



IFSO-EC Pre-Congress Course 1

Experimental and Clinical Research on Bariatric Surgery organised by French Society of Bariatric Surgery

Date: Wednesday June 1, 2016

Time: 12:30 – 15:30

1. Animal models (Pr Jean-Marc CHEVALLIER, Dr Andre BADO)

This Research team has elaborated obese rats models of the different bariatric procedures. On completing the course delegates will have accurate information on biochemical and histological changes in obese rats after bariatric surgeries:

a. Animals models of Vertical Sleeve gastrectomy (VSG), Roux-en-Y Gastric bypass (RYGB) and Omega-loop gastric bypass (OGBP)

Dr. Lara RIBEIRO-PARIENTI 13 min

b. Remodeling of gastric mucosa after RYGB, VSG and OGBP

Pr Jean-Pierre MARMUSE 13 min

c. Intestinal sugar handling after RYGB versus VSG

Dr Maude LE GALL Inserm U1149 13 min

Perspectives by Pr JM Chevallier 6 min

2. Microbiota (Karine CLEMENT, Judith ARON, *Institute of Cardiometabolism and Nutrition (ICAN), INSERM UMRS U1166, Nutriomics, Pitié-Salpêtrière Hospital, Paris, France*)

Adaptation of the intestinal microbiota after bariatric surgery: role of energy restriction?
On completing the course, delegates will have better knowledge

1. Gut microbiota and intestine barrier (immunity, permeability)
2. the consequences of bacteriological changes after bariatric surgery
3. Future perspective in the field

PRESENTATIONS

a. Importance of the jejunal Immune Barrier (lesson from bariatric surgery models)

Karine Clément 15 min

b. Adaptation of gut microbiota after Bariatric surgery models

Judith ARON-WISNEWSKY 15 min

c. Perspectives

Karine CLÉMENT 15 min

3. Multicentric national Prospective randomized trials
On completing the course delegates will have the first results of three determinant national prospective randomized trials:

- a. **DIABSURG** François PATTOU 15 min

"Comparison between the gastric bypass and an optimised medical treatment for obese diabetic patients on mortality, glycemic balance and the relation cost-efficiency: prospective, multicentric randomized study"
CHRU Lille , France

- b. **YOMEGA** Maud ROBERT 15 min

PROSPECTIVE MULTICENTRIC RANDOMIZED TRIAL OF EFFICIENCY AND SAFETY OF LAPAROSCOPIC OMEGA LOOP BYPASS VERSUS ROUX-EN-Y GASTRIC BYPASS
Hospices civils de Lyon. Delegation à la Recherche Clinique et à l'Innovation

- c. **ELDSURG** Patrick RITZ 15 min

Obesity on patients above 65 years old : comparison of surgical gastric banding and accurate medical treatment on functional capacity and loss of autonomy
Unit 2 de Nutrition, CHU de Toulouse, France



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