8:30-9:20 Welcome of the participants

9:20-9:30 Message by Michel Chignard, President of Gremi

Chairpersons : Françoise Pons - Mustapha Si-Tahar

9:30-10:00 USING THE DROSOPHILA MODEL TO DISSECT GUT MUCOSA-
BACTERIA INTERACTION
Julien ROYET (IBDML, France)

10:00-10:15 Cholinergic agonists modulate cytokine induced myosin light chain
phosphorylation and barrier dysfunction in intestinal epithelium
Shobbit DHAWAN, Francisca W. Hilbers, Wouter J de Jonge
(Academic Medical Center, Amsterdam, NL)

10:15-10:30 Impact of the epithelial Vanin-1 molecule in gut inflammation in mouse and
man
Philippe NAQUET, Thomas Gensollen, Christophe Bourges, Pascal Rihet,
Pierre Desreumaux, Paul Hofmann and Franck Galland (CIML, Marseille, France)

10:30-10:45 Metallothioneins as extracellular danger signals: a novel target to treat
intestinal inflammation?
Lindsey DEVISSCHER, Pieter Hindryckx, Kim Olievier, Harald Peeters, M.
Lynes, C. Cuvelier, Martine De Vos and Debby Laukens (K12IE, Ghent, Belgium)

10:45-11:15 Coffee break – Posters Exhibition
11:15-11:45 
**EPITHELIAL REGULATION OF IMMUNE HOMEOSTASIS AND INFLAMMATION IN BARRIER SURFACE**

*Manolis PASPARAKIS* (University of Cologne, Germany)

11:45-12:00 
**An elastolytic protease, which could participate to IBD damage, is expressed and secreted by human colonic epithelium**

*Céline DERAISON*, Jean-Paul Motta, Anissa Edir, Corinne Rolland, Chrystelle Bonnart, Nathalie Vergnolle (Inserm, U1043, Toulouse, France)

12:00-12:15 
**Differential compartmentalization of IL-10 in mouse and human intestinal mucosa, suggesting possible species-specific regulatory networks to maintain gut homeostasis**

*Anne JARRY*, Céline Bossard, Chantal Bou-Hanna, Stéphane Bézieau, Christian L. Laboisse (EA4273 Biometadys, Nantes, France)

12:15-12:45 
**MUCUS, MUCINS, EPITHELIUM AND INFLAMMATION**

*Gunnar HANSSON* (University of Gothenburg, Sweden)

**12:45-3:00** 
*Lunch - Posters – Exhibition*

**Chairpersons : Nathalie Castex-Rizzi - Emmanuel Letavernnier**

3:00-3:30 
**THE OUTSIDE-INSIDE VIEW OF SKIN INFLAMMATION**

*Audrey GUENICHE* (L'oreal Research and Innovation, France)

3:30-3:45 
**Synaptic contact mediated by HIV-1 envelope glycoproteins and intergrins triggers TSLP secretion by human primary foreskin keratinocytes via the NF-kB pathway**

*Zhicheng ZHOU*, Anne-Sophie Drillet-Dangeard, Yonatan Ganor, Morgane Bomsel (Inserm, U1016, Paris, France)

3:45-4:00 
**Unsuspected protective role of gammaC chain expressed by non-immune cells in the model of anti-GBM glomerulonephritis**

*Dominique CATHELIN*, Yosu Luqué, Sophie Vandermeersch, Julie Sohier, Alexandre Hertig, Jean-Christophe Bories, James di Santo, Eric Rondeau and Laurent Mesnard (Inserm UMR S 702, Paris, France)

4:00-4:15 
**HSV-2 regulates inflammatory response in the vaginal epithelium via the Fas/FasL pathway**

*Malgorzata KRZYZOWSKA*, Piotr Orlowski, Wanda Stankiewicz, Francesca Chiodi (Military Institute of Hygiene and Epidemiology, Warsaw, Poland)

4:15-4:45 
**Coffee break – Posters Exhibition**
4:45-5:15  **THE AIRWAY EPITHELIUM IN ASTHMA**
Hamida HAMMAD (Ghent University, Belgium)

5:15-5:30  **Phenotypic alterations of bronchial epithelium in chronic obstructive pulmonary disease**
N. FERHANI, J. Brard, M. Grandsaigne, C. Taille, A. Fabre, S. Benadda, C. Danel, Y. Castier, M. Aubier, M. Pretolani (Inserm UMR700, Paris, France)

5:30-5:45  **Neutrophil elastase (NE) and cigarette smoke extract (CSE) combined with low concentration of lipopolysaccharide (LPS) induced cytokine release from epithelial cells through JAK/STAT and ERK1/2 signaling pathways**
Tatiana VICTONI, Florence Gleonnec, Lucie Beautrais, Manuella Lanzetti, Samuel S. Valença, Luis Cristovão Porto, Elisabeth Boichot, Vincent Lagente (Inserm UMR991, Rennes, France)

5:45-6:00  **IL-33/ST2 axis regulates airway inflammation to nanoparticles**
Ludivine BARON, Noëlline Guillou, Aurélie Gombault, Bérengère Villeret, François Erard, Bernhard Ryffel, Isabelle Couillin (INEM-UMR7355, Orléans, France)

6:00-6:15  **Mechanisms of P. aeruginosa-induced secretory group II A phospholipase A2 expression in cystic fibrosis pulmonary epithelial cells**
Erwan PERNET, Clément Bellanger, Michel Chignard, Lhoussaine Touqui, Yongzheng Wu (Institut Pasteur, Paris, France)

6:15-6:20  **Closing Remarks**