



## HFSP 1990 - 2019 Celebrating 30 years of frontier science

Thursday, 14 November 2019

Nouveau Patio, University of Strasbourg, Amphitheatre Beretz (second floor)

13.00 - 13.20	<b>Welcome</b> <i>Michel Deneken, President, University of Strasbourg</i> <i>President of the Région Grand Est or his representative</i> <i>Shigekazu Nagata, President of HFSP</i>
13.20 - 13.40	<b>Giving frontier science a home</b> <i>Daniel Riveline, IGBMC, University of Strasbourg</i>
13.40 - 14.25	<i>Chair: Patrick Schultz, IGBMC, University of Strasbourg</i> <b>Amphipols: a new approach to handling membrane proteins in aqueous solutions and its impact in structural biology and biomedicine (1994-2019)</b> <i>Jean-Luc Popot, Institut de Biologie Physico-Chimique, CNRS IBPC, University Diderot, Paris</i>
14.25 - 15.10	<i>Chair: Takeya Adachi, Japan Agency for Medical Research and Development (AMED)</i> <b>Migratory cells within and outside the nervous system</b> <i>Angela Giangrande, IGBMC, University of Strasbourg</i>
15.10 - 15.30	Coffee Break
15.30 - 16.15	<i>Chair: Matteo Mauro, IPCMS, University of Strasbourg</i> <b>Protein folding unfolding</b> <i>Ineke Braakman, University of Utrecht, The Netherlands</i>
16.15 - 17.00	<i>Chair: Lyubov Ryabova, IBMP, University of Strasbourg</i> <b>mTOR signaling in growth and metabolism</b> <i>Michael Hall, 2019 HFSP Nakasone Award winner</i> <i>Biozentrum, University of Basel, Switzerland</i>
17.00 - 17.10	<b>Summary and outlook</b> <i>Warwick Anderson, Secretary-General of HFSP</i>





## Reception hosted by the President of the Eurométropole de Strasbourg and the Consul General of Japan in Strasbourg

*Centre Administratif, 1 Parc de l'Etoile (first floor)*

18.30 - 19.00 **Welcome** (*Hémicycle, Salle des Conseils*)

**Catherine Trautmann**, *Conseillère municipale et communautaire,  
Ville et Eurométropole de Strasbourg*

**Nicolas Matt**, *Vice-Président, Eurométropole de Strasbourg*

**Toru Yoshikawa**, *Consul General of Japan a.i.*

**Anne Paoletti**, *Directrice Scientifique du Secteur Biologie Santé,  
Direction Générale de la Recherche et de l'Innovation*

**Warwick Anderson**, *Secretary-General of HFSPo*

**Toichi Sakata**, *member of the HFSPo Board of Trustees*

19.00 - 21.00 **Reception** (*Grand salon*)



## Speaker biographies

**Prof. Ineke Braakman**, Group Leader, Cellular Protein Chemistry, Utrecht University, The Netherlands

Ineke Braakman was one of the very first HFSP Long-Term Fellows. She was awarded a fellowship in 1990 to work with Ari Helenius at the Medical School of Yale University on “Quality control in the secretory pathway: folding, oligomerization and transport of membrane glycoproteins”. She is now a Professor at Utrecht University.

<https://www.uu.nl/en/research/cellular-protein-chemistry/research/braakman-group>

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**Prof. Angela Giangrande**, Team Leader, Function Genomics and Cancer, IGBMC, University of Strasbourg, France

Angela Giangrande was the principal investigator on a 1997 HFSP Research Grant to study “Glial migration in *Drosophila melanogaster*” together with Andrea Brand of the University of Cambridge. She is a senior investigator at the IGBMC in Illkirch-Graffenstaden.

<http://igbmc.fr/research/department/2/team/5/>

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**Prof. Michael Hall**, Head of Research - Group TOR signaling and the control of cell growth, Biozentrum, University of Basel, Switzerland

Michael Hall is the winner of the 2019 HFSP Nakasone Award for the discovery of the master regulator of cell growth, the target of rapamycin (TOR) kinase. His groundbreaking discovery established TOR as a central controller of cell growth and confirmed that TOR plays a key role in development and aging, and is implicated in various disorders including cancer, cardiovascular disease, allograft rejection, obesity, and diabetes. The HFSP Nakasone Award recognizes scientists who have undertaken frontier-moving research, including technological breakthroughs, which has advanced biological research.

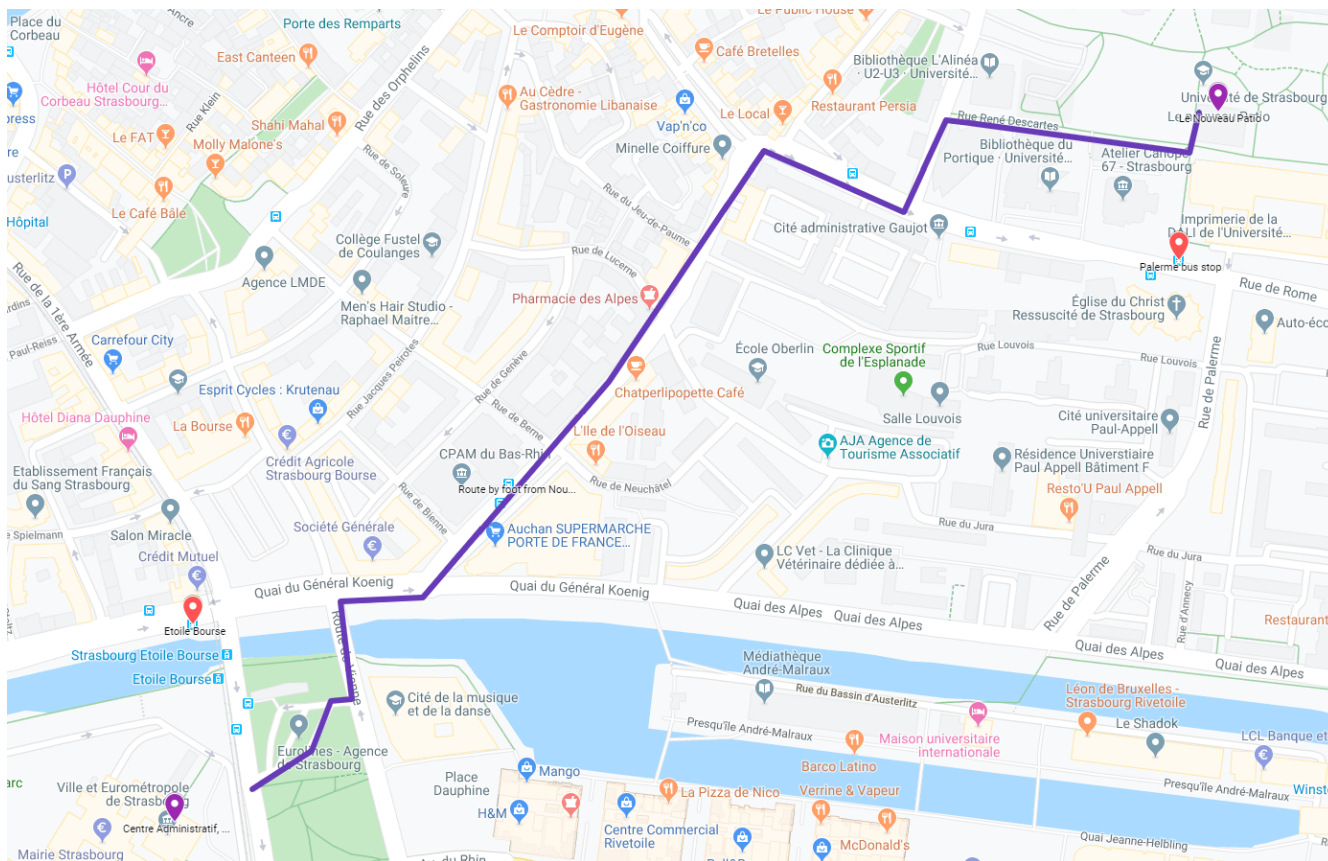
<https://www.biozentrum.unibas.ch/research/researchgroups/overview/unit/hall/research-group-michael-n-hall/>

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**Prof. Jean-Luc Popot**, Research Director CNRS (retired), Institut de Biologie Physico-Chimique/CNRS IBPC, University Diderot, Paris, France

Jean-Luc Popot was the principal investigator on a 2000 HFSP Research Grant together with Edward Berry of the Lawrence Berkeley National Laboratory and Catherine Venien-Bryan of the University of Oxford. The team worked together on a project to investigate the “Application of small amphipathic polymers (‘Amphipols’) to the crystallization of integral membrane proteins”. The project laid the foundation for the development of a new class of molecules called ‘amphipols’, which stabilize membrane proteins outside of their natural environment. Applications are very broad, ranging from structural biology to vaccination.

<https://www.springer.com/gp/book/9783319731469>



## Directions from the Nouveau Patio to the Centre Administratif, 1 Parc de l'Etoile, Strasbourg

- Turn left on exiting the Nouveau Patio
- Turn right to stay on Rue René Descartes
- Turn left onto Rue Pierre Montet
- Turn right onto Rue du Maréchal Juin
- Continue left onto Rue de l'Hôpital Militaire
- Continue onto Rue de Lausanne
- Turn right onto Quai du Général Koenig
- Turn left onto Route de Vienne to cross the canal
- The Centre Administratif is to your right
- The entrance is to the left of the flags



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