

**4^{ème} CONFERENCE Edmond de Rothschild
en l'honneur de Jean-Pierre HENRY**

**vendredi 20 juin 2008
9h00-18h00**

**Building : Cours de Civilisation Française de la Sorbonne
16 Bis rue de l'Estrapade – 75005 Paris
Auditorium - Basement**

- 8:30-9:00** *Welcome coffee*
- 9:00-9:15** F.A. Wollman & B. Gasnier: **Introductory remarks**
- 9:15-10:00** Jean-Pierre's scientific recollections: ***40 ans de Biologie Physico-Chimique***

Session 1: *Synthesis and secretion of neurotransmitters* (chairman: Bruno Gasnier)

- 10:05-10:50** Jacques Mallet (CNRS Pitié Salpêtrière Hospital): *title not provided*
- 10:50-11:00** *coffee break*
- 11:00-11:45** Salah El Mestikawy (Inserm/Paris Curie University and McGill University): *Vesicular synergy between neurotransmitters: from chromaffin granules to glutamatergic synaptic vesicles*
- 11:45-12:30** Ronald W. Holz (University of Michigan, Ann Arbor): *Secretory Granule and Plasma Membrane Dynamics & Exocytosis: Studies of the Plasma Membrane-Cytosol Interface using Total Internal Reflection Microscopy*

Buffet Lunch at the Institut de Biologie Physico-Chimique, cafeteria, 3rd floor

Session 2: *Physicists' view of cellular processes* (chairman: François Darchen)

- 14:30-15:15** Erdem Karatekin (CNRS IBPC): *Jean-Pierre's last adventures at IBPC: secretory vesicle dynamics using TIRF microscopy*
- 15:15-16:00** Loic Auvray (CNRS Evry University): *Protein transport through nanopores*
- 16:00-16:15** *coffee break*
- 16:15-17:00** Claire Wilhelm (CNRS Paris Diderot University): *Active and passive intracellular dynamics of magnetic phagosomes and endosomes*
- 17:00-17:45** Atef Asnacios (MSC - Paris Diderot University): *Rigidity sensing: when a single cell acts as a muscle*
- 17:45-18:00** Daniel Scherman: **Concluding Remarks**