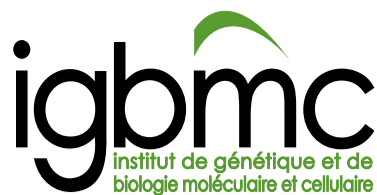




COLLÈGE  
DE FRANCE  
1530



USIAS  
Université de Strasbourg  
Institut d'Études Avancées



igbmc  
Institut de génétique et de  
biologie moléculaire et cellulaire

CGGCGGCGG CAGCAGCAG GAAGAAGAA

HD SCA7 FMR1 DGKK FRDA MTM1 BIN1 DNM2 GJB2 KCNQ4 MYO71A PCDH15 PJVK

CD3E DCLRE1C/Artemis IL2RG NHEJ1 DCX TUBA1A TUBB3 DYRK1A AUTS2 16p11.2

BBS10 BBS12 BBS18 XIST TSIX JARID2 PWS LIS1 17p13.3

# COLLOQUE

*Genes and diseases: some current  
issues and perspectives*

**Collège de France - USIAS - IGBMC**

**8:45-10:20 Welcome**

**Yvon Trottier, Hervé Moine, Chantal  
Sellier, Helene Puccio, Jocelyn Laporte**  
*Unstable repeat expansion diseases and neuromuscular  
diseases viewed from IGBMC*

**10:40-12:20 Alain Fischer**, Collège de France,  
Institut Imagine

*Immune response genes and human diseases*  
**Christine Petit**, Collège de France, Institut Pasteur  
*Understanding hearing mechanisms: clues from deafness genes*

**14:00-15:20**

**Jamel Chelly, Amélie Piton, Yann Herault**  
*Neurodevelopmental diseases viewed from IGBMC*  
**Helene Dollfus**, INSERM and CHU Strasbourg  
*Bardet-Biedl and Alport syndromes: pleiotropic ciliopathies*

**15:20-16:10 Edith Heard**, Collège de France, Institut  
Curie

*The Genetics and Epigenetics of X-Chromosome Inactivation*

**16:30-18:10 David Ledbetter**, Geisinger Health  
system, Danville USA

*Precision medicine: DNA sequencing of 500 000 patients with  
longitudinal Electronic Health Record data in a single U.S.  
Healthcare system*

*Structured discussion: Prospects for Precision/Personalized  
Medicine, chaired by Pierre Corvol, College de France.*

**18:10-18:50 Round table**

*Clinical genetics in the (near future) era of whole genome  
sequencing Chaired by Jean-Louis Mandel*

*The conference is open to anyone interested without registration fee, but for safety reasons (Vigipirate) prior registration is preferred in order to improve the access of the participants to the conference venue which will be controlled, by email to rebetez@igbmc.fr with subject: Colloque - May 13.*

*Organised by Jean-Louis Mandel : Collège de France, USIAS, IGBMC and CHU Strasbourg*

**May 13<sup>th</sup> 2016**

**IGBMC Auditorium - Illkirch, Strasbourg-France**

<http://www-igbmc.u-strasbg.fr/igbmc/plan/>

IGBMC - UM 41/UMR 7104/UMR\_S 964

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