

## Daniel Choquet, Ph.D.

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### Education

1997 Habilitation à diriger des recherches, Bordeaux University.  
1994-1996 Sabbatical stay, Duke University (N.C., USA). EMBO Fellow.  
1990 Post-doctoral stay, Irvine University (CA, USA) Supervisor Pr. M. Cahalan.  
1988 PhD : Paris VI University. Option Pharmacology. Institut Pasteur.  
1984 Diploma from the Ecole Centrale des Arts et Manufactures de Paris.

### Employment and Research Experience

2011- Director of the Institute for Interdisciplinary Neuroscience, UMR 5297 CNRS-Université de Bordeaux  
2011- Director of the Bordeaux Imaging Center, UMS 3420 CNRS-University of Bordeaux-INSERM  
2011- Director of the Excellence Cluster BRAIN (Bordeaux Région Aquitaine Initiative for Neuroscience)  
2007-2010 Adjunct director of the laboratory Cellular Physiology of Synapses, UMR 5091.  
1999-2010 Group leader CNRS, "Cellular Physiology of Synapses", Bordeaux University.  
1998- Research director at the CNRS.  
1996-1999 Junior group leader at the CNRS/ Bordeaux University. Recipient of an ATIP Grant.  
1988-1998 Research officer at the CNRS.

### Honors and Awards

2016 **Chevalier de la légion d'honneur**  
2015 Member of the Academia Europa  
2014 **Member of EMBO**  
2013 **Advanced ERC grant from the European commission**  
2012 **Chevalier de l'ordre des Palmes académiques**  
2011 Victoires de la médecine 2011  
2010 **Member of the French Academy of Science**  
2010 Prix de l'Académie Nationale des Sciences, Belles-Lettres et Arts de Bordeaux  
2009 **Silver Medal from the CNRS**  
2009 **Advanced ERC grant from the European commission**  
2007 Bauer Lectureship award, Brandeis University  
2004 **Grand prix from the French Academy of Sciences, prix du CEA.**  
2002 Pierre-Bois Lectureship award, McGill University  
1997 Research prize from the « Fondation pour la Recherche Médicale »  
1994 Prize from the « société de secours des amis de la science »  
1994 **Petit-Dormoy prize from the French Academy of Sciences**  
1990 **Bronze medal from the CNRS**

### Current other Administrative functions

2008- Member of the scientific advisory board of the ICeMS, Kyoto.  
2008-> Member of the Bordeaux Neurocampus steering committee.  
2010-> Member of the ESFRI EuroBioImaging Interim Board - representing CNRS.  
2015-> Adjunct director of the life science department, Université de Bordeaux

### 6 Selected Publications (Out of 132 publications, >8500 citations; h-Index 56 – ISI, 2016)

- 1) Hafner, et al. (2015). Lengthening of the Stargazin Cytoplasmic Tail Increases Synaptic Transmission by Promoting Interaction to Deeper Domains of PSD-95. *Neuron* 86, 475-489.
- 2) Constals, et al. (2015). Glutamate-induced AMPA receptor desensitization increases their mobility and modulates short-term plasticity through unbinding from Stargazin. *Neuron* 85, 787-803.
- 3) Sainlos, et al. (2011). Biomimetic divalent ligands for the acute disruption of synaptic AMPAR stabilization. *Nat Chem Biol* 7, 81-91. \*Co-last authors.
- 4) Heine, M., et al. (2008). Surface mobility of postsynaptic AMPARs tunes synaptic transmission. *Science* 320, 201-205.
- 5) Borgdorff, A.J., and Choquet, D. (2002). Regulation of AMPA receptor lateral movements. *Nature* 417, 649-653.
- 6) Choquet, D., Felsenfeld, D.P., Sheetz, M.P., and M-397 (1997). Extracellular matrix rigidity causes strengthening of integrin-cytoskeleton linkages. *Cell* 88, 39-48.