

Julien Tap

RESEARCH SCIENTIST

France

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After several internships in microbiology at Institut Pasteur (Patrick Grimont, Philippe Glaser, Sylvain Brisse), Julien Tap went to Joel Doré's Lab to do a PhD headed by Marion Leclerc (Jan 2007 to Dec 2009). His main project was to study dietary fiber impact on human gut microbiota using notably metagenomic and metatranscriptomic approaches. Since his PhD, his research interest focused on interactions between nutrition, gut microbiota, and human health. This allowed him to work with different AP-HP clinicians like Pr Karine Clément and Pr Iradj Sobhani. As post-doc did at EMBL in Peer Bork's group and at INRAE Metagenopolis unit (Joel Doré, Dusko Ehrlich), as well as Danone research, he used several approaches like numerical ecology and machine learning technics to untangle big omics data with clinical and dietary data. Julien is currently a research scientist at INRAE Micalis institute settled in Paris-Saclay campus, where he works on food and gut microbiome science topics around nutrition and human health.

Research experience

CAREER/ACADEMIC APPOINTMENT

INRAE Micalis

RESEARCH SCIENTIST

[Jouy-en-Josas](#)

2022 - Present

Danone Nutricia Research

MICROBIOME SCIENTIST

[Paris-Saclay, France](#)

2015 - 2022

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

INRA Metagenopolis

POSTDOCTORAL RESEARCHER

[Jouy-en-Josas, France](#)

2013 - 2014

AP-HP CHU Henri Mondor

POSTDOCTORAL RESEARCHER

[Créteil, France](#)

2012 - 2013

EMBL Peer Bork group Computational Biology

POSTDOCTORAL RESEARCHER

[Heidelberg, Germany](#)

2010 - 2012

INRA Doré Lab

PHD STUDENT

[Jouy-en-Josas, France](#)

2007 - 2009

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

Institut Pasteur

INTERSHIP STUDENT

[Paris, France](#)

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

- 2022 **Ruben Ladeira:** Master genie Biologie polytech Nice sophia
Structural and functional variations of gut Bifidobacterium metagenomes are associated with human gut microbiome alterations and health status
- 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 **Housseem 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 Bourgogne

UNIVERSITY DEGREE IN SUSTAINABLE HEALTH FOOD AND MICRONUTRITION

Dijon, France

2021-2022

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

RESEARCH ARTICLES

- 1. A posteriori dietary patterns better explain variations of the gut microbiome than individual markers in the American Gut Project**

A COTILLARD, A CARTIER-MEHEUST, NS LITWIN, S CHAUMONT, M SACCAREAU, F LEJZEROWICZ, J TAP, H KOUTNIKOVA, DG LOPEZ, D McDONALD, SJ SONG, R KNIGHT, M DERRIEN, P VEIGA

The American journal of clinical nutrition

2022
- 2. Drinking water source and intake are associated with distinct gut microbiota signatures in US and UK populations**

T VANHAECKE, O BRETIN, M POIREL, J TAP

The Journal of nutrition

2022
- 3. Human gut metatranscriptome changes induced by a fermented milk product are associated with improved tolerance to a flatulogenic diet**

I OYARZUN, BL NEVÉ, F YAÑEZ, Z XIE, M PICHAUD, G SERRANO-GÓMEZ, J ROCA, P VEIGA, F AZPIROZ, J TAP, C MANICHANH

Computational and Structural Biotechnology Journal

2022
- 4. Diet and gut microbiome interactions of relevance for symptoms in irritable bowel syndrome**

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

Microbiome

2021
- 5. A novel stepwise integrative analysis pipeline reveals distinct microbiota-host interactions and link to symptoms in irritable bowel syndrome**

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

Scientific Reports

2021
- 6. A Fermented Milk Product Containing B. lactis CNCM I-2494 Improves the Tolerance of a Plant-Based Diet in Patients with Disorders of Gut-Brain Interactions**

BL NEVÉ, J TAP, AN RUIZ, M DERRIEN, A COTILLARD, J FAURIE, E BARBA, M MEGO, Q DORNIC, J BUTLER, X MERINO, B LOBO, FP BATET, M POZUELO, J SANTOS, F GUARNER, C MANICHANH, F AZPIROZ

Nutrients

2021
- 7. Diet and gut microbiome interactions in irritable bowel syndrome**

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

Scientific Reports

2021
- 8. Safety and functional enrichment of gut microbiome in healthy subjects consuming a multi-strain fermented milk product: a randomised controlled trial**

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

Nutrients

2020
- 9. 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 ...**

BL NEVÉ, AML TORRE, J TAP, M DERRIEN, A COTILLARD, E BARBA, M MEGO, AN RUIZ, L HERNANDEZ-PALET, Q DORNIC, J FAURIE, J BUTLER, X MERINO, B LOBO, FP BATET, A ACCARINO, M POZUELO, C MANICHANH, F AZPIROZ

Nature microbiology

2019
- 10. Prediction of the intestinal resistome by a three-dimensional structure-based method**

E RUPPÉ, A GHOZLANE, J TAP, N PONS, A ALVAREZ, N MAZIERS, T CUESTA, S HERNANDO-AMADO, I CLARES, JL 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, RJ WILLEMS, AGD BREVERN, J BATTO, HM BLOTTIÈRE, P LÉONARD, V LÉJARD, A LETUR, F LEVENEZ, K WEISZER, F HAIMET, J DORÉ, SP KENNEDY, SD EHRLICH

Microbiome

2019
- 11. 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

Scientific reports

2019
- 12. Effects of the long-term storage of human fecal microbiota samples collected in RNAlater**

J TAP, S COOLS-PORTIER, S PAVAN, A DRUESNE, L ÖHMAN, H TÖRNBLOM, M SIMREN, M DERRIEN

PLoS One

2019
- 13. 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, R BRAZEILLES, SC PORTIER, D GUYONNET, L ÖHMAN, S STÖRSRUD, H TÖRNBLOM, M SIMRÉN

14. Altered intestinal antibacterial gene expression response profile in irritable bowel syndrome is linked to bacterial composition and immune activation	<i>Neurogastroenterology & Motility</i>
SM BENNET, J SUNDIN, MK MAGNUSSON, H STRID, J TAP, M DERRIEN, BL NEVÉ, J DORÉ, H TÖRNBLOM, M SIMRÉN, L ÖHMAN	2018
15. Fecal chromogranins and secretogranins are linked to the fecal and mucosal intestinal bacterial composition of IBS patients and healthy subjects	<i>Scientific Reports</i>
J SUNDIN, M STRIDSBERG, J TAP, M DERRIEN, BL NEVÉ, J DORÉ, H TÖRNBLOM, M SIMRÉN, L ÖHMAN	2018
16. Identification of an intestinal microbiota signature associated with severity of irritable bowel syndrome	<i>Gastroenterology</i>
J TAP, M DERRIEN, H TÖRNBLOM, R BRAZEILLES, S COOLS-PORTIER, J DORÉ, S STÖRSRUD, BL NEVÉ, L ÖHMAN, M SIMRÉN	2017
17. Faecal microbiota study reveals specific dysbiosis in spondyloarthritis	<i>Annals of the rheumatic diseases</i>
M BREBAN, J TAP, A LEBOIME, R SAID-NAHAL, P LANGELLA, G CHIOCCHIA, J FURET, H SOKOL	2017
18. Clostridia from the gut microbiome are associated with brain functional connectivity and evoked symptoms in IBS	<i>Gastroenterology</i>
JS LABUS, E HSIAO, J TAP, M DERRIEN, A GUPTA, BL NEVÉ, R BRAZEILLES, C GRINSVALL, L OHMAN, H TÖRNBLOM, K TILLISCH, M SIMREN, EA MAYER	2017
19. Lactulose challenge determines visceral sensitivity and severity of symptoms in patients with irritable bowel syndrome	<i>Clinical Gastroenterology and Hepatology</i>
BL NEVÉ, R BRAZEILLES, M DERRIEN, J TAP, D GUYONNET, L OHMAN, H TÖRNBLOM, M SIMRÉN	2016
20. Early Phenotypical Changes induced By Transfert of Human Fecal Microbiota from Colorectal Cancer Patients to Germ-Free Mice	<i>International Journal of Cancer and Oncology</i>
J TAP, A AMIOT, V JARROUSSE, S GUILMEAU, JT VANNHIEU, P LANGELLA, T PÉDRON, J FURET, A BADO, I SOBHANI	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 TORNBLUM, M SIMREN	2016
22. Gut microbiota richness promotes its stability upon increased dietary fibre intake in healthy adults	<i>Environmental microbiology</i>
J TAP, J FURET, M BENSADA, C PHILIPPE, H ROTH, S RABOT, O LAKHDARI, V LOMBARD, B HENRISSAT, G CORTHIER, E FONTAINE, J DORÉ, M LECLERC	2015
23. The gut microbiota for health experts exchange: an online network for sharing knowledge	<i>The FASEB Journal</i>
P ENCK, K CAMPBELL, J TAP, PY ARNOUX, JM ANTOINE	2015
24. An integrated catalog of reference genes in the human gut microbiome	<i>Nature biotechnology</i>
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, HB NIELSEN, S BRUNAK, K KRISTIANSEN, F GUARNER, O PEDERSEN, J DORÉ, SD EHRLICH, P BORK, J WANG	2014
25. Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes	<i>Nature biotechnology</i>
HB 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 BATTO, MBQD SANTOS, N BLOM, N BORRUEL, KS BURGDORF, F BOUMEZBEUR, F CASELLAS, J DORÉ, 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, S SØRENSEN, J TAP, S TIMS, DW USSERY, T YAMADA, P RENAULT, T SICHERITZ-PONTEN, P BORK, J WANG, S BRUNAK, SD EHRLICH	2014
26. Potential of fecal microbiota for early-stage detection of colorectal cancer	<i>Molecular systems biology</i>
G ZELLER, J TAP, AY VOIGT, S SUNAGAWA, JR KULTIMA, PI COSTEA, A AMIOT, J BÖHM, F BRUNETTI, N HABERMANN, R HERCOG, M KOCH, A LUCIANI, DR MENDE, MA SCHNEIDER, P SCHROTZ-KING, C TOURNIGAND, JTV NHIEU, T YAMADA, J ZIMMERMANN, V BENES, M KLOOR, CM ULRICH, MvK DOEBERITZ, I SOBHANI, P BORK	2014
27. Addendum: Enterotypes of the human gut microbiome	<i>Nature</i>
M ARUMUGAM, J RAES, E PELLETIER, DL PASLIER, T YAMADA, DR MENDE, GR FERNANDES, J TAP, T BRULS, J 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, HB 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, S BRUNAK, J DORÉ, M CONSORTIUM, J WEISSENBAACH, SD EHRLICH, P BORK	2014

- 28. Richness of human gut microbiome correlates with metabolic markers** *Nature*
EL CHATELIER, T NIELSEN, J QIN, E PRIFTI, F HILDEBRAND, G FALONY, M ALMEIDA, M ARUMUGAM, J BATTO, S KENNEDY, P LEONARD, J LI, K BURGDORF, N GRARUP, T JØRGENSEN, I BRANDSLUND, HB NIELSEN, AS JUNCKER, M BERTALAN, F LEVENEZ, N PONS, S RASMUSSEN, S SUNAGAWA, J TAP, S TIMS, EG ZOETENDAL, S BRUNAK, K CLÉMENT, J DORÉ, M KLEEREBEZEM, K KRISTIANSEN, P RENAULT, T SICHERITZ-PONTEN, WMD VOS, J ZUCKER, J RAES, T HANSEN, P BORK, J WANG, SD EHRLICH, O PEDERSEN
2013
- 29. Genomic variation landscape of the human gut microbiome** *Nature*
S SCHLOISSNIG, 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
2013
- 30. Metagenomic species profiling using universal phylogenetic marker genes** *Nature methods*
S SUNAGAWA, DR MENDE, G ZELLER, F IZQUIERDO-CARRASCO, SA BERGER, JR KULTIMA, LP COELHO, M ARUMUGAM, J TAP, HB NIELSEN, S RASMUSSEN, S BRUNAK, O PEDERSEN, F GUARNER, WMD VOS, J WANG, J LI, J DORÉ, SD EHRLICH, A STAMATAKIS, P BORK
2013
- 31. Gut microbiota after gastric bypass in human obesity: increased richness and associations of bacterial genera with adipose tissue genes** *The American journal of clinical nutrition*
L KONG, J TAP, J ARON-WISNEWSKY, V PELLOUX, A BASDEVANT, J BOUILLOT, J ZUCKER, J DORE, K CLEMENT
2013
- 32. Genomic analysis of smooth tubercle bacilli provides insights into ancestry and pathoadaptation of Mycobacterium tuberculosis** *Nature genetics*
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, C PARMENTIER, W FRIGUI, R SIMEONE, EC BORITSCH, A DEBRIE, E WILLERY, D WALKER, MA QUAIL, L MA, C BOUCHIER, G SALVIGNOL, F SAYES, A CASCIOFERRO, T SEEMANN, V BARBE, C LOCHT, M GUTIERREZ, C LECLERC, SD BENTLEY, TP STINEAR, S BRISSE, C MÉDIGUE, J PARKHILL, S CRUVEILLER, R BROSCHE
2013
- 33. Individuality and temporal stability of the human gut microbiome** *Central Asian Journal of Global Health*
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
2013
- 34. Enterotypes of the human gut microbiome** *nature*
M ARUMUGAM, J RAES, E PELLETIER, DL PASLIER, T YAMADA, DR MENDE, GR FERNANDES, J TAP, T BRULS, J BATTO, M BERTALAN, N BORRUEL, F CASELLAS, L FERNANDEZ, L GAUTIER, T HANSEN, M HATTORI, T HAYASHI, M KLEEREBEZEM, K KUOKAWA, M LECLERC, F LEVENEZ, C MANICHANH, HB 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, S BRUNAK, J DORÉ, J WEISSENBAACH, SD EHRLICH, P BORK
2011
- 35. Microbial dysbiosis in colorectal cancer (CRC) patients** *PloS one*
I SOBHANI, J TAP, F ROUDOT-THORAVALL, JP ROPERCH, S LETULLE, P LANGELLA, G CORTHIER, JTV NHIEU, JP FURET
2011
- 36. Identification of NF-κB modulation capabilities within human intestinal commensal bacteria** *Journal of biomedicine and biotechnology*
O LAKHDARI, J TAP, F BÉGUET-CRESPEL, KL ROUX, TD WOUTERS, A CULTRONE, M NEPELSKA, F LEFEVRE, J DORÉ, HM BLOTTIERE
2011
- 37. Research Article 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, J DORÉ, HM BLOTTIERE
2011
- 38. A human gut microbial gene catalogue established by metagenomic sequencing** *nature*
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 BATTO, T HANSEN, DL PASLIER, A LINNEBERG, HB 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, S BRUNAK, J DORÉ, F GUARNER, K KRISTIANSEN, O PEDERSEN, J PARKHILL, J WEISSENBAACH, P BORK, SD EHRLICH, J WANG
2010
- 39. Differential adaptation of human gut microbiota to bariatric surgery-induced weight loss: links with metabolic and low-grade inflammation markers** *Diabetes*
J FURET, L KONG, J TAP, C POITOU, A BASDEVANT, J BOUILLOT, D MARIAT, G CORTHIER, J DORÉ, C HENEGAR, S RIZKALLA, K CLÉMENT
2010

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

Genome research

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

2010

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

PloS one

O LAKHDARI, A CULTRONE, J TAP, K GLOUX, F BERNARD, SD EHRLICH, F LEFÈVRE, J DORE, HM BLOTTIERE

2010

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

DIABETES

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

2010

43. Towards the human intestinal microbiota phylogenetic core

Environmental microbiology

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

2009

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

FEMS microbiology ecology

J FURET, O FIRMESSE, M GOURMELON, C BRIDONNEAU, J TAP, S MONDOT, J DORÉ, G CORTIER

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. Representing Diet in a Tree-Based Format for Interactive and Exploratory Assessment of Dietary Intake Data

N LITWIN, K CANTRELL, A COTILLARD, M DERRIEN, A JOHNSON, R KNIGHT, F LEJZEROWICZ, D McDONALD, B NOWINSKI, SJ SONG, J TAP, P VEIGA

Current Developments in Nutrition

2022

2. Unsupervised diet partitions better explain variations of the gut microbiome compared to individual dietary markers in US adults of the American Gut Project cohort

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

Current Developments in Nutrition

2021

3. 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, A COTILLARD, MPD RÍO, FP BATET, C MANICHANH, F AZPIROZ

Digestive Disease Week

2019

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

MVD GUCHTE, SD BURZ, J TAP, J CADIOU, J WU, A COTILLARD, C MAYEUR, PP VEIGA, HM BLOTTIERE, M DERRIEN, J DORE

The Second International Conference on Holobionts

2019

5. NEW INSIGHTS ON RELATIONSHIPS BETWEEN FODMAPS INTAKE, GUT MICROBIOTA AND SEVERITY OF SYMPTOMS IN IRRITABLE BOWEL SYNDROME

J TAP, M DERRIEN, H TÖRNBLOM, N PONS, S COOLS-PORTIER, J DORÉ, BL NEVE, L OHMAN, M SIMRÉN

International Human Microbiome Consortium Congress

2016

6. Identification of a gut microbial signature linked to severity of irritable bowel syndrome Julien Tap

J TAP, M DERRIEN, H TÖRNBLOM, R BRAZEILLES, S COOLS-PORTIER, J DORÉ, BL NEVE, L OHMAN, M SIMRÉN

United European Gastroenterology Week

2016

7. Identification of a Gut Microbial Signature Linked to Severity of Irritable Bowel Syndrome

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

Digestive Disease Week

2015

8. Le microbiote intestinal comme marqueur potentiel du cancer colorectal

J TAP, G ZELLER, AY VOIGT, A AMIOT, JTV NHIEU, P SCHROTZ-KING, M KLOOR, MVK DOEBERITZ, P BORK, I SOBHANI

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