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# Schedule IbOMaN - Monday 06/22

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Monday 06/22	Speaker	Affiliation	Title
08:45 am - 09:30 am	Francis Levi	Univ. of Warwick	Opening
<b>Tumor Aging</b>			
09:45 am - 10:30 am	Cristina Vaghi	Inria, Bordeaux	A reduced Gompertz model for predicting tumor age using a population approach.
10:45 am - 11:30 am	Gavin Fullstone	Univ. of Stuttgart	Time to die (or not): The role of a molecular timer in regulation of apoptosis signalling.
11:30 am - 01:15 pm	Lunch Break		
01:15 pm - 02:15 pm	Nathan Uyttendaele	Youtube popularizer	How much do you really know about the p-value?
<b>Survival Prediction</b>			
02:30 pm - 03:15 pm	Alexandra Lefebvre	CNRS, Sorbonne Univ.	Combining probabilistic graphical models and multi-state survival analysis to compute risks of genetic predisposition. Application to the Lynch syndrome.
03:30 pm - 04:15 pm	Paul Dequidt	Univ. of Poitiers, Siemens Healthcare	Implementing a machine learning scheme for glioma grade classification on magnetic resonance data.
04:30 pm - 05:30 pm	Luc Pellerin	Univ. & CHU of Poitiers	Masterclass on lactate shuttling: from biological concept to modeling

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## Schedule IbOMaN - Tuesday 06/23

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Tuesday 06/23	Speaker	Affiliation	Title
<b>Molecular DNA</b>			
08:45 am - 09:30 am	Ulysse Herbach	Univ. of Lorraine	Modeling dynamics of circulating tumor DNA for detecting resistance to targeted therapies.
09:45 am - 10:30 am	Gaëlle Tachon	Univ. of Poitiers	Mathematic in every aspect of Molecular Diagnostics in Clinical Oncology.
<b>Circulating Cells</b>			
11:00 am - 11:45 am	Christele Etchegaray	Iniria, Bordeaux	Modelling the Circulating Tumor Cells adhesion dynamics to the vascular wall.
12:00 am - 12:45 am	François Der Hovsepian	Univ. of Strasbourg	Towards a mathematical and computational framework for red blood cells and circulating tumor cells in blood flow
<b>12:45 am - 02:00 pm</b>	<b>Lunch Break</b>		
<b>Spatial heterogeneity</b>			
02:00 pm - 02:45 pm	Chiara Villa	Univ. of St Andrews	Modelling the emergence of pre-treatment phenotypic heterogeneity in vascularised tumours.
03:00 pm - 03:45 pm	Kevin Atsou	Univ. Côte d'Azur, Iniria	A size and space structured model for tumors and immune cell interactions.
<b>04:00 pm - 04:45 pm</b>	<b>Jacques Demongeot</b>	<b>Univ. Joseph Fourier</b>	<b>Closure</b>