

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 microbiome scientist 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

- 2011 **Travel Grant fellowship:** JFHOD
Société Nationale Française de Gastro-Entérologie
- 2015 **Early stage Investigator Recognition:** The American Gastroenterological Association
Digestive Disease Week, Washington, 2015
- 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

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, AÓNÑ 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

6. Prediction of the intestinal resistome by a three-dimensional structure-based method 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 SCHAIK, M ROGERS, X ZHANG, RJJ WILLEMS, AGD BREVERN, J-M BATTO, HÉM BLOTTIÈRE, P LÉONARD, VÉR LÉJARD, A LETUR, F LEVENEZ, K WEISZER, F HAIME, JÉL DORÉ, SP KENNEDY, SD EHRLICH	<i>Nature microbiology</i> 2019
7. Evidence for an association of gut microbial Clostridia with brain functional connectivity and gastrointestinal sensorimotor function in patients with irritable bowel syndrome ... JS LABUS, V OSADCHYI, EY HSIAO, J TAP, M DERRIEN, A GUPTA, K TILLISCH, BL NEVÉ, C GRINSVALL, M LJUNGBERG, L ÖHMAN, H TÖRNBLOM, M SIMREN, EA MAYER	<i>Microbiome</i> 2019
8. Effects of the long-term storage of human fecal microbiota samples collected in RNA later J TAP, SÉP COOLS-PORTIER, S PAVAN, A DRUESNE, L ÖHMAN, H TÖRNBLOM, M SIMREN, M DERRIEN	<i>Scientific reports</i> 2019
9. Fasting breath H₂ and gut microbiota metabolic potential are associated with the response to a fermented milk product in irritable bowel syndrome BL NEVÉ, M DERRIEN, J TAP, RÉM BRAZEILLES, SÉPC PORTIER, D GUYONNET, L OHMAN, S STÖRSRUD, H TÖRNBLOM, M SIMRÉN	<i>PloS one</i> 2019
10. 1017-Effects of a Flatulogenic Diet Combined with a Fermented Milk Product on Markers of Flatulence and Intestinal Microbiome Composition in Healthy Subjects AMD L TORRE, BL NEVÉ, J TAP, AÉL COTILLARD, MPD RÍO, FP BATET, C MANICHANH, F AZPIROZ	<i>Gastroenterology</i> 2019
11. Altered intestinal antibacterial gene expression response profile in irritable bowel syndrome is linked to bacterial composition and immune activation SMP BENNET, J SUNDIN, MK MAGNUSSON, H STRID, J TAP, M DERRIEN, BL NEVÉ, JÉL DORÉ, H TÖRNBLOM, M SIMRÉN, L ÖHMAN	<i>Neurogastroenterology & Motility</i> 2018
12. Fecal chromogranins and secretogranins are linked to the fecal and mucosal intestinal bacterial composition of IBS patients and healthy subjects J SUNDIN, M STRIDSBERG, J TAP, M DERRIEN, BL NEVÉ, JÉL DORÉ, H TÖRNBLOM, M SIMRÉN, L ÖHMAN	<i>Scientific reports</i> 2018
13. Mo1942-Association Between Dietary Habits and the Gut Metagenome in Irritable Bowel Syndrome J TAP, M DERRIEN, B LE NEVÉ, L OHMAN, H TÖRNBLOM, S STÖRSRUD, M SIMREN	<i>Gastroenterology</i> 2018
14. Identification of an intestinal microbiota signature associated with severity of irritable bowel syndrome J TAP, M DERRIEN, H TÖRNBLOM, RÉM BRAZEILLES, SÉP COOLS-PORTIER, JÉL DORÉ, S STÖRSRUD, BL NEVÉ, L ÖHMAN, M SIMRÉN	<i>Gastroenterology</i> 2017
15. Faecal microbiota study reveals specific dysbiosis in spondyloarthritis M BREBAN, J TAP, A LEBOIME, R SAID-NAHAL, P LANGELLA, G CHIOCCHIA, J-P FURET, H SOKOL	<i>Annals of the rheumatic diseases</i> 2017
16. Clostridia from the gut microbiome are associated with brain functional connectivity and evoked symptoms in IBS JS LABUS, E HSIAO, J TAP, M DERRIEN, A GUPTA, BL NEVÉ, RÉM BRAZEILLES, C GRINSVALL, L OHMAN, H TÖRNBLOM, K TILLISCH, M SIMREN, EA MAYER	<i>Gastroenterology</i> 2017
17. Granins are linked to bacterial richness, innate immunity, markers for intestinal permeability and symptom severity IBS patients J SUNDIN, J TAP, M DERRIEN, BL NEVE, M STRIDSBERG, H TORNBLUM, M SIMREN, L OHMAN	<i>NEUROGASTROENTEROLOGY AND MOTILITY</i> 2017
18. Lactulose challenge determines visceral sensitivity and severity of symptoms in patients with irritable bowel syndrome BL NEVÉ, RÉM BRAZEILLES, M DERRIEN, J TAP, D GUYONNET, L OHMAN, H TÖRNBLOM, M SIMRÉN	<i>Clinical Gastroenterology and Hepatology</i> 2016
19. Early Phenotypical Changes induced By Transfert of Human Fecal Microbiota from Colorectal Cancer Patients to Germ-Free Mice J TAP, AÉL AMIOT, VÉR JARROUSSE, S GUILMEAU, JT VANNHIEU, P LANGELLA, T PÉDRON, J-P FURET, AÉ BADO, I SOBHANI	<i>International Journal of Cancer and Oncology</i> 2016
20. Tripartite network analysis links symptoms to the gut microbiome brain axis in irritable bowel syndrome JS LABUS, K TILLISCH, J TAP, M DERRIEN, A GUPTA, B LENEVE, R BRAZEILLES, C GRINSVALL, L OHMAN, H TORNBLUM, M SIMREN, 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