

# Frontiers in Gastrointestinal Translational Research

On Monday and Tuesday 30th  
and 31st of May 2011,  
the Department of Gastroenterology  
and the Translational Research  
Center for Gastrointestinal  
Disorders (TARGID), are organizing  
a scientific symposium at  
the occasion of the inauguration  
of the new TARGID laboratory.

A stellar group of leading  
international speakers has been  
invited to participate in this prestigious  
international symposium on  
“Frontiers in Translational  
Gastrointestinal Research”.  
The program will undoubtedly be of  
interest to clinicians and clinical  
researchers in Belgium and  
surrounding countries.



## Invited Faculty:

Aziz Q. (London)  
Bischoff S. (Stuttgart)  
Blaut M. (Potsdam)  
Camilleri M. (Rochester, MN)  
Collins S. (Hamilton)  
Dent J. (Adelaide)  
Doré J. (Paris)  
Holmes E. (London)  
Mebius R. (Amsterdam)  
Parkes M. (Cambridge)  
Pizarro T. (Charlottesville)  
Raybould H. (Davis, CA)  
Rescigno M. (Milan)  
Schemann M. (Munich)  
Schreiber S. (Kiel)  
Tschöp M. (Cincinnati, OH)  
Tytgat G. (Amsterdam)  
Ulloa L. (Newark, NJ)  
Vergnolle N. (Toulouse)  
Volterra A. (Lausanne)

## Details and registration:

[www.targid.eu](http://www.targid.eu)

## Congress secretariat: Targid

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**LEUVEN**



## SYMPOSIUM

Frontiers in Gastrointestinal  
Translational Research

Leuven,  
May 30th – 31st, 2011

University Hospital Gasthuisberg -  
Onderwijs & Navorsing 1  
Auditorium GA1



## Monday 30/05/2011

8.30-8.50 : Registration;  
Welcome with coffee

### The challenge of translational GI Research (8.50-9.30)

Chairs: P. Rutgeerts, B. Coulie

- Welcome on behalf of TARGID: **Coremans, G** (Head, Department of Gastroenterology, Leuven, Belgium)
- Role of academic institutions in translational research: **Waer, M** (Rector, University of Leuven, Belgium)
- Unmet needs in Gastroenterology: the challenge for translational research: **Tytgat, G** (Amsterdam, The Netherlands)

### Functional GI disorders (9.30-11.00)

Chairs: J. Tack, G. Vantrappen

- Current challenges in understanding and treating esophageal disease: **Dent, J** (Adelaide, Australia)
- Abnormal motor function in functional GI disorders: current knowledge and the way forward: **Camilleri, M** (Rochester, MN, USA)
- Mucosal integrity: a key player in GI symptom generation?: **Vergnolle, N** (Toulouse, France)

### Coffee Break (11.00-11.30)

### Neural control of the gut (11.30-13.00)

Chairs: P. Vanden Berghe, D. Sifrim

- The brain in functional GI disorders: what we know and what to do: **Aziz, Q** (London, UK)
- Imaging of neuronal excitability in the enteric nervous system: **Schemann, M** (Munich, Germany)
- Astrocytes as active synaptic partners in sickness and in health: **Volterra, A** (Lausanne, Switzerland)

### Lunch Break (13.00-14.00)

### Luminal sensing (14.00-16.00)

Chairs: I. Depoortere, K. Verbeke

- Nutrient sensing in the gastrointestinal tract: implications for the control of food intake: **Raybould, H** (Davis, CA, USA)
- The ghrelin-GOAT system in the endocrine control of energy balance: **Tschöp, M** (Cincinnati, OH, USA)
- Dietary modulation of host-microbial interactions: **Blaut, M** (Potsdam, Germany)
- Metabonomic characterization of host-microbial interactions: **Holmes, E** (London, UK)

### Coffee Break (16.00-16.30)

### Neuroimmune interaction (16.30-18.00)

Chairs: G. Boeckstaens, T. Peeters

- Interactions between the immune system and the brain: from bench to bedside: **Ulloa, L** (Newark, NJ, USA)
- Lymph nodes and nerves: implications for disease: **Mebius, R** (Amsterdam, The Netherlands)
- Mast cells as key players in functional GI disease: **Bischoff, S** (Stuttgart, Germany)

### Opening of the laboratory (18.00-19.00) Research building 6th and 7th floor

- Role of academic institutions in the development and validation of new therapies: **Casteels, M** (Vice-rector Biomedical Sciences, University of Leuven)
- Reception on the 6th floor
- Guided tours to the laboratories on the 7th floor

## Tuesday 31/05/2011

8.00-8.30 : Registration;  
Welcome with coffee

### Inflammation and tolerance (8.30-10.30)

Chairs: G. Van Assche, Y. Ghoois

- Susceptibility to inflammation and the autonomic innervation: implications for functional and inflammatory bowel disease: **Collins, S** (Hamilton, Canada)
- Mucosal tolerance: the ultimate balance between bugs, immune cells and nerves: **Rescigno, M** (Milan, Italy)
- The role of the gut microbiota in defining health and disease: **Doré, J** (Paris, France)
- Progress in genetics of Crohn's and ulcerative colitis: common and distinct pathways: **Parkes, M** (Cambridge, UK)

### Coffee Break (10.30-11.00)

### Translational concepts in IBD (11.00-12.00)

Chairs: S. Vermeire, G. D'Haens

- Of mice and men: translational results from animal studies to human IBD: **Pizarro, T** (Charlottesville, US)
- Innate and adaptive immunity in IBD and therapeutic implications: **Schreiber, S** (Kiel, Germany)

### Closing lecture (12.00-12.20)

- Funding translational research now and in the future: **Marynen, P** (Vice-rector Research, University of Leuven)