stroka (Bern)

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- 1 **Hydrogen sulfide (H<sub>2</sub>S) reduces oxygen and ATP consumption in the isolated perfused pig kidney**  
T. Agius<sup>1</sup>, J. Songeon<sup>2</sup>, A. Klauser<sup>2</sup>, A. Nastasi<sup>2</sup>, R. Ruttiman<sup>2</sup>, R. P. H. Meier<sup>2, 3</sup>, L. Buhler<sup>4</sup>, F. Allagnat<sup>1</sup>, J.-M. Corpataux<sup>1</sup>, F. Lazeyras<sup>2</sup>, A. Longchamp<sup>1</sup>, Presenter: T. Agius<sup>1</sup> (<sup>1</sup>Lausanne, <sup>2</sup>Geneva, <sup>3</sup>Baltimore, <sup>4</sup>Fribourg)
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- 2 **Platelet-induced cell signaling during liver regeneration**  
A. Balaphas<sup>1</sup>, J. Meyer<sup>1</sup>, R. Perozzo<sup>1</sup>, M. Zeisser Labouebe<sup>1</sup>, S. Berndt<sup>2</sup>, A. Turzi<sup>2</sup>, P. Fontana<sup>1</sup>, L. Scapozza<sup>1</sup>, C. Gonelle-Gispert<sup>3</sup>, L. Bühler<sup>3</sup>, Presenter: A. Balaphas<sup>1</sup> (<sup>1</sup>Geneva, <sup>2</sup>Le Mont-sur-Lausanne, <sup>3</sup>Fribourg)
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- 3 **Ex vivo analysis of graft viability using 31P magnetic resonance imaging spectroscopy**  
A. Longchamp<sup>1</sup>, A. Klauser<sup>2</sup>, T. Agius<sup>1</sup>, J. Songeon<sup>2</sup>, A. Nastasi<sup>2</sup>, R. Ruttiman<sup>2</sup>, R. P. H. Meier<sup>2, 3</sup>, L. Buhler<sup>4</sup>, F. Allagnat<sup>1</sup>, J.-M. Corpataux<sup>1</sup>, F. Lazeyras<sup>2</sup>, Presenter: T. Agius<sup>1</sup> (<sup>1</sup>Lausanne, <sup>2</sup>Geneva, <sup>3</sup>Baltimore, <sup>4</sup>Fribourg)
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- 4 **Optimal liver metabolism- and proliferation require the tight junction protein claudin-3**  
F. A. Baier<sup>1</sup>, D. Sanchez-Taltavull<sup>1</sup>, C. Gómez Castellà<sup>2</sup>, F. Jebbawi<sup>2</sup>, A. Keogh<sup>1</sup>, M. Dias<sup>1</sup>, U. Deutsch<sup>1</sup>, B. Engelhardt<sup>1</sup>, M. Furuse<sup>3</sup>, A. Odriozola<sup>1</sup>, B. Zuber<sup>1</sup>, A. Odermatt<sup>2</sup>, D. Candinas<sup>1</sup>, D. Stroka<sup>1</sup>, Presenter: F. A. Baier<sup>1</sup> (<sup>1</sup>Bern, <sup>2</sup>Basel, <sup>3</sup>Okazaki)
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- 5 **Video: Mapping origins of replication in a regenerating liver**  
N. Dommann<sup>1</sup>, G. Rossetti<sup>2</sup>, A. Karamichali<sup>2</sup>, V. Dionellis<sup>2</sup>, A. Keogh<sup>1</sup>, D. Candinas<sup>1</sup>, T. Halazonetis<sup>2</sup>, D. Stroka<sup>1</sup>, Presenter: N. Dommann<sup>1</sup> (<sup>1</sup>Bern, <sup>2</sup>Geneva)
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- 6 **Pre-vascularized organoid from decellularized human placenta support pancreatic tissue in type 1 diabetes treatment.**  
K. Bellofatto, C.-H. Wassmer, F. Lebreton, L. Perez, R. Hanna, M. Hasany, R. Khatri, L. Mar Fonseca, A. Peloso, D. Bosco, C. Toso, T. Berney, E. Berishvili, Presenter: K. Bellofatto (Geneva)
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- 7 **Systemic effect of peritoneal cavity macrophages**  
L. Salm, D. Candinas, D. Stroka, G. Beldi, Presenter: L. Salm (Bern)
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- 8 **Primordial GATA6 macrophages function as extravascular platelets in sterile injury**  
J. Zindel<sup>1</sup>, M. Peiseler<sup>2</sup>, C. Deppermann<sup>2</sup>, W.-Y. Lee<sup>2</sup>, J. Deniset<sup>2</sup>, B. Surewaard<sup>2</sup>, P. Kubes<sup>2</sup>, D. Candinas<sup>1</sup>, Presenter: J. Zindel<sup>1</sup> (<sup>1</sup>Bern, <sup>2</sup>Calgary)
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Les paroles des communications libres sont de 8 minutes, suivi de 2 minutes de discussion.