

# Julien Tap

MICROBIOME SCIENTIST

France

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*After several internships in microbiology at Institut Pasteur (Patrick Grimont, Philippe Glaser, Sylvain Brisse), I went to Joel Doré's Lab to do a PhD headed by Marion Leclerc. My main project was to study dietary fiber effects on human gut microbiota using notably metagenomic and metatranscriptomic approach. Since my PhD, my research interest focused on interactions between nutrition, gut microbiota and human health. As post-doc successively done at EMBL in Peer Bork's group and at INRA Metagenopolis unit (Joel Doré, Dusko Ehrlich), I used several approaches like numerical ecology and machine learning technics to untangle big omics data with clinical and dietary data. This allowed me to work with different AP-HP and DKFZ clinicians. I am currently microbiome scientist at Danone Nutricia Research center settled in Paris-Saclay campus where I am working on human gut microbiome topics linked with nutrition and digestive health.*

## Research experience

### CAREER/ACADEMIC APPOINTMENT

#### Danone Nutricia Research

Paris-Saclay, France

MICROBIOME SCIENTIST

2015 - Present

- Ensure high quality science, deliverables and publications
- Manage external collaborations

#### INRA Metagenopolis

Jouy-en-Josas, France

POSTDOCTORAL RESEARCHER

2013 - 2014

#### AP-HP CHU Henri Mondor

Créteil, France

POSTDOCTORAL RESEARCHER

2012 - 2013

#### EMBL Peer Bork group Computational Biology

Heidelberg, Germany

POSTDOCTORAL RESEARCHER

2010 - 2012

#### INRA Joël Doré group

Jouy-en-Josas, France

PHD STUDENT

2007 - 2009

- Thesis project : Diet impact on structural and functional dynamics of the human intestinal microbiota

#### Institut Pasteur

Paris, France

INTERSHIP STUDENT

2004-2006

- Master's degree project: genetic structure of *M. prototuberculosis* and origin of *M. tuberculosis* (S. Brisse)
- Master's degree project : Development of a biodiversity DNA chips for molecular typing of *Listeria* (P.Glaser)
- Bachelor's degree project : molecular characterization of *E. coli* O111 and the diversity of isolated strains in France (F.Grimont)

### CONSULTING AND SCIENCE OUTREACH

2018-2019 **Industrial Metagenomics Course:** Orsay, France

Master student teaching about Metagenomics application in dairy food industry

2018 **IHMC Next-Gen Scientist Symposium:** Barcelona, Spain

co-organizer and communication outreach

2016 **IHMC Next-Gen Scientist Symposium:** Houston, Texas, USA

co-organizer and communication outreach

2015 **Paris Metagenomics Analysis Group:** Paris, France

co-organizer and chairman

2010-2014 **Gut Microbiota for Health - Web editor:** Paris, France

Web Editor, Science curation and Blog post writing

## UNIVERSITY TUTORING

- 2021 **Iñigo Oyarzun Lafuente:** Universitat Pompeu Fabra Barcelona - Master Bioinformatics for Health Sciences  
Changes in gut microbiota metatranscriptome induced by a Bifidobacterium lactis CNCM I-2494 fermented milk are associated with improved gastrointestinal comfort
- 2019 **Agnes Barnabé:** University of Paris-Saclay - M2 Biologie Computationnelle  
Détection et quantification de souches issues de produits laitiers fermentés dans le microbiote intestinal à partir de données métagénomiques
- 2018 **Houssem Gharbi:** University of Paris-Saclay - M2 Biologie Computationnelle  
Détection de souches bactériennes dans le microbiote intestinal humain à partir de données de séquences métagénomiques

## Education

### University of Pierre & Marie Curie

PH.D. IN PHYSIOLOGY AND PATHOPHYSIOLOGY

Paris, France

2007-2009

### University of Pierre & Marie Curie

MASTER'S DEGREE IN MOLECULAR AND CELLULAR BIOLOGY

Paris, France

2005-2006

### University of Paris-Est Creteil

BACHELOR'S DEGREE IN BIOLOGICAL ENGINEERING - BIOCHEMICAL AND FOOD SPECIALTY

Creteil, France

2001-2004

## Awards and distinctions

- 2020 **Highly Cited Researchers:** Clarivate Web of Science  
Recognizing the true pioneers in their fields over the last decade, demonstrated by the production of multiple highly-cited papers that rank in the top 1% by citations for field and year in the Web of Science
- 2015 **Early stage Investigator Recognition:** The American Gastroenterological Association  
Digestive Disease Week, Washington, 2015
- 2011 **Travel Grant fellowship:** JFHOD  
Société Nationale Française de Gastro-Entérologie

## Publications

### RESEARCH ARTICLES

#### 1. Diet and gut microbiome interactions of relevance for symptoms in irritable bowel syndrome

Microbiome

J TAP, S STÖRSRUD, BL NEVÉ, AÉL COTILLARD, N PONS, JËL DORÉ, L ÖHMAN, H TÖRNBLOM, M DERRIEN, M SIMRÉN

2021

#### 2. A novel stepwise integrative analysis pipeline reveals distinct microbiota-host interactions and link to symptoms in irritable bowel syndrome

Scientific reports

A POLSTER, L ÖHMAN, J TAP, M DERRIEN, BL NEVÉ, J SUNDIN, H TÖRNBLOM, M CVIJOVIC, M SIMRÉN

2021

#### 3. Drinking water source and intake are associated with distinct gut microbiota signatures

The Journal of Nutrition

T VANHAECKE, O BRETIN, M POIREL, J TAP

2021

#### 4. Safety and functional enrichment of gut microbiome in healthy subjects consuming a multi-strain fermented milk product: a randomised controlled trial

Scientific reports

A-S ALVAREZ, J TAP, I CHAMBAUD, SÉP COOLS-PORTIER, L QUINQUIS, P BOURLIOUX, P MARTEAU, E GUILLEMARD, J

SCHREZENMEIR, M DERRIEN

2020

#### 5. A fermented milk product with B. Lactis CNCM I-2494 and lactic acid bacteria improves gastrointestinal comfort in response to a challenge diet rich in fermentable residues in ...

Nutrients

BL NEVÉ, J TAP, M DERRIEN, AÉL COTILLARD, E BARBA, M MEGO, AÓN RUIZ, L HERNANDEZ-PALET, Q DORNIC, J-M FAURIE, J

BUTLER, X MERINO, B LOBO, FP BATET, A ACCARINO, M POZUELO, C MANICHANH, F AZPIROZ

2020

<b>6. Prediction of the intestinal resistome by a three-dimensional structure-based method</b> E RUPPÉ, A GHOZLANE, J TAP, N PONS, A-S ALVAREZ, N MAZIER, T CUESTA, S HERNANDO-AMADO, I CLARES, JLÍS MARTÍNEZ, TM COQUE, F BAQUERO, VF LANZA, L MÁIZ, T GOULENOK, VD LASTOURS, N AMOR, B FANTIN, I WIEDER, A ANDREMONT, Wv SCHAİK, M ROGERS, X ZHANG, RJJ WILLEMS, AGD BREVERN, J-M BATTO, HÉM BLOTTIÈRE, P LÉONARD, VÉR LÉJARD, A LETUR, F LEVENEZ, K WEISZER, F HAİMET, JËL DORÉ, SP KENNEDY, SD EHRİCH	<i>Nature microbiology</i> 2019
<b>7. Evidence for an association of gut microbial Clostridia with brain functional connectivity and gastrointestinal sensorimotor function in patients with irritable bowel syndrome ...</b> JS LABUS, V OSADCHIY, EY HSİAO, J TAP, M DERRİEN, A GUPTA, K TİLLİSCH, BL NEVÉ, C GRİNSVALL, M LJUNGBERG, L ÖHMAN, H TÖRNBLOM, M SİMREN, EA MAYER	<i>Microbiome</i> 2019
<b>8. Effects of the long-term storage of human fecal microbiota samples collected in RNA later</b> J TAP, SÉP COOLS-PORTIER, S PAVAN, A DRUESNE, L ÖHMAN, H TÖRNBLOM, M SİMREN, M DERRİEN	<i>Scientific reports</i> 2019
<b>9. Fasting breath H2 and gut microbiota metabolic potential are associated with the response to a fermented milk product in irritable bowel syndrome</b> BL NEVÉ, M DERRİEN, J TAP, RÉM BRAZEILLES, SÉPC PORTIER, D GUYONNET, L OHMAN, S STÖRSRUD, H TÖRNBLOM, M SİMRÉN	<i>PloS one</i> 2019
<b>10. 1017-Effects of a Flatulogenic Diet Combined with a Fermented Milk Product on Markers of Flatulence and Intestinal Microbiome Composition in Healthy Subjects</b> AMDŁ TORRE, BL NEVÉ, J TAP, AÉŁ COTİLLARD, MPĐ RÍO, FP BATET, C MANİCHANH, F AZPIROZ	<i>Gastroenterology</i> 2019
<b>11. Altered intestinal antibacterial gene expression response profile in irritable bowel syndrome is linked to bacterial composition and immune activation</b> SMP BENNET, J SUNDIN, MK MAGNUSSON, H STRİD, J TAP, M DERRİEN, BL NEVÉ, JËŁ DORÉ, H TÖRNBLOM, M SİMRÉN, L ÖHMAN	<i>Neurogastroenterology &amp; Motility</i> 2018
<b>12. Fecal chromogranins and secretogranins are linked to the fecal and mucosal intestinal bacterial composition of IBS patients and healthy subjects</b> J SUNDIN, M STRİDSBERG, J TAP, M DERRİEN, BL NEVÉ, JËŁ DORÉ, H TÖRNBLOM, M SİMRÉN, L ÖHMAN	<i>Scientific reports</i> 2018
<b>13. Mo1942-Association Between Dietary Habits and the Gut Metagenome in Irritable Bowel Syndrome</b> J TAP, M DERRİEN, B LE NEVÉ, L OHMAN, H TÖRNBLOM, S STÖRSRUD, M SİMREN	<i>Gastroenterology</i> 2018
<b>14. Identification of an intestinal microbiota signature associated with severity of irritable bowel syndrome</b> J TAP, M DERRİEN, H TÖRNBLOM, RÉM BRAZEILLES, SÉP COOLS-PORTIER, JËŁ DORÉ, S STÖRSRUD, BL NEVÉ, L ÖHMAN, M SİMRÉN	<i>Gastroenterology</i> 2017
<b>15. Faecal microbiota study reveals specific dysbiosis in spondyloarthritis</b> M BREBAN, J TAP, A LEBOİME, R SAİD-NAHAL, P LANGELLA, G CHİOCCHİA, J-P FURET, H SOKOL	<i>Annals of the rheumatic diseases</i> 2017
<b>16. Clostridia from the gut microbiome are associated with brain functional connectivity and evoked symptoms in IBS</b> JS LABUS, E HSİAO, J TAP, M DERRİEN, A GUPTA, BL NEVÉ, RÉM BRAZEILLES, C GRİNSVALL, L OHMAN, H TÖRNBLOM, K TİLLİSCH, M SİMREN, EA MAYER	<i>Gastroenterology</i> 2017
<b>17. Granins are linked to bacterial richness, innate immunity, markers for intestinal permeability and symptom severity IBS patients</b> J SUNDIN, J TAP, M DERRİEN, BL NEVE, M STRİDSBERG, H TORNBLÖM, M SİMREN, L OHMAN	<i>NEUROGASTROENTEROLOGY AND MOTILITY</i> 2017
<b>18. Lactulose challenge determines visceral sensitivity and severity of symptoms in patients with irritable bowel syndrome</b> BL NEVÉ, RÉM BRAZEILLES, M DERRİEN, J TAP, D GUYONNET, L OHMAN, H TÖRNBLOM, M SİMRÉN	<i>Clinical Gastroenterology and Hepatology</i> 2016
<b>19. Early Phenotypical Changes induced By Transfert of Human Fecal Microbiota from Colorectal Cancer Patients to Germ-Free Mice</b> J TAP, AÉŁ AMİOT, VÉR JARROUSSE, S GUILMEAU, JT VANNHİEU, P LANGELLA, T PÉDRON, J-P FURET, AÉ BADO, İ SOBHANİ	<i>International Journal of Cancer and Oncology</i> 2016
<b>20. Tripartite network analysis links symptoms to the gut microbiome brain axis in irritable bowel syndrome</b> JS LABUS, K TİLLİSCH, J TAP, M DERRİEN, A GUPTA, B LENEVE, R BRAZEILLES, C GRİNSVALL, L OHMAN, H TORNBLÖM, M SİMREN, EA MAYER	<i>NEUROGASTROENTEROLOGY AND MOTILITY</i> 2016

## 21. It's all in the mix: diagnosis and management of food intolerance reply

BL NEVE, R BRAZEILLES, M DERRIEN, J TAP, D GUYONNET, L OHMAN, H TORNBLOM, M SIMREN

*Clinical Gastroenterology and  
Hepatology*

2016

## 22. Gut microbiota richness promotes its stability upon increased dietary fibre intake in healthy adults

J TAP, J-P FURET, M BENSADA, C PHILIPPE, H ROTH, S RABOT, O LAKHDARI, V LOMBARD, B HENRISSAT, GÉR CORTIER, E FONTAINE, JËL DORÉ, M LECLERC

*Environmental microbiology*

2015

## 23. The gut microbiota for health experts exchange: an online network for sharing knowledge

P ENCK, K CAMPBELL, J TAP, PY ARNOUX, JM ANTOINE

*The FASEB Journal*

2015

## 24. 753 Identification of a Gut Microbial Signature Linked to Severity of Irritable Bowel Syndrome

J TAP, L OHMAN, H TÖRNBLOM, BL NEVÉ, R BRAZEILLES, JËL DORÉ, M DERRIEN, M SIMREN

*Gastroenterology*

2015

## 25. An integrated catalog of reference genes in the human gut microbiome

J LI, H JIA, X CAI, H ZHONG, Q FENG, S SUNAGAWA, M ARUMUGAM, JR KULTIMA, E PRIFTI, T NIELSEN, AS JUNCKER, C MANICHANH, B CHEN, W ZHANG, F LEVENEZ, J WANG, X XU, L XIAO, S LIANG, D ZHANG, Z ZHANG, W CHEN, H ZHAO, JY AL-AAMA, S EDRIS, H YANG, J WANG, T HANSEN, HBØR NIELSEN, SØR BRUNAK, K KRISTIANSEN, F GUARNER, O PEDERSEN, J DORÉ, SD EHRLICH, P BORK, J WANG

*Nature biotechnology*

2014

## 26. Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes

HBØR NIELSEN, M ALMEIDA, AS JUNCKER, S RASMUSSEN, J LI, S SUNAGAWA, DR PLICHTA, L GAUTIER, AG PEDERSEN, EL CHATELIER, E PELLETIER, I BONDE, T NIELSEN, C MANICHANH, M ARUMUGAM, J-M BATTO, MBQD SANTOS, N BLOM, N BORRUEL, KS BURGDORF, F BOUMEZBEUR, F CASELLAS, J DORE, P DWORZYNSKI, F GUARNER, T HANSEN, F HILDEBRAND, RS KAAS, S KENNEDY, K KRISTIANSEN, JR KULTIMA, P LÉONARD, F LEVENEZ, O LUND, B MOUMEN, DL PASLIER, N PONS, O PEDERSEN, E PRIFTI, J QIN, J RAES, SØR SØRENSEN, J TAP, S TIMS, DW USSERY, T YAMADA, P RENAULT, T SICHERITZ-PONTEN, P BORK, J WANG, SØR BRUNAK, SD EHRLICH

*Nature biotechnology*

2014

## 27. Potential of fecal microbiota for early-stage detection of colorectal cancer

G ZELLER, J TAP, AY VOIGT, S SUNAGAWA, JR KULTIMA, PI COSTEA, AÉL AMIOT, JÜR BÖHM, F BRUNETTI, N HABERMANN, R HERCOG, M KOCH, A LUCIANI, DR MENDE, MA SCHNEIDER, P SCHROTZ-KING, C TOURNIGAND, JTV NHIEU, T YAMADA, JÜR ZIMMERMANN, V BENES, M KLOOR, CM ULRICH, MVK DOEBERITZ, I SOBhani, P BORK

*Molecular systems biology*

2014

## 28. Richness of human gut microbiome correlates with metabolic markers

EL CHATELIER, T NIELSEN, J QIN, E PRIFTI, F HILDEBRAND, G FALONY, M ALMEIDA, M ARUMUGAM, J-M BATTO, S KENNEDY, P LEONARD, J LI, K BURGDORF, N GRARUP, T JØRGENSEN, I BRANDSLUND, HBØR NIELSEN, AS JUNCKER, M BERTALAN, F LEVENEZ, N PONS, S RASMUSSEN, S SUNAGAWA, J TAP, S TIMS, EG ZOETENDAL, SØR BRUNAK, K CLÉMENT, JËL DORÉ, M KLEEREBEZEM, K KRISTIANSEN, P RENAULT, T SICHERITZ-PONTEN, WMD VOS, J-D ZUCKER, J RAES, T HANSEN, P BORK, J WANG, SD EHRLICH, O PEDERSEN

*Nature*

2013

## 29. Genomic variation landscape of the human gut microbiome

S SCHLOISNIG, M ARUMUGAM, S SUNAGAWA, M MITREVA, J TAP, A ZHU, A WALLER, DR MENDE, JR KULTIMA, J MARTIN, K KOTA, SR SUNYAEV, GM WEINSTOCK, P BORK

*Nature*

2013

## 30. Metagenomic species profiling using universal phylogenetic marker genes

S SUNAGAWA, DR MENDE, G ZELLER, F IZQUIERDO-CARRASCO, SA BERGER, JR KULTIMA, LP COELHO, M ARUMUGAM, J TAP, HBØR NIELSEN, S RASMUSSEN, SØR BRUNAK, O PEDERSEN, F GUARNER, WMD VOS, J WANG, J LI, JËL DORÉ, SD EHRLICH, A STAMATAKIS, P BORK

*Nature methods*

2013

## 31. Gut microbiota after gastric bypass in human obesity: increased richness and associations of bacterial genera with adipose tissue genes

L-C KONG, J TAP, J ARON-WISNEWSKY, V PELLOUX, A BASDEVANT, J-L BOUILLLOT, J-D ZUCKER, J DORE, K CLEMENT

*The American journal of clinical  
nutrition*

2013

## 32. Genomic analysis of smooth tubercle bacilli provides insights into ancestry and pathoadaptation of Mycobacterium tuberculosis

P SUPPLY, M MARCEAU, S MANGENOT, D ROCHE, C ROUANET, V KHANNA, L MAJLESSI, A CRISCUOLO, J TAP, A PAWLIK, L FIETTE, M ORGEUR, M FABRE, CÉC PARMENTIER, W FRIGUI, R SIMEONE, EC BORITSCH, A-S DEBRIE, E WILLERY, D WALKER, MA QUAIL, L MA, C BOUCHIER, GÉG SALVIGNOL, F SAYES, A CASCIOFERRO, T SEEMANN, VÉR BARBE, C LOCHT, M-C GUTIERREZ, C LECLERC, SD BENTLEY, TP STINEAR, S BRISSE, C MÉDIGUE, J PARKHILL, SÉP CRUVEILLER, R BROSC

*Nature genetics*

2013

### 33. Individuality and temporal stability of the human gut microbiome

S SUNAGAWA, S SCHLOISSNIG, M ARUMUGAM, K FORSLUND, M MITREVA, J TAP, A ZHU, A WALLER, DR MENDE, JR KULTIMA, J MARTIN, K KOTA, SR SUNYAEV, A TYPAS, GM WEINSTOCK, P BORK

*Central Asian journal of global health*

2013

### 34. Enterotypes of the human gut microbiome

M ARUMUGAM, J RAES, E PELLETIER, DL PASLIER, T YAMADA, DR MENDE, GR FERNANDES, J TAP, T BRULS, J-M BATTO, M BERTALAN, N BORRUEL, F CASELLAS, L FERNANDEZ, L GAUTIER, T HANSEN, M HATTORI, T HAYASHI, M KLEEREBEZEM, K KUROKAWA, M LECLERC, F LEVENEZ, C MANICHANH, HBØR NIELSEN, T NIELSEN, N PONS, J POULAIN, J QIN, T SICHERITZ-PONTEN, S TIMS, D TORRENTS, E UGARTE, EG ZOETENDAL, J WANG, F GUARNER, O PEDERSEN, WMD VOS, SØR BRUNAK, J DORÉ, J WEISSENBACH, SD EHRLICH, P BORK

*nature*

2011

### 35. Microbial dysbiosis in colorectal cancer (CRC) patients

I SOBHANI, J TAP, FÇO Roudot-Thoraval, JP ROPERCH, S LETULLE, P LANGELLA, G CORTHIER, JTV NHIEU, JP FURET

*PloS one*

2011

### 36. Identification of NF-κB modulation capabilities within human intestinal commensal bacteria

O LAKHDARI, J TAP, F BÉGUET-CRESPEL, KL ROUX, TD WOUTERS, A CULTRONE, M NEPELSKA, F LEFEVRE, JËL DORÉ, HÉM BLOTTIERE

*Journal of biomedicine and biotechnology*

2011

### 37. A human gut microbial gene catalogue established by metagenomic sequencing

J QIN, R LI, J RAES, M ARUMUGAM, KS BURGDORF, C MANICHANH, T NIELSEN, N PONS, F LEVENEZ, T YAMADA, DR MENDE, J LI, J XU, S LI, D LI, J CAO, B WANG, H LIANG, H ZHENG, Y XIE, J TAP, P LEPAGE, M BERTALAN, J-M BATTO, T HANSEN, DL PASLIER, A LINNEBERG, HBØR NIELSEN, E PELLETIER, P RENAULT, T SICHERITZ-PONTEN, K TURNER, H ZHU, C YU, S LI, M JIAN, Y ZHOU, Y LI, X ZHANG, S LI, N QIN, H YANG, J WANG, SØR BRUNAK, J DORÉ, F GUARNER, K KRISTIANSEN, O PEDERSEN, J PARKHILL, J WEISSENBACH, P BORK, SD EHRLICH, J WANG

*nature*

2010

### 38. Differential adaptation of human gut microbiota to bariatric surgery-induced weight loss: links with metabolic and low-grade inflammation markers

J-P FURET, L-C KONG, J TAP, C POITOU, A BASDEVANT, J-L BOUILLLOT, D MARIAT, GÉR CORTHIER, JËL DORÉ, C HENEGAR, S RIZKALLA, K CLÉMENT

*Diabetes*

2010

### 39. Functional metagenomics to mine the human gut microbiome for dietary fiber catabolic enzymes

L TASSE, J BERCOVICI, S PIZZUT-SERIN, P ROBE, J TAP, C KLOPP, BL CANTAREL, PM COUTINHO, B HENRISSAT, M LECLERC, JËL DORÉ, P MONSAN, M REMAUD-SIMEON, G POTOCKI-VERONESE

*Genome research*

2010

### 40. Functional metagenomics: a high throughput screening method to decipher microbiota-driven NF-κB modulation in the human gut

O LAKHDARI, A CULTRONE, J TAP, K GLOUX, FÇO BERNARD, SD EHRLICH, F LEFÈVRE, JËL DORÉ, HÉM BLOTTIERE

*PloS one*

2010

### 41. Differential Adaptation of Human Gut Microbiota to Bariatric Surgery-Induced Weight Loss: Links with Metabolic and Low-Grade Inflammatory Markers

LC KONG, JP FURET, J TAP, C POITOU-BERNERT, A BASDEVANT, J-L BOUILLLOT, D MARIAT, G CORTHIER, J DORE, C HENEGAR, SW RIZKALLA, K CLEMENT

*DIABETES*

2010

### 42. Towards the human intestinal microbiota phylogenetic core

J TAP, S MONDOT, F LEVENEZ, E PELLETIER, C CARON, J-P FURET, E UGARTE, R MUÑOZ-TAMAYO, DL PASLIER, R NALIN, J DORE, M LECLERC

*Environmental microbiology*

2009

### 43. Comparative assessment of human and farm animal faecal microbiota using real-time quantitative PCR

J-P FURET, O FIRMESSSE, MËL GOURMELON, C BRIDONNEAU, J TAP, S MONDOT, JËL DORÉ, GÉR CORTHIER

*FEMS microbiology ecology*

2009

## REVIEWS AND BOOKS CHAPTER

### 1. The Human Gut Microbiota in all its States: From Disturbance to Resilience

J TAP, E RUPPÉ, M DERRIEN

*Reference Module in Food Science*

2021

### 2. Techniques d'identification et d'exploration du microbiote

J DORÉ, J TAP, D EHRLICH

*John Libbey Eurotext*

2017

### 3. Composition du microbiote intestinal

J DORÉ, J TAP, D EHRLICH

*John Libbey Eurotext*

2017

### 4. Microbiote intestinal, la clé pour une meilleure alimentation?

P VEIGA, J TAP, M DERRIEN

*médecine/sciences*

2016

### 5. Metagenomics of the human intestinal tract: from who is there to what is done there

A CULTRONE, J TAP, N LAPAQUE, J DORÉ, HM BLOTTIÈRE

*Current Opinion in Food Science*

2015

## PATENT

### 1. Method for diagnosing adenomas and/or colorectal cancer (CRC) based on analyzing the gut microbiome

P BORK, J TAP, G ZELLER, A VOIGT, JR KULTIMA, PI COSTEA, D MENDE, S SUNAGAWA, I SOBBANI

*EP Patent EP*

2014

## CONFERENCE PRECEEDINGS

### 1. Unsupervised Diet Partitions Better Explain Variations of the Gut Microbiome Compared to Individual Dietary Markers in US Adults of the American Gut Project Cohort

AÉL COTILLARD, S CHAUMONT, M SACCAREAU, NS LITWIN, DG LOPEZ, J TAP, F LEJZEROWICZ, L DEMARETZ, D McDONALD, SJ SONG, R KNIGHT, AÈS CARTIER-MEHEUST, P VEIGA

*Current Developments in Nutrition*

2021

### 2. Alternative stable states of a holobiont: the intestinal microbiota-host relationship.

MVD GUCHTE, S BURZ, J TAP, J CADIOU, J WU, A COTILLARD, C MAYEUR, P VEIGA, HÉM BLOTTIERE, M DERRIEN, J DORE

*The Second International Conference on Holobionts*

2019

### 3. Gut Microbiota Variations Correlate with Disease Activity in Spondyloarthritis (SpA) and Rheumatoid Arthritis (RA).: 622

J TAP, J ABOU-GHANTOUS, A LEBOIME, R NAHAL, P LANGELLA, H-J GARCHON, G CHIOCCHIA, J-P FURET, M BREBAN

*Arthritis & Rheumatology*

2014

### 4. Adaptation of intestinal microbiota after weight loss: Effects of gastric bypass (GBP) in massively obese subjects.

LC KONG, JP FURET, J TAP, C POITOU, A BASDEVANT, JL BOUILLLOT, G CORTHIER, J DORE, C HENEGAR, S RIZKALLA, K CLEMENT

*Diabetes & Metabolism*

2010

### 5. Adaptation of human gut microbiota to a starvation-like situation and association with low grade inflammation: effect of gastric surgery-induced weight loss: T3: PO. 91

L KONG, J FURET, J TAP, C POITOU, A BASDEVANT, J BOUILLLOT, G CORTHIER, J DORÉ, C HENEGAR, S RIZKALLA, K CLÉMENT

*Obesity Reviews*

2010

### 6. Towards the healthy human intestinal microbiota phylogenetic core?

J TAP, S MONDOT, F LEVENEZ, E PELLETIER, C CARON, J-P FURET, E UGARTE, R MUNOZ-TAMAYO, DL PASLIER, R NALIN, J DORE, M LECLERC

*Microbial Ecology*

2009

### 7. Phylogenetic and Functional Specificities of Crohn's Disease Microbiota.

S MONDOT, J TAP, JP FURET, P LEPAGE, J DORE, P MARTEAU, M LECLERC

*MICROBIAL ECOLOGY*

2009