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**The human milk microbiota: origin and potential roles in health and disease**

**DOI: 10.1016/j.phrs.2012.09.001**

**Pharmacological Research, 2013, 69, 1-10.**

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|-----|--|----|-----------|
| 583 | Development of intestinal microbiota in infants and its impact on health. <b>2013</b> , 21, 167-73   |    | 320       |
| 582 | [An update on lactation physiology and breastfeeding]. <b>2013</b> , 20, 1016-21   |    | 2         |
| 581 | Maternal regulation of offspring development in mammals is an ancient adaptation tied to lactation. <b>2013</b> , 2, 55-63                     |    | 40        |
| 580 | Probiotics in the Prevention of Colorectal Cancer. <b>2013</b> , 9, 31-36  |    | 5         |
| 579 | Assessment of bacterial diversity in breast milk using culture-dependent and culture-independent approaches. <b>2013</b> , 110, 1253-62        |    | 226       |
| 578 | The complex microbiota of raw milk. <b>2013</b> , 37, 664-98   |    | 421       |
| 577 | Microorganisms in human milk: lights and shadows. <b>2013</b> , 26 Suppl 2, 30-4   |    | 24        |
| 576 | Microbial biofilms and breast tissue expanders. <b>2013</b> , 2013, 254940   |    | 15        |
| 575 | Mom knows best: the universality of maternal microbial transmission. <b>2013</b> , 11, e1001631  |    | 483       |
| 574 | The winding road to understanding the neonatal origins of inflammatory gastrointestinal disorders. <b>2013</b> , 57, 543-9                     |    | 6         |
| 573 | The human gut microbiome and its dysfunctions. <b>2013</b> , 31, 278-85  |    | 49        |
| 572 | Encyclopedia of Metagenomics. <b>2013</b> , 1-6  |    |           |
| 571 | Crying in infants: on the possible role of intestinal microbiota in the development of colic. <b>2013</b> , 4, 416-21                          |    | 58        |
| 570 | Breast milk and gut microbiota in African mothers and infants from an area of high HIV prevalence. <b>2013</b> , 8, e80299                     |    | 61        |
| 569 | Probiotics in human milk and probiotic supplementation in infant nutrition: a workshop report. <b>2014</b> , 112, 1119-28                      |    | 43        |
| 568 | Innate immunity underlies symbiotic relationships. <b>2014</b> , 79, 1273-85   |    | 2         |
| 567 | Infant formula supplemented with low protein and high carbohydrate alters the intestinal microbiota in neonatal SD rats. <b>2014</b> , 14, 279 |    | 27        |

|     |   |     |
|-----|---|-----|
| 566 | The intestinal microbiome in early life: health and disease. <b>2014</b> , 5, 427   | 472 |
| 565 | Early development of the gut microbiome and immune-mediated childhood disorders. <b>2014</b> , 32, 74-86  | 83  |
| 564 | Bifidobacteria-host interactions--an update on colonisation factors. <b>2014</b> , 2014, 960826   | 29  |
| 563 | Lactobacilli and bifidobacteria in human breast milk: influence of antibiotherapy and other host and clinical factors. <b>2014</b> , 59, 78-88  | 145 |
| 562 | Powdered Infant Formula. <b>2014</b> , 177-211  | 3   |
| 561 | Role of Gut Microbes in Celiac Disease Risk and Pathogenesis. <b>2014</b> , 81-94   |     |
| 560 | The role of environmental factors in modulating immune responses in early life. <b>2014</b> , 5, 434  | 95  |
| 559 | Clinical metabolomics and nutrition: the new frontier in neonatology and pediatrics. <b>2014</b> , 2014, 981219   | 19  |
| 558 | Characterisation of bifidobacteria with immunomodulatory properties isolated from human breast milk. <b>2014</b> , 7, 700-708   | 16  |
| 557 | Excess body weight during pregnancy and offspring obesity: potential mechanisms. <b>2014</b> , 30, 245-51   | 22  |
| 556 | Oligofructose supplementation during pregnancy and lactation impairs offspring development and alters the intestinal properties of 21-d-old pups. <b>2014</b> , 13, 26                                | 7   |
| 555 | Probiotic milk consumption in pregnancy and infancy and subsequent childhood allergic diseases. <b>2014</b> , 133, 165-71.e1-8  | 87  |
| 554 | tuf-PCR-temporal temperature gradient gel electrophoresis for molecular detection and identification of staphylococci: application to breast milk and neonate gut microbiota. <b>2014</b> , 98, 67-75 | 9   |
| 553 | It's alive: microbes and cells in human milk and their potential benefits to mother and infant. <b>2014</b> , 5, 571-3  | 57  |
| 552 | The origin of human milk bacteria: is there a bacterial entero-mammary pathway during late pregnancy and lactation?. <b>2014</b> , 5, 779-84  | 217 |
| 551 | Milk, dairy products, and their functional effects in humans: a narrative review of recent evidence. <b>2014</b> , 5, 131-43  | 93  |
| 550 | Characterisation of Lactobacillus gastricus strains isolated from human milk. <b>2014</b> , 39, 167-177   | 6   |
| 549 | Case-control study of risk factors for infectious mastitis in Spanish breastfeeding women. <b>2014</b> , 14, 195  | 34  |

|     |   |         |
|-----|---|---------|
| 548 | Gut and Breast Milk Microbiota and Their Role in the Development of the Immune Function. <b>2014</b> , 2, 218-226   | 7       |
| 547 | Isolation of potential probiotic <i>Lactobacillus oris</i> HMI68 from mother's milk with cholesterol-reducing property. <b>2014</b> , 118, 153-9  | 41      |
| 546 | The Role of Maternal Breast Milk in Preventing Infantile Diarrhea in the Developing World. <b>2014</b> , 1, 97-105  | 41      |
| 545 | Urinary metabolomic fingerprinting after consumption of a probiotic strain in women with mastitis. <i>Pharmacological Research</i> , <b>2014</b> , 87, 160-5  | 10.2 25 |
| 544 | Probiotics for human lactational mastitis. <b>2014</b> , 5, 169-83  | 41      |
| 543 | Mortality and translocation assay to study the protective capacity of <i>Bifidobacterium lactis</i> INL1 against <i>Salmonella Typhimurium</i> infection in mice. <b>2014</b> , 5, 427-36   | 22      |
| 542 | Commensal Intestinal Microbiota and Mucosal Immune System Development and Function. <b>2014</b> , 9-48  | 1       |
| 541 | Human milk bactericidal properties: effect of lyophilization and relation to maternal factors and milk components. <b>2015</b> , 60, 527-32   | 15      |
| 540 | Lactic Acid Bacteria Biofilms. <b>2015</b> , 341-361  | 6       |
| 539 | Probiotics in obstetrics and gynaecology. <b>2015</b> , 55, 201-9   | 29      |
| 538 | Potential NICU Environmental Influences on the Neonate's Microbiome: A Systematic Review. <b>2015</b> , 15, 324-35  | 55      |
| 537 | Breast Pain: Engorgement, Nipple Pain, and Mastitis. <b>2015</b> , 58, 902-14   | 25      |
| 536 | On the origin of species: Factors shaping the establishment of infant's gut microbiota. <b>2015</b> , 105, 240-51   | 48      |
| 535 | Does Maternal Perinatal Probiotic Supplementation Alter the Intestinal Microbiota of Mother and Child?. <b>2015</b> , 61, 200-7   | 63      |
| 534 | Bacteriological, biochemical, and immunological properties of colostrum and mature milk from mothers of extremely preterm infants. <b>2015</b> , 60, 120-6  | 32      |
| 533 | The infant gut microbiome: evidence for obesity risk and dietary intervention. <i>Nutrients</i> , <b>2015</b> , 7, 2237-60.7  | 91      |
| 532 | Influenza Transmission in the Mother-Infant Dyad Leads to Severe Disease, Mammary Gland Infection, and Pathogenesis by Regulating Host Responses. <b>2015</b> , 11, e1005173  | 29      |
| 531 | Administration of <i>Bifidobacterium breve</i> PS12929 and <i>Lactobacillus salivarius</i> PS12934, two strains isolated from human milk, to very low and extremely low birth weight preterm infants: a pilot study. <b>2015</b> , 2015, 538171 | 18      |

|     |   |         |
|-----|---|---------|
| 530 | . <b>2015,</b>  | 10      |
| 529 | The composition of the gut microbiota throughout life, with an emphasis on early life. <b>2015, 26, 26050</b>   | 505     |
| 528 | Development and Physiology of the Intestinal Mucosal Defense. <b>2015, 9-29</b>   | 6       |
| 527 | The effect of early life antibiotic exposures on diarrheal rates among young children in Vellore, India. <b>2015, 34, 583-8</b>   | 11      |
| 526 | Microbes central to human reproduction. <b>2015, 73, 1-11</b>   | 31      |
| 525 | Breastfeeding and childhood acute otitis media: a systematic review and meta-analysis. <b>2015, 104, 85-95</b>  | 134     |
| 524 | Identification of a collagenase produced by <i>Bacillus cereus</i> R75E isolated from human colostrum. <b>2015, 51, 511-521</b>   | 2       |
| 523 | Microbiota de la glándula mamaria. <b>2015, 48, 1-8</b>   | 0       |
| 522 | Relationships between the genome and some phenotypical properties of <i>Lactobacillus fermentum</i> CECT 5716, a probiotic strain isolated from human milk. <b>2015, 99, 4343-53</b>                        | 35      |
| 521 | Amino acid metabolism in intestinal bacteria and its potential implications for mammalian reproduction. <b>2015, 21, 389-409</b>  | 104     |
| 520 | Human milk: mother nature's prototypical probiotic food?. <b>2015, 6, 112-23</b>  | 67      |
| 519 | Childhood acute lymphoblastic leukaemia and indicators of early immune stimulation: the Estelle study (SFCE). <b>2015, 112, 1017-26</b>   | 32      |
| 518 | Network analysis suggests a potentially 'evil' alliance of opportunistic pathogens inhibited by a cooperative network in human milk bacterial communities. <i>Scientific Reports</i> , <b>2015, 5, 8275</b> | 4.9 37  |
| 517 | Long-term safety of early consumption of <i>Lactobacillus fermentum</i> CECT5716: A 3-year follow-up of a randomized controlled trial. <i>Pharmacological Research</i> , <b>2015, 95-96, 12-9</b>           | 10.2 33 |
| 516 | Microbiology and ecology are vitally important to premedical curricula. <b>2015, 2015, 179-92</b>   | 4       |
| 515 | Exploring Vertical Transmission of Bifidobacteria from Mother to Child. <b>2015, 81, 7078-87</b>  | 150     |
| 514 | Preterm infant gut colonization in the neonatal ICU and complete restoration 2 years later. <b>2015, 21, 936.e1-10</b>  | 41      |
| 513 | Reduced duration of breastfeeding is associated with a higher risk of multiple sclerosis in both Italian and Norwegian adult males: the EnvIMS study. <b>2015, 262, 1271-7</b>                              | 32      |

|     |   |      |     |
|-----|---|------|-----|
| 512 | Administration of a multistrain probiotic product (VSL#3) to women in the perinatal period differentially affects breast milk beneficial microbiota in relation to mode of delivery. <i>Pharmacological Research</i> , <b>2015</b> , 95-96, 63-70 | 10.2 | 52  |
| 511 | Metagenomic Analysis of Milk of Healthy and Mastitis-Suffering Women. <b>2015</b> , 31, 406-15  |      | 144 |
| 510 | Administration of probiotics <i>Lactobacillus rhamnosus</i> GG and <i>Lactobacillus gasseri</i> K7 during pregnancy and lactation changes mouse mesenteric lymph nodes and mammary gland microbiota. <b>2015</b> , 98, 2114-28                    |      | 23  |
| 509 | Newborns prefer the odor of milk and nipples from females matched in lactation age: Comparison of two mouse strains. <b>2015</b> , 147, 122-30  |      | 7   |
| 508 | Influence of <i>Lactobacillus casei</i> LC2W on the proteolysis and aroma compounds of Cheddar cheese during ripening period. <b>2015</b> , 13, 464-471   |      | 8   |
| 507 | Characterization of <i>Staphylococcus aureus</i> strains isolated from faeces of healthy neonates and potential mother-to-infant microbial transmission through breastfeeding. <b>2015</b> , 91,  |      | 27  |
| 506 | Caesarean section and hospitalization for respiratory syncytial virus infection: a population-based study. <b>2015</b> , 34, 145-8  |      | 27  |
| 505 | Fecal Microbial Community Structure Is Stable over Time and Related to Variation in Macronutrient and Micronutrient Intakes in Lactating Women. <b>2015</b> , 145, 2379-88  |      | 46  |
| 504 | Das Mikrobiom des Neugeborenen. <b>2015</b> , 50, 160-167   |      | 2   |
| 503 | Factors affecting breast milk composition and potential consequences for development of the allergic phenotype. <b>2015</b> , 45, 583-601   |      | 37  |
| 502 | Human milk and infant intestinal mucosal glycans guide succession of the neonatal intestinal microbiota. <b>2015</b> , 77, 115-20   |      | 51  |
| 501 | Isolation, identification and characterization of <i>Staphylococcus epidermidis</i> in human milk. <b>2015</b> , 60, 36-41  |      | 5   |
| 500 | Importance of the Microbiota in Early Life and Influence on Future Health. <b>2016</b> , 159-184  |      | 4   |
| 499 | The Microbiota of Non-cow Milk and Products. <b>2016</b> , 117-159  |      | 2   |
| 498 | Fecal Microbiota and Diet of Children with Chronic Constipation. <b>2016</b> , 2016, 6787269  |      | 18  |
| 497 | Immunology of breast milk. <b>2016</b> , 62, 584-593  |      | 75  |
| 496 | Breast Always Best?. <b>2016</b> , 235-260  |      |     |
| 495 | Fecal Carriage of <i>Staphylococcus aureus</i> in the Hospital and Community Setting: A Systematic Review. <b>2016</b> , 7, 449   |      | 13  |

|     |  |     |
|-----|--|-----|
| 494 | Relationship between Milk Microbiota, Bacterial Load, Macronutrients, and Human Cells during Lactation. <b>2016</b> , 7, 492                           | 131 |
| 493 | A Critical Evaluation of Bifidobacterial Adhesion to the Host Tissue. <b>2016</b> , 7, 1220  | 34  |
| 492 | A comparative study of bifidobacteria in human babies and adults. <b>2016</b> , 35, 97-103   | 11  |
| 491 | Evaluating the efficacy of breastfeeding guidelines on long-term outcomes for allergic disease. <b>2016</b> , 71, 661-70                               | 30  |
| 490 | Perinatal Microbiomes' Influence on Preterm Birth and Preterms' Health: Influencing Factors and Modulation Strategies. <b>2016</b> , 63, e193-e203     | 19  |
| 489 | Probiotic properties of lactic acid bacteria isolated from human milk. <b>2016</b> , 121, 811-20   | 33  |
| 488 | Signs and symptoms associated with digestive tract development. <b>2016</b> , 92, S46-56   | 8   |
| 487 | The bovine milk microbiota: insights and perspectives from -omics studies. <b>2016</b> , 12, 2359-72   | 111 |
| 486 | [Microbiological diagnosis of bacterial infection associated with delivery and postpartum]. <b>2016</b> , 34, 309-14                                   | 1   |
| 485 | Emerging Concepts on the Gut Microbiome and Multiple Sclerosis. <b>2016</b> , 36, 347-57   | 23  |
| 484 | Fine-tuning of the mucosal barrier and metabolic systems using the diet-microbial metabolite axis. <b>2016</b> , 37, 79-86                             | 11  |
| 483 | Microbes Drive Evolution of Animals and Plants: the Hologenome Concept. <b>2016</b> , 7, e01395  | 233 |
| 482 | Signs and symptoms associated with digestive tract development. <b>2016</b> , 92, S46-S56  |     |
| 481 | Effects of lactic acid bacteria silage inoculation on methane emission and productivity of Holstein Friesian dairy cattle. <b>2016</b> , 99, 7159-7174 | 23  |
| 480 | Determination of Bifidobacterium and Lactobacillus in breast milk of healthy women by digital PCR. <b>2016</b> , 7, 559-69                             | 12  |
| 479 | Milk and blood biomarkers associated to the clinical efficacy of a probiotic for the treatment of infectious mastitis. <b>2016</b> , 7, 305-18         | 21  |
| 478 | The human milk microbiome and factors influencing its composition and activity. <b>2016</b> , 21, 400-405  | 129 |
| 477 | The role of the gut microbiota in NAFLD. <b>2016</b> , 13, 412-25  | 459 |

|     |   |        |
|-----|---|--------|
| 476 | New insights into therapeutic strategies for gut microbiota modulation in inflammatory diseases. <b>2016</b> , 5, e87   | 64     |
| 475 | Evaluation of technological properties of <i>Enterococcus faecium</i> CECT 8849, a strain isolated from human milk, for the dairy industry. <b>2016</b> , 100, 7665-77                                    | 8      |
| 474 | Fostering of advanced mutualism with gut microbiota by Immunoglobulin A. <b>2016</b> , 270, 20-31   | 57     |
| 473 | Early Gut Colonization of Preterm Infants: Effect of Enteral Feeding Tubes. <b>2016</b> , 62, 893-900   | 18     |
| 472 | Assessment and comparison of probiotic potential of four <i>Lactobacillus</i> species isolated from feces samples of Iranian infants. <b>2016</b> , 60, 73-81   | 8      |
| 471 | Bacterial microbiome of breast milk and child saliva from low-income Mexican-American women and children. <b>2016</b> , 79, 846-54  | 41     |
| 470 | Human Milk Bacterial and Glycosylation Patterns Differ by Delivery Mode. <b>2016</b> , 23, 902-7  | 22     |
| 469 | Building a Beneficial Microbiome from Birth. <b>2016</b> , 7, 323-30  | 50     |
| 468 | Reisolation of <i>Staphylococcus aureus</i> from bovine milk following experimental inoculation is influenced by fat percentage and specific immunoglobulin G1 titer in milk. <b>2016</b> , 99, 4259-4269 | 10     |
| 467 | Use of probiotics and prebiotics in infant feeding. <b>2016</b> , 30, 39-48   | 58     |
| 466 | Probiotics in early life: a preventative and treatment approach. <b>2016</b> , 7, 1752-68   | 29     |
| 465 | Periodontal Disease and Breast Cancer: Prospective Cohort Study of Postmenopausal Women. <b>2016</b> , 25, 43-50  | 44     |
| 464 | Prevention of Infectious Mastitis by Oral Administration of <i>Lactobacillus salivarius</i> PS2 During Late Pregnancy. <b>2016</b> , 62, 568-573  | 88     |
| 463 | Culture-dependent assessment of bacterial diversity from human milk with lactational mastitis. <b>2016</b> , 25, 437-443  | 10     |
| 462 | Probiotics and Synbiotics in Lactating Mothers. <b>2016</b> , 435-447   |        |
| 461 | Maternal use of probiotics during pregnancy and effects on their offspring's health in an unselected population. <i>European Journal of Pediatrics</i> , <b>2016</b> , 175, 229-35                        | 4.1 12 |
| 460 | Minimally Invasive Sampling Method Identifies Differences in Taxonomic Richness of Nasal Microbiomes in Young Infants Associated with Mode of Delivery. <b>2016</b> , 71, 233-42                          | 34     |
| 459 | Gut biogeography of the bacterial microbiota. <b>2016</b> , 14, 20-32   | 1164   |



|     |  |     |     |
|-----|--|-----|-----|
| 458 | Streptococcal Diversity of Human Milk and Comparison of Different Methods for the Taxonomic Identification of Streptococci. <b>2016</b> , 32, NP84-NP94                            |     | 12  |
| 457 | Safety, growth, and support to healthy gut microbiota by an infant formula enriched with functional compounds. <b>2017</b> , 36, 238-245   |     | 11  |
| 456 | Gut microbiota and malnutrition. <b>2017</b> , 106, 127-138  |     | 109 |
| 455 | Early-life adversity and brain development: Is the microbiome a missing piece of the puzzle?. <b>2017</b> , 342, 37-54   |     | 122 |
| 454 | The Composition of Human Milk and Infant Faecal Microbiota Over the First Three Months of Life: A Pilot Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 40597                  | 4-9 | 180 |
| 453 | The role of early life nutrition in the establishment of gastrointestinal microbial composition and function. <b>2017</b> , 8, 143-171   |     | 88  |
| 452 | Impact of Antibiotics on Necrotizing Enterocolitis and Antibiotic-Associated Diarrhea. <b>2017</b> , 46, 61-76   |     | 43  |
| 451 | Gut microbiome-based medical methodologies for early-stage disease prevention. <b>2017</b> , 105, 122-130  |     | 16  |
| 450 | Human intestinal microbiota: Role in development and functioning of the nervous system. <b>2017</b> , 86, 1-18   |     | 26  |
| 449 | Microbial Diversity in Milk of Women With Mastitis: Potential Role of Coagulase-Negative Staphylococci, Viridans Group Streptococci, and Corynebacteria. <b>2017</b> , 33, 309-318 |     | 32  |
| 448 | The microbiome of bulk tank milk: Characterization and associations with somatic cell count and bacterial count. <b>2017</b> , 100, 2536-2552                                      |     | 30  |
| 447 | Unique Bacteria Community Composition and Co-occurrence in the Milk of Different Ruminants. <i>Scientific Reports</i> , <b>2017</b> , 7, 40950                                     | 4-9 | 21  |
| 446 | Antibacterial effects of Lactobacillus isolates of curd and human milk origin against food-borne and human pathogens. <b>2017</b> , 7, 31  |     | 29  |
| 445 | Pre-natal and post-natal environment monitoring to prevent non-alcoholic fatty liver disease development. <b>2017</b> , 67, 451-453  |     | 7   |
| 444 | The Human Gut Microbiome in Liver Diseases. <b>2017</b> , 37, 128-140  |     | 22  |
| 443 | Transmission of the gut microbiota: spreading of health. <b>2017</b> , 15, 531-543   |     | 99  |
| 442 | Early-life nutritional exposures and lifelong health: immediate and long-lasting impacts of probiotics, vitamin D, and breastfeeding. <b>2017</b> , 75, 83-97                      |     | 20  |
| 441 | Relationships Among Microbial Communities, Maternal Cells, Oligosaccharides, and Macronutrients in Human Milk. <b>2017</b> , 33, 540-551   |     | 32  |

|     |  |     |     |
|-----|--|-----|-----|
| 440 | Spray-drying process preserves the protective capacity of a breast milk-derived Bifidobacterium lactis strain on acute and chronic colitis in mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 43211 | 4.9 | 22  |
| 439 | Reproductive Microbiomes: A New Thread in the Microbial Network. <b>2017</b> , 24, 1482-1492   |     | 33  |
| 438 | Breast Milk Transforming Growth Factor $\beta$ s Associated With Neonatal Gut Microbial Composition. <b>2017</b> , 65, e60-e67   |     | 31  |
| 437 | Human milk microbiome in urban and rural populations of India. <b>2017</b> , 13, 13-22   |     | 14  |
| 436 | Differential Establishment of Bifidobacteria in the Breastfed Infant Gut. <b>2017</b> , 88, 149-159  |     | 31  |
| 435 | Probiotics and antimicrobial protein and peptide levels in preterm infants. <b>2017</b> , 106, 1747-1753   |     | 6   |
| 434 | Planting the seed: Origins, composition, and postnatal health significance of the fetal gastrointestinal microbiota. <b>2017</b> , 43, 352-369   |     | 89  |
| 433 | Got bacteria? The astounding, yet not-so-surprising, microbiome of human milk. <b>2017</b> , 44, 63-68   |     | 65  |
| 432 | Microbiota network and mathematic microbe mutualism in colostrum and mature milk collected in two different geographic areas: Italy versus Burundi. <b>2017</b> , 11, 875-884                          |     | 53  |
| 431 | A bacteriophages journey through the human body. <b>2017</b> , 279, 106-122  |     | 108 |
| 430 | Culture independent assessment of human milk microbial community in lactational mastitis. <i>Scientific Reports</i> , <b>2017</b> , 7, 7804  | 4.9 | 79  |
| 429 | Human Milk Microbiome: A Perspective to Healthy and Infected Individuals. <b>2017</b> , 83-103   |     |     |
| 428 | The Omics Era and Host Microbiomes. <b>2017</b> , 3-12   |     | 1   |
| 427 | Mikrobiom: Worauf Sie bei Ihren Patienten achten sollten. <b>2017</b> , 18, 36-39  |     |     |
| 426 | Vertically and horizontally transmitted microbial symbionts shape the gut microbiota ontogenesis of a skin-mucus feeding discus fish progeny. <i>Scientific Reports</i> , <b>2017</b> , 7, 5263        | 4.9 | 35  |
| 425 | Human milk oligosaccharide consumption by probiotic and human-associated bifidobacteria and lactobacilli. <b>2017</b> , 100, 7825-7833   |     | 89  |
| 424 | Our Gut Microbiome: The Evolving Inner Self. <b>2017</b> , 171, 1481-1493  |     | 294 |
| 423 | Development of Microbiota in Infants and its Role in Maturation of Gut Mucosa and Immune System. <b>2017</b> , 48, 666-680   |     | 36  |

|     |  |      |     |
|-----|--|------|-----|
| 422 | Bacteriophage Transcytosis Provides a Mechanism To Cross Epithelial Cell Layers. <b>2017</b> , 8,  |      | 155 |
| 421 | Microbiota of the Human Gut. <b>2017</b> , 1-15  |      |     |
| 420 | The First Microbial Colonizers of the Human Gut: Composition, Activities, and Health Implications of the Infant Gut Microbiota. <b>2017</b> , 81,                  |      | 626 |
| 419 | Maternal inheritance of bifidobacterial communities and bifidophages in infants through vertical transmission. <i>Microbiome</i> , <b>2017</b> , 5, 66             | 16.6 | 163 |
| 418 | Feeding the microbiota: transducer of nutrient signals for the host. <b>2017</b> , 66, 1709-1717   |      | 102 |
| 417 | The effect of UV-C irradiation on lipids and selected biologically active compounds in human milk. <b>2017</b> , 66, 42-48   |      | 12  |
| 416 | Probiotics During the Perinatal Period: Impact on the Health of Mothers and Infants. <b>2017</b> , 429-459   |      | 2   |
| 415 | Systematic Review of the Human Milk Microbiota. <b>2017</b> , 32, 354-364  |      | 125 |
| 414 | Evolving Ecosystems: Inheritance and Selection in the Light of the Microbiome. <b>2017</b> , 48, 780-789   |      | 10  |
| 413 | The microbiota-gut-brain axis as a key regulator of neural function and the stress response: Implications for human and animal health. <b>2017</b> , 95, 3225-3246 |      | 55  |
| 412 | Impactos da microbiota intestinal na saúde do lactente e da criança em curto e longo prazo. <b>2017</b> , 10, S335-S342  |      | 0   |
| 411 | Chapter 5 Early diet and the infant gut microbiome: how breastfeeding and solid foods shape the microbiome. <b>2017</b> , 105-118                                  |      | 3   |
| 410 | Diet Hypotheses in Light of the Microbiota Revolution: New Perspectives. <i>Nutrients</i> , <b>2017</b> , 9,   | 6.7  | 18  |
| 409 | "Omics" in Human Colostrum and Mature Milk: Looking to Old Data with New Eyes. <i>Nutrients</i> , <b>2017</b> , 9,   | 6.7  | 44  |
| 408 | Microbiota of the Gastrointestinal Tract in Infancy. <b>2017</b> , 27-35   |      | 2   |
| 407 | Innate Immunity and Breast Milk. <b>2017</b> , 8, 584  |      | 175 |
| 406 | What's Normal? Immune Profiling of Human Milk from Healthy Women Living in Different Geographical and Socioeconomic Settings. <b>2017</b> , 8, 696                 |      | 58  |
| 405 | Identification of Emerging Human Mastitis Pathogens by MALDI-TOF and Assessment of Their Antibiotic Resistance Patterns. <b>2017</b> , 8, 1258                     |      | 35  |

|     |  |      |    |
|-----|--|------|----|
| 404 | Role of the Human Breast Milk-Associated Microbiota on the Newborns' Immune System: A Mini Review. <b>2017</b> , 8, 2100   |      | 63 |
| 403 | Microbial Therapeutics Designed for Infant Health. <b>2017</b> , 4, 48   |      | 12 |
| 402 | Recent findings within the microbiota&ndash;gut&ndash;brain&ndash;endocrine metabolic interactome. <b>2017</b> , Volume 9, 21-30   |      | 16 |
| 401 | Impact of delivery mode on the colostrum microbiota composition. <b>2017</b> , 17, 205   |      | 61 |
| 400 | Normal milk microbiome is reestablished following experimental infection with Escherichia coli independent of intramammary antibiotic treatment with a third-generation cephalosporin in bovines. <i>Microbiome</i> , <b>2017</b> , 5, 74  | 16.6 | 34 |
| 399 | Probiotic Potential of Lactic Acid Bacteria Ch-2 Isolated from Chuli Characterization of Potential Probiotic Lactic Acid Bacteria- Pediococcus acidilactici Ch-2 Isolated from Chuli- A Traditional Apricot Product of Himalayan Region for the Production of Novel Bioactive Compounds with Special Therapeutic Properties. <b>2017</b> , 02, |      | 11 |
| 398 | From the Human Milk Microbiota to the Human Milk Metagenome: Evolution of Methods to Study Human Milk Microbial Communities. <b>2017</b> , 315-328   |      | 1  |
| 397 | Infectious Mastitis During Lactation. <b>2017</b> , 401-428  |      | 8  |
| 396 | Lactic Acid Bacteria and Fermentation of Cereals and Pseudocereals. <b>2017</b> ,  |      | 7  |
| 395 | Maternal Factors Related to Variability in the Human Milk Microbiome. <b>2017</b> , 329-348  |      | 2  |
| 394 | The Origin of Human Milk Bacteria. <b>2017</b> , 349-364   |      | 4  |
| 393 | Public health risks and benefits associated with breast milk and infant formula consumption. <b>2018</b> , 58, 126-145   |      | 17 |
| 392 | Profiles of commensal and opportunistic bacteria in human milk from healthy donors in Taiwan. <b>2018</b> , 26, 1235-1244  |      | 33 |
| 391 | Milk as a Natural Product: Foreign Natural and Anthropogenic Organic Compounds in It. <b>2018</b> , 56, 335-435  |      | 0  |
| 390 | Gut microbiota and probiotics intervention: A potential therapeutic target for management of cardiometabolic disorders and chronic kidney disease?. <i>Pharmacological Research</i> , <b>2018</b> , 130, 152-163   | 10.2 | 46 |
| 389 | The microbiology and treatment of human mastitis. <b>2018</b> , 207, 83-94   |      | 49 |
| 388 | Isolation, Cultivation, and Storage of Bifidobacteria. <b>2018</b> , 67-98   |      | 1  |
| 387 | Development of immune and microbial environments is independently regulated in the mammary gland. <b>2018</b> , 11, 643-653  |      | 15 |

|     |   |      |     |
|-----|---|------|-----|
| 386 | The hologenome concept of evolution after 10 years. <i>Microbiome</i> , <b>2018</b> , 6, 78   | 16.6 | 176 |
| 385 | Social networks, cooperative breeding, and the human milk microbiome. <b>2018</b> , 30, e23131  |      | 34  |
| 384 | Fecal Microbiota Transplantation in Gestating Sows and Neonatal Offspring Alters Lifetime Intestinal Microbiota and Growth in Offspring. <b>2018</b> , 3,   |      | 36  |
| 383 | Reducing the maternal dietary intake of indigestible and slowly absorbed short-chain carbohydrates is associated with improved infantile colic: a proof-of-concept study. <b>2018</b> , 31, 256-265   |      | 10  |
| 382 | Breastfeeding and autoimmunity: Programming health from the beginning. <b>2018</b> , 79, e12778   |      | 45  |
| 381 | Glycan Utilization and Cross-Feeding Activities by Bifidobacteria. <b>2018</b> , 26, 339-350  |      | 107 |
| 380 | Holobionts as Units of Selection and a Model of Their Population Dynamics and Evolution. <b>2018</b> , 13, 44-65  |      | 89  |
| 379 | Evaluation of nonthermal effects of electricity on inactivation kinetics of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> during ohmic heating of infant formula. <b>2018</b> , 38, e12372 |      | 6   |
| 378 | In vitro fermentation of beta-glucans and other selected carbohydrates by infant fecal inoculum: An evaluation of their potential as prebiotics in infant formula. <b>2018</b> , 14, 20-24            |      | 18  |
| 377 | Rationale of Probiotic Supplementation during Pregnancy and Neonatal Period. <i>Nutrients</i> , <b>2018</b> , 10,   | 6.7  | 29  |
| 376 | Strategies for the Preservation, Restoration and Modulation of the Human Milk Microbiota. Implications for Human Milk Banks and Neonatal Intensive Care Units. <b>2018</b> , 9, 2676                  |      | 18  |
| 375 | Characterization of human breast tissue microbiota from core needle biopsies through the analysis of multi hypervariable 16S-rRNA gene regions. <i>Scientific Reports</i> , <b>2018</b> , 8, 16893    | 4.9  | 39  |
| 374 | Therapeutic Microbiology: The Role of as Food Supplement for the Prevention/Treatment of Paediatric Diseases. <i>Nutrients</i> , <b>2018</b> , 10,  | 6.7  | 36  |
| 373 | Modeling the Role of the Microbiome in Evolution. <b>2018</b> , 9, 1836   |      | 16  |
| 372 | Inherited nongenetic influences on the gut microbiome and immune system. <b>2018</b> , 110, 1494-1503   |      | 4   |
| 371 | Discovery and Quantification of Nonhuman Proteins in Human Milk. <b>2019</b> , 18, 225-238  |      | 16  |
| 370 | Diabetes progression and alterations in gut bacterial translocation: prevention by diet supplementation with human milk in NOD mice. <b>2018</b> , 62, 108-122  |      | 10  |
| 369 | Methods and Strategies to Examine the Human Breastmilk Microbiome. <b>2018</b> , 1849, 63-86  |      | 13  |

|     |   |     |     |
|-----|---|-----|-----|
| 368 | Microbial Community Dynamics in Mother's Milk and Infant's Mouth and Gut in Moderately Preterm Infants. <b>2018</b> , 9, 2512   |     | 31  |
| 367 | Invited review: Microbiota of the bovine udder: Contributing factors and potential implications for udder health and mastitis susceptibility. <b>2018</b> , 101, 10605-10625  |     | 76  |
| 366 | Lifestyle Factors Affecting the Gut Microbiota's Relationship with Type 1 Diabetes. <b>2018</b> , 18, 111   |     | 5   |
| 365 | Randomised clinical trial: reducing the intake of dietary FODMAPs of breastfeeding mothers is associated with a greater improvement of the symptoms of infantile colic than for a typical diet. <b>2018</b> , 48, 1061-1073 |     | 15  |
| 364 | Food-Origin Lactic Acid Bacteria May Exhibit Probiotic Properties: Review. <b>2018</b> , 2018, 5063185  |     | 67  |
| 363 | Recent progress of porcine milk components and mammary gland function. <b>2018</b> , 9, 77  |     | 34  |
| 362 | Supplementation of fructooligosaccharides to suckling piglets affects intestinal microbiota colonization and immune development. <b>2018</b> , 96, 2139-2153  |     | 33  |
| 361 | The Prebiotic and Probiotic Properties of Human Milk: Implications for Infant Immune Development and Pediatric Asthma. <i>Frontiers in Pediatrics</i> , <b>2018</b> , 6, 197  | 3-4 | 52  |
| 360 | Mother's Milk: A Purposeful Contribution to the Development of the Infant Microbiota and Immunity. <b>2018</b> , 9, 361   |     | 195 |
| 359 | Lactation Stage-Dependency of the Sow Milk Microbiota. <b>2018</b> , 9, 945   |     | 28  |
| 358 | Physiological Translocation of Lactic Acid Bacteria during Pregnancy Contributes to the Composition of the Milk Microbiota in Mice. <i>Nutrients</i> , <b>2017</b> , 10,  | 6.7 | 40  |
| 357 | Lactic Acid Bacteria From Nature Through Food to Health. <b>2018</b> , 91-133   |     | 6   |
| 356 | Gut Microbiota and Mucosal Immunity in the Neonate. <b>2018</b> , 6,  |     | 39  |
| 355 | Protective effects of breastfeeding on respiratory symptoms in infants with 17q21 asthma risk variants. <b>2018</b> , 73, 2388-2392   |     | 9   |
| 354 | Gastrointestinal microbiota and mucosal immune gene expression in neonatal pigs reared in a cross-fostering model. <b>2018</b> , 121, 27-39   |     | 14  |
| 353 | Unmet needs in pediatric NAFLD research: what do we need to prioritize for the future?. <b>2018</b> , 12, 961-967   |     | 8   |
| 352 | Exploring the Spatial-Temporal Microbiota of Compound Stomachs in a Pre-weaned Goat Model. <b>2018</b> , 9, 1846  |     | 23  |
| 351 | Human Milk Oligosaccharides and Immune System Development. <i>Nutrients</i> , <b>2018</b> , 10,   | 6.7 | 101 |

|     |  |      |     |
|-----|--|------|-----|
| 350 | Immunologically Active Components in Human Milk and Development of Atopic Disease, With Emphasis on Food Allergy, in the Pediatric Population. <i>Frontiers in Pediatrics</i> , <b>2018</b> , 6, 218   | 3.4  | 29  |
| 349 | Human Breast Milk: Exploring the Linking Ring Among Emerging Components. <i>Frontiers in Pediatrics</i> , <b>2018</b> , 6, 215   | 3.4  | 20  |
| 348 | Enzymatic Synthesis of Human Milk Fucosides $\alpha$ -2-Fucosyl para-Lacto-N-Hexaose and its Isomeric Derivatives. <b>2018</b> , 360, 3213-3219  |      | 15  |
| 347 | Oral microbiome development during childhood: an ecological succession influenced by postnatal factors and associated with tooth decay. <b>2018</b> , 12, 2292-2306  |      | 104 |
| 346 | Actinobacteria from Rhizosphere. <b>2018</b> , 13-41   |      | 64  |
| 345 | In vivo endogenous proteolysis yielding beta-casein derived bioactive beta-casomorphin peptides in human breast milk for infant nutrition. <b>2019</b> , 57, 259-267   |      | 13  |
| 344 | colonization in preterm neonates during their neonatal intensive care unit stay. <b>2019</b> , 8, 135  |      | 8   |
| 343 | Population gene introgression and high genome plasticity for the zoonotic pathogen <i>Streptococcus agalactiae</i> . <b>2019</b> ,   |      | 19  |
| 342 | Unfolding the Human Milk Microbiome Landscape in the Omics Era. <b>2019</b> , 10, 1378   |      | 36  |
| 341 | Mining Human Microbiome for Therapeutics. <b>2019</b> , 573-613  |      |     |
| 340 | The human gallbladder microbiome is related to the physiological state and the biliary metabolic profile. <i>Microbiome</i> , <b>2019</b> , 7, 100   | 16.6 | 42  |
| 339 | Effects of the Ratio of Insoluble Fiber to Soluble Fiber in Gestation Diets on Sow Performance and Offspring Intestinal Development. <b>2019</b> , 9,  |      | 16  |
| 338 | Validation and Application of Biocrates Absolute p180 Targeted Metabolomics Kit Using Human Milk. <i>Nutrients</i> , <b>2019</b> , 11,   | 6.7  | 3   |
| 337 | Liver- and Microbiome-derived Bile Acids Accumulate in Human Breast Tumors and Inhibit Growth and Improve Patient Survival. <b>2019</b> , 25, 5972-5983  |      | 18  |
| 336 | Prophylactic use of probiotics for gastrointestinal disorders in children. <b>2019</b> , 3, 655-662  |      | 18  |
| 335 | Glycerol Monolaurate Contributes to the Antimicrobial and Anti-inflammatory Activity of Human Milk. <i>Scientific Reports</i> , <b>2019</b> , 9, 14550   | 4.9  | 15  |
| 334 | Emerging Frontiers in Microbiome Engineering. <b>2019</b> , 40, 952-973  |      | 25  |
| 333 | Evaluation of the safety, tolerance and efficacy of 1-year consumption of infant formula supplemented with <i>Lactobacillus fermentum</i> CECT5716 Lc40 or <i>Bifidobacterium breve</i> CECT7263: a randomized controlled trial. <b>2019</b> , 19, 361 |      | 13  |

|     |   |     |    |
|-----|---|-----|----|
| 332 | Characterization of the Cultivable Microbiota in Fresh and Stored Mature Human Breast Milk. <b>2019</b> , 10, 2666  |     | 11 |
| 331 | Human Milk Microbiome and Maternal Postnatal Psychosocial Distress. <b>2019</b> , 10, 2333  |     | 29 |
| 330 | The Human Milk Microbiota is Modulated by Maternal Diet. <i>Microorganisms</i> , <b>2019</b> , 7,   | 4.9 | 34 |
| 329 | Metataxonomic and immunological analysis of milk from ewes with or without a history of mastitis. <b>2019</b> , 102, 9298-9311  |     | 8  |
| 328 | Effect of the Nursing Mother on the Gut Microbiome of the Offspring During Early Mouse Development. <b>2019</b> , 78, 517-527   |     | 8  |
| 327 | A reply to the comment on "control of bovine mastitis in the 21st century: Immunize or tolerize?" by Fernando N. Souza and co-workers. <b>2019</b> , 126, 1-3               |     |    |
| 326 | Early life determinants induce sustainable changes in the gut microbiome of six-year-old children. <i>Scientific Reports</i> , <b>2019</b> , 9, 12675                       | 4.9 | 16 |
| 325 | Extracellular vesicles in host-pathogen interactions and immune regulation - exosomes as emerging actors in the immunological theater of pregnancy. <b>2019</b> , 5, e02355 |     | 26 |
| 324 | Maternal Dietary Protein Intake Influences Milk and Offspring Gut Microbial Diversity in a Rat () Model. <i>Nutrients</i> , <b>2019</b> , 11,                               | 6.7 | 4  |
| 323 | The Cattle Microbiota and the Immune System: An Evolving Field. <b>2019</b> , 35, 485-505   |     | 15 |
| 322 | <i>Tuber indicum</i> polysaccharide relieves fatigue by regulating gut microbiota in mice. <b>2019</b> , 63, 103580   |     | 15 |
| 321 | Research Progress of Relationship between Intestinal Flora and Allergic Diseases. <b>2019</b> , 78, 01008   |     | 2  |
| 320 | Testing the feasibility and safety of feeding preterm infants fresh mother's own milk in the NICU: A pilot study. <i>Scientific Reports</i> , <b>2019</b> , 9, 941          | 4.9 | 13 |
| 319 | Trait-based community assembly and succession of the infant gut microbiome. <b>2019</b> , 10, 512   |     | 46 |
| 318 | Influence of maternal microbiota during pregnancy on infant immunity. <b>2019</b> , 198, 47-56  |     | 37 |
| 317 | Nutraceuticals in Mastitis. <b>2019</b> , 569-585   |     |    |
| 316 | Current Trends in Research on Human Milk Exchange for Infant Feeding. <b>2019</b> , 35, 453-477   |     | 8  |
| 315 | <i>Bifidobacterium dentium</i> Fortifies the Intestinal Mucus Layer via Autophagy and Calcium Signaling Pathways. <b>2019</b> , 10,   |     | 70 |



|     |   |        |
|-----|---|--------|
| 314 | Diversity and temporal dynamics of primate milk microbiomes. <b>2019</b> , 81, e22994   | 9      |
| 313 | The Rise and Fall of Antibiotics in Aquaculture. <b>2019</b> , 1-19   | 5      |
| 312 | Influence of a <i>Serratia marcescens</i> outbreak on the gut microbiota establishment process in low-weight preterm neonates. <b>2019</b> , 14, e0216581                     | 4      |
| 311 | Microbiota of human precolostrum and its potential role as a source of bacteria to the infant mouth. <i>Scientific Reports</i> , <b>2019</b> , 9, 8435                        | 4.9 28 |
| 310 | Reviewing the evidence on breast milk composition and immunological outcomes. <b>2019</b> ,   | 34     |
| 309 | Composition and stability of the vervet monkey milk microbiome. <b>2019</b> , 81, e22982  | 3      |
| 308 | Characterization of MP01 and MP02 and Assessment of Their Potential for the Prevention of Gastrointestinal Infections in an Experimental Canine Model. <b>2019</b> , 10, 1117 | 6      |
| 307 | Absolute quantification of twelve oligosaccharides in human milk using a targeted mass spectrometry-based approach. <b>2019</b> , 219, 328-333                                | 17     |
| 306 | Glutamatergic Signaling Along The Microbiota-Gut-Brain Axis. <b>2019</b> , 20,  | 81     |
| 305 | Microbes and the Mind: How Bacteria Shape Affect, Neurological Processes, Cognition, Social Relationships, Development, and Pathology. <b>2019</b> , 14, 397-418              | 17     |
| 304 | Enterotoxin Production in Raw and Pasteurized Milk: The Effect of Selected Different Storage Durations and Temperatures. <b>2019</b> , 14, 256-261                            | 8      |
| 303 | Birth Mode, Breastfeeding, Pet Exposure, and Antibiotic Use: Associations With the Gut Microbiome and Sensitization in Children. <b>2019</b> , 19, 22                         | 54     |
| 302 | Breastfeeding and Autoimmunity: A Lesson for Life. <b>2019</b> , 279-287  |        |
| 301 | What's Normal? Microbiomes in Human Milk and Infant Feces Are Related to Each Other but Vary Geographically: The INSPIRE Study. <b>2019</b> , 6, 45                           | 84     |
| 300 | Innate immunity and oral microbiome: a personalized, predictive, and preventive approach to the management of oral diseases. <b>2019</b> , 10, 43-50                          | 22     |
| 299 | Shaping the Gut Microbiota by Breastfeeding: The Gateway to Allergy Prevention?. <i>Frontiers in Pediatrics</i> , <b>2019</b> , 7, 47   | 3.4 96 |
| 298 | Probiotic characteristics of bacteriocin-producing <i>Enterococcus faecium</i> strains isolated from human milk and colostrum. <b>2019</b> , 64, 735-750                      | 17     |
| 297 | Maternal antibiotic prophylaxis affects <i>Bifidobacterium</i> spp. counts in the human milk, during the first week after delivery. <b>2019</b> , 10, 155-163                 | 14     |

|     |  |     |     |
|-----|--|-----|-----|
| 296 | Microbiome and Metabolome Analyses of Milk From Dairy Cows With Subclinical Mastitis-Potential Biomarkers. <b>2019</b> , 10, 2547  |     | 17  |
| 295 | Human Milk's Hidden Gift: Implications of the Milk Microbiome for Preterm Infants' Health. <i>Nutrients</i> , <b>2019</b> , 11,  | 6.7 | 18  |
| 294 | Cost-effectiveness analysis of infant feeding modalities for virally suppressed mothers in Canada living with HIV. <b>2019</b> , 98, e15841  |     | 2   |
| 293 | In Vitro Evaluation of Adhesion Capacity, Hydrophobicity, and Auto-Aggregation of Newly Isolated Potential Probiotic Strains. <i>Fermentation</i> , <b>2019</b> , 5, 100   | 4.7 | 36  |
| 292 | Maternal and Breast Milk Influences on the Infant Gut Microbiome, Enteric Health and Growth Outcomes of Rhesus Monkeys. <b>2019</b> , 69, 363-369  |     | 6   |
| 291 | Dietary Factors in the Control of Gut Homeostasis, Intestinal Stem Cells, and Colorectal Cancer. <i>Nutrients</i> , <b>2019</b> , 11,  | 6.7 | 11  |
| 290 | Effects of relaxation therapy on maternal psychological state, infant growth and gut microbiome: protocol for a randomised controlled trial investigating mother-infant signalling during lactation following late preterm and early term delivery. <b>2019</b> , 14, 50 |     | 4   |
| 289 | The Gut Microbiota: A Clinically Impactful Factor in Patient Health and Disease. <b>2019</b> , 1, 188-199  |     | 10  |
| 288 | Safety, functional properties and technological performance in whey-based media of probiotic candidates from human breast milk. <b>2019</b> , 22, 265-277  |     | 3   |
| 287 | Microbiota and Food Allergy. <b>2019</b> , 57, 83-97   |     | 45  |
| 286 | The Human Microbiota and Asthma. <b>2019</b> , 57, 350-363   |     | 39  |
| 285 | The microbiome of <i>Escherichia coli</i> and culture-negative nonsevere clinical mastitis: Characterization and associations with linear score and milk production. <b>2019</b> , 102, 578-594  |     | 6   |
| 284 | Colonization of <i>Cutibacterium avidum</i> during infant gut microbiota establishment. <b>2019</b> , 95,  |     | 8   |
| 283 | Administration of <i>Lactobacillus plantarum</i> Lp62 to dam rats at the end of delivery and during lactation affects TGF- $\beta$ level and nutritional milk composition, and body weight of pups. <b>2019</b> , 58, 1137-1146  |     | 4   |
| 282 | Most commensally bacterial strains in human milk of healthy mothers display multiple antibiotic resistance. <b>2019</b> , 8, e00618  |     | 18  |
| 281 | Prenatal developmental origins of behavior and mental health: The influence of maternal stress in pregnancy. <b>2020</b> , 117, 26-64  |     | 392 |
| 280 | The hologenome concept of evolution: do mothers matter most?. <b>2020</b> , 127, 129-137   |     | 7   |
| 279 | Origins of human milk microbiota: new evidence and arising questions. <b>2020</b> , 12, 1667722  |     | 40  |

|     |   |       |
|-----|---|-------|
| 278 | Culture-dependent and metataxonomic analysis of milk from red deer ( <i>Cervus elaphus</i> ). <b>2020</b> , 102, 104610   | 0     |
| 277 | Biotechnological utilization of animal gut microbiota for valorization of lignocellulosic biomass. <b>2020</b> , 104, 489-508   | 14    |
| 276 | Probiotics and human lactational mastitis: a scoping review protocol. <b>2020</b> , 18, 1341-1348   | 3     |
| 275 | Isolated From Infant Feces Inhibits Toxigenic. <i>Frontiers in Pediatrics</i> , <b>2020</b> , 8, 572633   | 3-4 5 |
| 274 | Dietary fiber and microbiota interaction regulates sow metabolism and reproductive performance. <b>2020</b> , 6, 397-403  | 7     |
| 273 | Autism Spectrum Disorder Associated With Gut Microbiota at Immune, Metabolomic, and Neuroactive Level. <b>2020</b> , 14, 578666   | 25    |
| 272 | Maternal influences on oral and faecal microbiota maturation in neonatal calves in beef and dairy production systems. <b>2020</b> , 2, 31   | 8     |
| 271 | In vitro comparison of biofilm formation and acidogenicity between human breast milk and other milk formulas. <b>2020</b> , 30, 57-63   | 0     |
| 270 | Examining the relationship between maternal body size, gestational glucose tolerance status, mode of delivery and ethnicity on human milk microbiota at three months post-partum. <b>2020</b> , 20, 219       | 7     |
| 269 | Adhesive Bacteria in the Terminal Ileum of Children Correlates With Increasing Th17 Cell Activation. <b>2020</b> , 11, 588560   | 3     |
| 268 | Metabolomic and Metataxonomic Fingerprinting of Human Milk Suggests Compositional Stability over a Natural Term of Breastfeeding to 24 Months. <i>Nutrients</i> , <b>2020</b> , 12,                           | 6-7 5 |
| 267 | Raw milk and fecal microbiota of commercial Alpine dairy cows varies with herd, fat content and diet. <b>2020</b> , 15, e0237262  | 6     |
| 266 | Effects of CECT5716 Lc40 on infant growth and health: a randomised clinical trial in nursing women. <b>2020</b> , 11, 235-244   | 4     |
| 265 | The Infant Gut Microbiota and Risk of Asthma: The Effect of Maternal Nutrition during Pregnancy and Lactation. <i>Microorganisms</i> , <b>2020</b> , 8,   | 4-9 8 |
| 264 | Role of Lactobacillus biofilms in <i>Listeria monocytogenes</i> adhesion to glass surfaces. <b>2020</b> , 334, 108804   | 8     |
| 263 | Dietary Changes Among Breastfeeding Mothers. <b>2021</b> , 37, 566-576  |       |
| 262 | Human milk microbiota in sub-acute lactational mastitis induces inflammation and undergoes changes in composition, diversity and load. <i>Scientific Reports</i> , <b>2020</b> , 10, 18521                    | 4-9 5 |
| 261 | Effect of Sample Collection (Manual Expression vs. Pumping) and Skimming on the Microbial Profile of Human Milk Using Culture Techniques and Metataxonomic Analysis. <i>Microorganisms</i> , <b>2020</b> , 8, | 4-9 6 |

|     |   |     |    |
|-----|---|-----|----|
| 260 | Oral Microbiome in Four Female Centenarians. <b>2020</b> , 10, 5312   |     | 8  |
| 259 | The Composition and Function of Pigeon Milk Microbiota Transmitted From Parent Pigeons to Squabs. <b>2020</b> , 11, 1789  |     | 8  |
| 258 | Gut Microbiome and Its Impact on Health and Diseases. <b>2020</b> ,   |     | 1  |
| 257 | Probiotics: A Dietary Factor to Modulate the Gut Microbiome, Host Immune System, and Gut-Brain Interaction. <i>Microorganisms</i> , <b>2020</b> , 8,  | 4.9 | 22 |
| 256 | Changes in the Bacterial Diversity of Human Milk during Late Lactation Period (Weeks 21 to 48). <b>2020</b> , 9,  |     | 1  |
| 255 | The Role of Innate Immune Response and Microbiome in Resilience of Dairy Cattle to Disease: The Mastitis Model. <b>2020</b> , 10,   |     | 7  |
| 254 | Bacteria in Breast Milk. <i>Nutrients</i> , <b>2020</b> , 12,   | 6.7 | 11 |
| 253 | The Role of Short-Chain Fatty Acids in the Interplay between a Very Low-Calorie Ketogenic Diet and the Infant Gut Microbiota and Its Therapeutic Implications for Reducing Asthma. <b>2020</b> , 21,                                |     | 9  |
| 252 | The Microbiota of the Human Mammary Ecosystem. <b>2020</b> , 10, 586667   |     | 20 |
| 251 | Bacterial Metabolites of Human Gut Microbiota Correlating with Depression. <b>2020</b> , 21,  |     | 27 |
| 250 | Bacteria Residing at Root Canals Can Induce Cell Proliferation and Alter the Mechanical Properties of Gingival and Cancer Cells. <b>2020</b> , 21,  |     | 3  |
| 249 | The microbiota-gut-brain axis: Focus on the fundamental communication pathways. <b>2020</b> , 176, 43-110   |     | 10 |
| 248 | The Immature Gut Barrier and Its Importance in Establishing Immunity in Newborn Mammals. <b>2020</b> , 11, 1153   |     | 53 |
| 247 | Probiotic Potential and Technological Properties of Bacteriocinogenic Subsp. UTNGt28 from a Native Amazonian Fruit as a Yogurt Starter Culture. <i>Microorganisms</i> , <b>2020</b> , 8,  | 4.9 | 7  |
| 246 | Composition and co-occurrence patterns of the microbiota of different niches of the bovine mammary gland: potential associations with mastitis susceptibility, udder inflammation, and teat-end hyperkeratosis. <b>2020</b> , 2, 11 |     | 13 |
| 245 | Profiles of Human Milk Oligosaccharides and Their Relations to the Milk Microbiota of Breastfeeding Mothers in Dubai. <i>Nutrients</i> , <b>2020</b> , 12,  | 6.7 | 8  |
| 244 | <i>Pediococcus pentosaceus</i> B49 from human colostrum ameliorates constipation in mice. <b>2020</b> , 11, 5607-5620   |     | 11 |
| 243 | Maternal and infant factors that shape neonatal gut colonization by bacteria. <b>2020</b> , 14, 651-664   |     | 4  |

|     |  |     |    |
|-----|--|-----|----|
| 242 | Human milk fungi: environmental determinants and inter-kingdom associations with milk bacteria in the CHILD Cohort Study. <b>2020</b> , 20, 146                                |     | 16 |
| 241 | Diverse Bacteriocins Produced by Strains From the Human Milk Microbiota. <b>2020</b> , 11, 788   |     | 14 |
| 240 | Tryptophan Metabolites Along the Microbiota-Gut-Brain Axis: An Interkingdom Communication System Influencing the Gut in Health and Disease. <b>2020</b> , 13, 1178646920928984 |     | 42 |
| 239 | Human Milk Microbiota: Origin and Potential Uses. <b>2020</b> , 94, 75-85  |     | 8  |
| 238 | Fecal non-aureus Staphylococci are a potential cause of bovine intramammary infection. <b>2020</b> , 51, 32  |     | 5  |
| 237 | Characterization of potentially probiotic lactic acid bacteria and bifidobacteria isolated from human colostrum. <b>2020</b> , 103, 4013-4025                                  |     | 30 |
| 236 | Maternal and Perinatal Factors Associated with the Human Milk Microbiome. <b>2020</b> , 4, nzaa027   |     | 25 |
| 235 | Milk Microbiota: What Are We Exactly Talking About?. <b>2020</b> , 11, 60  |     | 48 |
| 234 | CECT5716 Supplementation in Rats during Pregnancy and Lactation Impacts Maternal and Offspring Lipid Profile, Immune System and Microbiota. <b>2020</b> , 9,                   |     | 11 |
| 233 | Microbiological and Immunological Markers in Milk and Infant Feces for Common Gastrointestinal Disorders: A Pilot Study. <i>Nutrients</i> , <b>2020</b> , 12,                  | 6.7 | 11 |
| 232 | Microbial quantitation of colostrum from healthy breastfeeding women and milk from mastitis patients. <b>2020</b> , 9, 1666-1680   |     | 2  |
| 231 | The influence of the gastrointestinal microbiome on infant colic. <b>2020</b> , 14, 919-932  |     | 5  |
| 230 | Carbon dioxide as a novel indicator for bacterial growth in milk. <b>2020</b> , 40, e12780   |     | 0  |
| 229 | Bioactive Factors in Human Breast Milk Attenuate Intestinal Inflammation during Early Life. <i>Nutrients</i> , <b>2020</b> , 12,   | 6.7 | 33 |
| 228 | Mechanistic insights into the action of probiotics against bacterial vaginosis and its mediated preterm birth: An overview. <b>2020</b> , 141, 104029                          |     | 16 |
| 227 | Staphylococcus epidermidis in feedings and feces of preterm neonates. <b>2020</b> , 15, e0227823   |     | 5  |
| 226 | Breast Milk, a Source of Beneficial Microbes and Associated Benefits for Infant Health. <i>Nutrients</i> , <b>2020</b> , 12,   | 6.7 | 94 |
| 225 | Early-Life Gut Microbiome-The Importance of Maternal and Infant Factors in Its Establishment. <b>2020</b> , 35, 386-405  |     | 24 |

|     |  |    |
|-----|--|----|
| 224 | More than sugar in the milk: human milk oligosaccharides as essential bioactive molecules in breast milk and current insight in beneficial effects. <b>2021</b> , 61, 1184-1200  | 31 |
| 223 | Does the contribution of human milk oligosaccharides to the beneficial effects of breast milk allow us to hope for an improvement in infant formulas?. <b>2021</b> , 61, 1503-1514   | 8  |
| 222 | Severe Lactational Mastitis With Complicated Wound Infection Caused by. <b>2021</b> , 37, 200-206  |    |
| 221 | Maternal Risk Factors for Lactation Mastitis: A Meta-analysis. <b>2021</b> , 43, 698-708   | 3  |
| 220 | Maternal Diet and Infant Feeding Practices Are Associated with Variation in the Human Milk Microbiota at 3 Months Postpartum in a Cohort of Women with High Rates of Gestational Glucose Intolerance. <b>2021</b> , 151, 320-329 | 10 |
| 219 | Fungal Infections of Human Mammary Gland During Lactation. <b>2021</b> , 730-735   |    |
| 218 | Impacts of ceftriaxone exposure during pregnancy on maternal gut and placental microbiota and its influence on maternal and offspring immunity in mice. <b>2021</b> , 70, 203-217  | 0  |
| 217 | Clinical Connections Between the Microbiota and Breast Cancer (Onset, Progression and Management). <b>2021</b> ,   |    |
| 216 | Microbial Diversity and Classification. <b>2021</b> ,  |    |
| 215 | Transmission of Hologenomes Between Generations: Mothers Matter Most. <b>2021</b> , 161-194  |    |
| 214 | Oral administration of promotes antitumor efficacy via dendritic cells-derived interleukin 12. <b>2021</b> , 10, 1868122   | 4  |
| 213 | Prospective One Health genetic surveillance in Vietnam identifies distinct bla-harboring Escherichia coli in food-chain and human-derived samples. <b>2021</b> , 27, 1515.e1-1515.e8   | 9  |
| 212 | Genome Sequence of Bifidobacterium breve INIA P734 (CECT 8178), a Strain Isolated from Human Breast Milk. <b>2021</b> , 10,  | 2  |
| 211 | Human Milk Oligosaccharides and Microbiome Homeostasis. <b>2021</b> , 372-388  |    |
| 210 | Identification and evaluation of antimicrobial resistance of enterococci isolated from raw ewes' and cows' milk collected in western Sicily: a preliminary investigation. <b>2020</b> , 9, 8406                                  | 2  |
| 209 | The "weanling's dilemma" revisited: Evolving bodies of evidence and the problem of infant paleodietary interpretation. <b>2021</b> , 175 Suppl 72, 57-78   | 2  |
| 208 | Encyclopedia of Evolutionary Psychological Science. <b>2021</b> , 783-785  |    |
| 207 | The Gut Microbiota, Nutrition, and Long-Term Disease Risk: A Mother and Child Perspective. <b>2021</b> ,   | 0  |

|     |  |     |    |
|-----|--|-----|----|
| 206 | Safety issues of raw milk: evaluation of bacteriological and physicochemical characteristics of human milk from a bank in a teaching hospital, focusing on Staphylococcus species. <b>2021</b> , 63, e54 |     | 1  |
| 205 | Can we modulate the breastfed infant gut microbiota through maternal diet?. <b>2021</b> , 45,  |     | 9  |
| 204 | Distinct Changes Occur in the Human Breast Milk Microbiome Between Early and Established Lactation in Breastfeeding Guatemalan Mothers. <b>2021</b> , 12, 557180   |     | 7  |
| 203 | Breast milk urea as a nitrogen source for urease positive Bifidobacterium infantis. <b>2021</b> , 97,  |     | 1  |
| 202 | Multipathogen Analysis of IgA and IgG Antigen Specificity for Selected Pathogens in Milk Produced by Women From Diverse Geographical Regions: The INSPIRE Study. <b>2020</b> , 11, 614372                |     | 3  |
| 201 | The Gut-Breast Axis: Programming Health for Life. <i>Nutrients</i> , <b>2021</b> , 13,   | 6.7 | 14 |
| 200 | Probiotic Activity and Antibiotic Sensitivity of Lactic Acid Bacteria Isolated from Healthy Breastfed Newborn Baby Feces. <b>2021</b> , 1071, 012015   |     |    |
| 199 | The Triad Mother-Breast Milk-Infant as Predictor of Future Health: A Narrative Review. <i>Nutrients</i> , <b>2021</b> , 13,  | 6.7 | 10 |
| 198 | Role of Human Milk Bioactives on Infants' Gut and Immune Health. <b>2021</b> , 12, 604080  |     | 28 |
| 197 | Impact of Maternal Nutritional Supplementation during Pregnancy and Lactation on the Infant Gut or Breastmilk Microbiota: A Systematic Review. <i>Nutrients</i> , <b>2021</b> , 13,                      | 6.7 | 5  |
| 196 | Isolation of Novel Strains of Lactobacillus gasseri EJM and Bifidobacterium breve JTL from Breast Milk and Infant Feces: A Longitudinal Study of a Mother-infant Pair. <b>2021</b> , 49, 1-8             |     | 0  |
| 195 | Outcomes improved with human milk intake in preterm and full-term infants. <b>2021</b> , 45, 151384  |     | 4  |
| 194 | Comparison of Two Approaches for the Metataxonomic Analysis of the Human Milk Microbiome. <b>2021</b> , 11, 622550   |     | 3  |
| 193 | Role of the Intestinal Microbiome, Intestinal Barrier and Psychobiotics in Depression. <i>Nutrients</i> , <b>2021</b> , 13,  | 6.7 | 14 |
| 192 | Comparative genomics of the gut commensal Bifidobacterium bifidum reveals adaptation to carbohydrate utilization. <b>2021</b> , 547, 155-161   |     | 3  |
| 191 | The Association Between Intestinal Bacteria and Allergic Diseases-Cause or Consequence?. <b>2021</b> , 11, 650893  |     | 9  |
| 190 | Frozen Mother's Own Milk Can Be Used Effectively to Personalize Donor Human Milk. <b>2021</b> , 12, 656889   |     | 1  |
| 189 | Breastmilk, Stool, and Meconium: Bacterial Communities in South Africa. <b>2021</b> , 1  |     | 1  |

|     |  |     |   |
|-----|--|-----|---|
| 188 | Genome Characterization of Strain UTNGt2 Originated from (White Cacao) of Ecuadorian Amazon: Antimicrobial Peptides from Safety to Potential Applications. <b>2021</b> , 10,         |     | 8 |
| 187 | Human Milk Microbiota in an Indigenous Population Is Associated with Maternal Factors, Stage of Lactation, and Breastfeeding Practices. <b>2021</b> , 5, nzab013                     |     | 1 |
| 186 | Breast milk flora plays an important role in infantile eczema: cohort study in Northeast China. <b>2021</b> , 131, 2981-2993   |     | 0 |
| 185 | Comparative Analysis of Milk Microbiomes and Their Association with Bovine Mastitis in Two Farms in Central Russia. <b>2021</b> , 11,  |     | 0 |
| 184 | Early life gut microbiome dynamics mediate maternal effects on infant growth in vervet monkeys.  |     |   |
| 183 | Early-life gut microbiota development from maternal vertical transmission. <b>2021</b> , 1, 79-82  |     | 1 |
| 182 | Association and Occurrence of Bifidobacterial Phylotypes Between Breast Milk and Fecal Microbiomes in Mother-Infant Dyads During the First 2 Years of Life. <b>2021</b> , 12, 669442 |     | 3 |
| 181 | Microbiota and Metabolomic Patterns in the Breast Milk of Subjects with Celiac Disease on a Gluten-Free Diet. <i>Nutrients</i> , <b>2021</b> , 13,                                   | 6.7 | 3 |
| 180 | Impact of Type of Parturition on Colostrum Microbiota Composition and Puppy Survival. <b>2021</b> , 11,  |     | 3 |
| 179 | Neonatal Immune System Ontogeny: The Role of Maternal Microbiota and Associated Factors. How Might the Non-Human Primate Model Enlighten the Path?. <b>2021</b> , 9,                 |     | 2 |
| 178 | Early Life Events and Development of Gut Microbiota in Infancy. <b>2021</b> , 78, 3-8  |     | 0 |
| 177 | Family SES Is Associated with the Gut Microbiome in Infants and Children. <i>Microorganisms</i> , <b>2021</b> , 9,   | 4.9 | 5 |
| 176 | An Insight into Probiotics Bio-Route: Translocation from the Mother's Gut to the Mammary Gland. <b>2021</b> , 11, 7247   |     | 4 |
| 175 | Analysis of bovine colostrum microbiota at a dairy farm in Ningxia, China. <b>2021</b> , 119, 104984   |     |   |
| 174 | Crosstalk between sIgA-Coated Bacteria in Infant Gut and Early-Life Health. <b>2021</b> , 29, 725-735  |     | 6 |
| 173 | Effects of a Postbiotic and Prebiotic Mixture on Suckling Rats' Microbiota and Immunity. <i>Nutrients</i> , <b>2021</b> , 13,  | 6.7 | 3 |
| 172 | Pumping supplies alter the microbiome of pumped human milk: An in-home, randomized, crossover trial. <b>2021</b> ,   |     | 3 |
| 171 | Breastfeeding and the Influence of the Breast Milk Microbiota on Infant Health.  |     | 1 |



|     |   |       |
|-----|---|-------|
| 170 | Limosilactobacillus caccae sp. nov., a new bacterial species isolated from the human gut microbiota. <b>2021</b> , 368,                                   | 0     |
| 169 | The Species-Level Composition of the Fecal and Genera in Indonesian Children Differs from That of Their Mothers. <i>Microorganisms</i> , <b>2021</b> , 9, | 4.9 2 |
| 168 | Allergen shedding in human milk: Could it be key for immune system education and allergy prevention?. <b>2021</b> , 148, 679-688                          | 3     |
| 167 | Is the skin microbiota a modifiable risk factor for breast disease?: A systematic review. <b>2021</b> , 59, 279-285                                       | 0     |
| 166 | Pediatric intestinal failure and the microbiome. <b>2021</b> , 45, 151453   | 0     |
| 165 | References. <b>2022</b> , e1-e151   |       |
| 164 | Probiotics: A Mainstream Therapy for the Disease Suppression. <b>2022</b> , 257-257   |       |
| 163 | Comprehensive Analysis of the Effect of Probiotic Intake by the Mother on Human Breast Milk and Infant Fecal Microbiota. <b>2021</b> , 36, e58            | 2     |
| 162 | Emerging frontiers in human milk microbiome research and suggested primers for 16S rRNA gene analysis. <b>2021</b> , 19, 121-133                          | 5     |
| 161 | The Microbiome as an Endocrine Organ. <b>2021</b> ,   |       |
| 160 | Microbes, human milk, and prebiotics. <b>2021</b> , 197-237   | 0     |
| 159 | Microbiome as an Immunological Modifier. <b>2020</b> , 2055, 595-638  | 8     |
| 158 | Baby's First Microbes: The Microbiome of Human Milk. <b>2019</b> , 3-33   | 1     |
| 157 | Microbiotas are Transmitted Between Holobiont Generations. <b>2013</b> , 41-54  | 1     |
| 156 | The Effects of High-Salt Gastric Intake on the Composition of the Intestinal Microbiota in Wistar Rats. <b>2020</b> , 26, e922160                         | 6     |
| 155 | Probiotic mixture VSL#3: An overview of basic and clinical studies in chronic diseases. <b>2020</b> , 8, 1361-1384  | 27    |
| 154 | Microbiota of cow's milk; distinguishing healthy, sub-clinically and clinically diseased quarters. <b>2014</b> , 9, e85904                                | 118   |
| 153 | Colostrum of healthy Slovenian mothers: microbiota composition and bacteriocin gene prevalence. <b>2014</b> , 10, e0123324                                | 20    |

|     |  |       |
|-----|--|-------|
| 152 | Maternal Supplementation with Oligofructose (10%) during Pregnancy and Lactation Leads to Increased Pro-Inflammatory Status of the 21-D-Old Offspring. <b>2015</b> , 10, e0132038                      | 5     |
| 151 | The Nanomechanical Properties of <i>Lactococcus lactis</i> Pili Are Conditioned by the Polymerized Backbone Pilin. <b>2016</b> , 11, e0152053  | 13    |
| 150 | Mastitis Modifies the Biogenic Amines Profile in Human Milk, with Significant Changes in the Presence of Histamine, Putrescine and Spermine. <b>2016</b> , 11, e0162426                                | 9     |
| 149 | Influence of early use of antimicrobial on the health and performance of Holstein calves in the first month of life. <b>2020</b> , 40, 17-28   | 2     |
| 148 | Isolation and Characterization of Lactic Acid Bacteria from Human Milk and Newborn Feces. <b>2016</b> , 10, 2613-2620  | 2     |
| 147 | A GC-MS Based Metabolic Profiling of Probiotic Lactic Acid Bacteria Isolated from Traditional Food Products. <b>2020</b> , 14, 657-672   | 6     |
| 146 | <i>Lactobacillus fermentum</i> CECT5716 supplementation in rats during pregnancy and lactation affects mammary milk composition. <b>2020</b> , 103, 2982-2992  | 7     |
| 145 | The influence of impact delivery mode, lactation time, infant gender, maternal age and rural or urban life on total number of <i>Lactobacillus</i> in breast milk Isfahan - Iran. <b>2015</b> , 4, 141 | 8     |
| 144 | Methicillin-Resistant <i>Staphylococcus epidermidis</i> in Iran: A Systematic Review and Meta-Analysis. <b>2018</b> , 13,  | 6     |
| 143 | Effects of Different Modes of Delivery and Feeding on Intestinal Flora of Newborns and Infants with Different Ages. <b>2019</b> , 29,  | 3     |
| 142 | Influência da microbiota intestinal na síndrome metabólica. 113-138  | 1     |
| 141 | Similarity of salivary microbiome in parents and adult children. <b>2020</b> , 8, e8799  | 5     |
| 140 | Transfer of intestinal bacterial components to mammary secretions in the cow. <b>2015</b> , 3, e888  | 53    |
| 139 | Human milk microbiota associated with early colonization of the neonatal gut in Mexican newborns. <b>2020</b> , 8, e9205   | 16    |
| 138 | The contrasting human gut microbiota in early and late life and implications for host health and disease. <b>2021</b> , 1-22   | 1     |
| 137 | The Role of Short-Chain Fatty Acids in Mediating Very Low-Calorie Ketogenic Diet-Infant Gut Microbiota Relationships and Its Therapeutic Potential in Obesity. <i>Nutrients</i> , <b>2021</b> , 13,    | 6.7 3 |
| 136 | Inoculation of mother's own milk could personalize pasteurized donor human milk used for feeding preterm infants. <b>2021</b> , 19, 420  | 0     |
| 135 | Analysis of Cow-Calf Microbiome Transfer Routes and Microbiome Diversity in the Newborn Holstein Dairy Calf Hindgut. <b>2021</b> , 8, 736270   | 3     |

|     |  |   |
|-----|--|---|
| 134 | Evidence of <i>Lactobacillus reuteri</i> to reduce colic in breastfed babies: Systematic review and meta-analysis. <b>2021</b> , 63, 102781  | 1 |
| 133 | Tassara: Romfítico, burlador y ateo. <b>2012</b> , 74, 429-446   |   |
| 132 | An Overview of Importance of Breastfeeding. <b>2014</b> , 5,   | 2 |
| 131 | An Overview of Importance of Breastfeeding. <b>2014</b> , 4,   | 0 |
| 130 | Breastfeeding Benefits. <b>2016</b> , 1-3  |   |
| 129 | Bibliography. <b>2016</b> , 107-124  |   |
| 128 | Human milk is a source of prebiotics or also probiotics for babies?. <b>2016</b> , 17, 27-31   |   |
| 127 | The Effect of HTST and Holder Pasteurization on Bacterial Agglutination by Breast Milk. <b>2017</b> , 13, 29-36  |   |
| 126 | INDYMO REIKTMINAUJAGIMIUI IR MOTINAI, VEIKSNIAI, TURINTYS TAKOS INDYMUJ. LITERATBROS APVALGA. <b>2017</b> , 22, 281-286  |   |
| 125 | Phenotypic and Genotypic Identification of Bacteria from Women Breast-Milk and the Feces of their Childs in the Western Region of Algeria. <b>2017</b> , 11, 1767-1776                 |   |
| 124 | Intestinal microbiota: updated evidence-based data on the efficacy of <i>Lactobacillus rhamnosus</i> GG and <i>Bifidobacterium longum</i> in pediatric practice. <b>2018</b> , 175-180 | 2 |
| 123 | Mastitis puerperal. <b>2019</b> , 38, 140-146  |   |
| 122 | PECULIARITIES OF ANTIBIOTIC-ASSOCIATED DIARRHEA DEVELOPMENT IN CHILDREN WITH ACUTE RESPIRATORY INFECTIONS. <b>2019</b> , 72, 79-83   |   |
| 121 | Human Milk Microbiota: A Review. <b>2019</b> , 37, 15-26   | 1 |
| 120 | Probiotic Properties and In vitro Biosafety Assessment of Human Breast Milk Isolates. <b>2019</b> , 13, 1121-1134  | 7 |
| 119 | Effect of breast milk microbiome on the health of mothers and newborns. <b>2019</b> , 36-40  | 1 |
| 118 | Minimal Gastrointestinal Disorders in Infants: When It Is Too Early to Treat. <b>2019</b> , 18, 247-256  | 1 |
| 117 | Development of Mucosal Immunity: Functional Interactions with Mucosal Microbiome in Health and Disease. <b>2019</b> , 15, 154-165  | 1 |

|     |  |     |   |
|-----|--|-----|---|
| 116 | Microbial biotechnology for sustainable biomedicine systems: Current research and future challenges. <b>2020</b> , 281-292   |     | 0 |
| 115 | Short- and Long-Term Implications of Human Milk Microbiota on Maternal and Child Health. <b>2021</b> , 22,   |     | 0 |
| 114 | Fibrocystic Breast Disease. <b>2020</b> , 1310-1318.e4   |     |   |
| 113 | Determinants of the Gut Microbiota. <b>2020</b> , 19-62  |     |   |
| 112 | In vivo assessment and characterization of lactic acid bacteria with probiotic profile isolated from human milk powder. <b>2021</b> , 38, 152-160  |     |   |
| 111 | Microbiotas are Transmitted Between Holobiont Generations. <b>2013</b> , 41-54   |     | 1 |
| 110 | Lactobacillus commensals autochthonous to human milk have the hallmarks of potent probiotics. <b>2020</b> , 166, 966-980   |     | 6 |
| 109 | Prenatal versus Postnatal Initial Colonization of Healthy Neonates' Colon Ecosystem by the Enterobacterium Escherichia coli. <b>2021</b> , e0037921  |     | 0 |
| 108 | Aerobic Isolates from Gestational and Non-Gestational Lactating Bitches (). <b>2021</b> , 11,  |     |   |
| 107 | Phenotypic and Molecular Characterization of Commensal, Community-Acquired and Nosocomial spp. <i>Microorganisms</i> , <b>2021</b> , 9,  | 4.9 | 2 |
| 106 | The role of breastfeeding in preventing a global health problem: pediatric obesity. <b>2021</b> , 4, 14  |     | 0 |
| 105 | Trust Your Gut: The Human Gut Microbiome in Health and Disease. <b>2022</b> , 53-96  |     | 0 |
| 104 | Breast Milk: A Meal Worth Having.. <b>2021</b> , 8, 800927   |     | 4 |
| 103 | The Impact of Probiotics, Prebiotics, and Synbiotics during Pregnancy or Lactation on the Intestinal Microbiota of Children Born by Cesarean Section: A Systematic Review.. <i>Nutrients</i> , <b>2022</b> , 14, | 6.7 | 5 |
| 102 | Microbiomes Naturally occurring and engineered. <b>2022</b> , 201-216  |     |   |
| 101 | A potentially probiotic strain of <i>Enterococcus faecalis</i> from human milk that is avirulent, antibiotic sensitive, and nonbreaching of the gut barrier.. <b>2022</b> , 204, 158                             |     | 0 |
| 100 | The hidden universe of human milk microbiome: origin, composition, determinants, role, and future perspectives.. <i>European Journal of Pediatrics</i> , <b>2022</b> , 1   | 4.1 | 2 |
| 99  | Factors influencing development of the infant microbiota: From prenatal period to early infancy.. <b>2021</b> ,  |     | 0 |

|    |   |     |   |
|----|---|-----|---|
| 98 | Reconstitution and Transmission of Gut Microbiomes and Their Genes between Generations.. <i>Microorganisms</i> , <b>2021</b> , 10,  | 4.9 | 1 |
| 97 | The Human Microbiome: An Acquired Organ?. <b>2022</b> , 27, 247-272   |     | 1 |
| 96 | A Parallel Tracking of Salivary and Gut Microbiota Profiles Can Reveal Maturation and Interplay of Early Life Microbial Communities in Healthy Infants.. <i>Microorganisms</i> , <b>2022</b> , 10,        | 4.9 | 0 |
| 95 | Microbiological Quality of Milk Donated to the Regional Human Milk Bank in Warsaw in the First Four Years of Activity.. <b>2022</b> , 10,   |     | 0 |
| 94 | Preventive Effect of a Postbiotic and Prebiotic Mixture in a Rat Model of Early Life Rotavirus Induced-Diarrhea.. <i>Nutrients</i> , <b>2022</b> , 14,  | 6.7 | 2 |
| 93 | The early life microbiota mediates maternal effects on offspring growth in a nonhuman primate.. <b>2022</b> , 25, 103948  |     | 0 |
| 92 | Ethnic Specificity of Species and Strain Composition of Populations From Mother-Infant Pairs, Uncovered by Multilocus Sequence Typing.. <b>2022</b> , 13, 814284  |     |   |
| 91 | Challenges in rabbit doe feeding, including the young doe. <b>2022</b> , 30, 13-34  |     | 0 |
| 90 | Human Breast Milk: From Food to Active Immune Response With Disease Protection in Infants and Mothers.. <b>2022</b> , 13, 849012  |     | 1 |
| 89 | Early-Life Lung and Gut Microbiota Development and Respiratory Syncytial Virus Infection.. <b>2022</b> , 13, 877771   |     | 1 |
| 88 | The human milk microbiome aligns with lactation stage and not birth mode.. <i>Scientific Reports</i> , <b>2022</b> , 12, 5598   | 4.9 | 1 |
| 87 | The effect of microwave-assisted heating on bioactive and immunological compounds in donor human milk. <b>2022</b> , 161, 113306  |     | 0 |
| 86 | Treating autism spectrum disorder by intervening with gut microbiota.. <b>2021</b> , 70,  |     | 2 |
| 85 | Results of a survey of mothers helped to clarify the reasons for the "failure" of breastfeeding in the Russian Federation. <b>2021</b> , 312-322  |     |   |
| 84 | Characterization of as New Probiotics Derived From Human Breast Milk and Their Potential on Proliferative Inhibition of Liver and Breast Cancer Cells and Antioxidant Activity.. <b>2021</b> , 12, 797445 |     | 3 |
| 83 | Data_Sheet_1.pdf. <b>2018</b> ,   |     |   |
| 82 | Table_1.DOCX. <b>2019</b> ,   |     |   |
| 81 | Table_2.DOCX. <b>2019</b> ,   |     |   |

80 Data\_Sheet\_1.DOCX. **2018**,

79 Image\_1.TIF. **2018**,

78 Image\_2.TIF. **2018**,

77 Image\_3.TIF. **2018**,

76 Image\_4.TIF. **2018**,

75 Image\_5.TIF. **2018**,

74 Image\_6.TIF. **2018**,

73 Image\_7.TIF. **2018**,

72 Table\_1.XLSX. **2018**,

71 Table\_2.XLSX. **2018**,

70 Table\_3.XLS. **2018**,

69 Table\_4.XLS. **2018**,

68 Table\_5.XLS. **2018**,

67 Table\_1.XLSX. **2020**,

66 Data\_Sheet\_1.DOCX. **2020**,

65 Data\_Sheet\_1.pdf. **2019**,

64 Data\_Sheet\_1.docx. **2020**,

63 Table\_1.docx. **2019**,

62 Data\_Sheet\_1.docx. **2019,**

61 Table\_1.docx. **2020,**

60 Data\_Sheet\_1.PDF. **2019,**

59 Table\_1.docx. **2019,**

58 Data\_Sheet\_1.pdf. **2018,**

57 Video\_1.MOV. **2018,**

56 Video\_2.MOV. **2018,**

55 Video\_3.MOV. **2018,**

54 Video\_4.MOV. **2018,**

53 Video\_5.MOV. **2018,**

52 Partial purification of linoleic acid isomerase enzyme from *Lactobacillus paracasei* bacteria isolated from milk.. *Brazilian Journal of Biology*, **2022**, 84, e258276 1.5

51 Adherence to healthy dietary pattern is associated with lower risk of multiple sclerosis.. *Journal of Central Nervous System Disease*, **2022**, 14, 11795735221092516 4.4 0

50 Maternal Microbiota as a Therapeutic Target. **2022**, 233-275

49 Effects of soybean hulls and corn stalk on the performance, colostrum composition and faecal microflora of pregnant sows.. *Journal of Animal Physiology and Animal Nutrition*, **2022**, 2.6

48 Bacterial Composition and Interactions in Raw Milk and Teat Skin of Dairy Cows. *Fermentation*, **2022**, 8, 235 4.7 1

47 Antioxidant potential of *Pediococcus pentosaceus* strains from the sow milk bacterial collection in weaned piglets. *Microbiome*, **2022**, 10, 16.6 2

46 Microbial Interrelationships across Sites of Breastfeeding Mothers and Infants at 6 Weeks Postpartum. *Microorganisms*, **2022**, 10, 1155 4.9 0

45 Bile Collected From the Normal Gallbladder of Patients During Surgery Has Simple Bacterial Flora. *Cureus*, **2022**, 1.2

|    |  |     |   |
|----|--|-----|---|
| 44 | A Pilot Study on Donor Human Milk Microbiota: A Comparison with Preterm Human Milk Microbiota and the Effect of Pasteurization. <i>Nutrients</i> , <b>2022</b> , 14, 2483  | 6.7 | 0 |
| 43 | Metagenomics Approaches to Investigate the Neonatal Gut Microbiome. <i>Frontiers in Pediatrics</i> , 10,   | 3.4 | 1 |
| 42 | Milk microbiomes of three great ape species vary among host species and over time. <i>Scientific Reports</i> , <b>2022</b> , 12,   | 4.9 | 0 |
| 41 | Antibiotic treatments to mothers during the perinatal period leaving hidden trouble on infants. <i>European Journal of Pediatrics</i> ,  | 4.1 | 0 |
| 40 | Lactobacillus Species in Breast Milk: Do They Get Affected by Birth Style?. <i>Clinical and Experimental Health Sciences</i> , <b>2022</b> , 12, 390-395   | 0.3 |   |
| 39 | Determination of antimicrobial, pH, bile salt, and gastric juice tolerance properties of Lactobacilli isolated from human milk. <b>2021</b> , 28, 302-308  |     |   |
| 38 | Lactation time influences the composition of Bifidobacterium and Lactobacillus at species level in human breast milk. 1-12   |     | 0 |
| 37 | Comparison of two probiotics in follow-on formula: Bifidobacterium animalis subsp. lactis HN019 reduced upper respiratory tract infections in Chinese infants. 1-14  |     | 1 |
| 36 | Discrepancies among healthy, subclinical mastitic, and clinical mastitic cows in fecal microbiome and metabolome and serum metabolome. <b>2022</b> , 105, 7668-7688  |     | 1 |
| 35 | Early colonization of the human gut. <b>2022</b> , 15-36   |     | 0 |
| 34 | Maternal vaccination as an additional approach to improve the protection of the nursling: Anti-infective properties of breast milk. <b>2022</b> , 77, 100093   |     | 0 |
| 33 | Exploring the Potential of Human Milk and Formula Milk on Infants' Gut and Health. <b>2022</b> , 14, 3554  |     | 3 |
| 32 | Gestational Diabetes Mellitus and Its Impact on the Mother- Infant Gut and Breast Milk Bacteriome.   |     | 0 |
| 31 | A narrative review of the functional components of human breast milk and their potential to modulate the gut microbiome, the consideration of maternal and child characteristics, and confounders of breastfeeding, and their impact on risk of obesity later in life. |     | 0 |
| 30 | The Entero-Mammary Pathway and Perinatal Transmission of Gut Microbiota and SARS-CoV-2. <b>2022</b> , 23, 10306  |     | 0 |
| 29 | Gut microbiome and breast-feeding: Implications for early immune development. <b>2022</b> , 150, 523-534   |     | 4 |
| 28 | Profiling of the microbiota of breast milk before and after feeding with an artificial nipple. <b>2022</b> ,   |     | 0 |
| 27 | Development and role of intestinal microbiota in term and preterm newborn babies. Accent on breast feeding. <b>2022</b> , 44-50  |     | 0 |



- 26 Maternal cortisol and psychological symptoms alter the breast milk microbiome composition. ○
- 25 Genomic description and prevalence of two new *Candidatus Saccharibacteria* species from the human gut in different samples and countries. ○
- 24 The effects and significance of gut microbiota and its metabolites on the regulation of osteoarthritis: Close coordination of gut-bone axis. 9, ○
- 23 Bovine *Escherichia coli* Mastitis and Effects on Milk Microbiota. ○
- 22 Human Milk Sodium and Potassium as Markers of Mastitis in Mothers of Preterm Infants. ○
- 21 Human milk microbial species are associated with infant head-circumference during early and late lactation in Guatemalan mother-infant dyads. 13, ○
- 20 Impact of gut permeability on the breast microbiome using a non-human primate model. 1-27 ○
- 19 Human milk microbial species are associated with mild growth deficits during early infancy among Guatemalan mother-infant dyads. 1, ○
- 18 Factors Influencing Biofilm Formation by *Salmonella enterica* sv. Typhimurium, *E. cloacae*, *E. hormaechei*, *Pantoea* spp., and *Bacillus* spp. Isolated from Human Milk Determined by PCA Analysis. **2022**, 11, 3862 1
- 17 Shaping infant development from the inside out: Bioactive factors in human milk. **2022**, 151690 ○
- 16 Human Milk Microbiome and Microbiome-Related Products: Potential Modulators of Infant Growth. **2022**, 14, 5148 ○
- 15 Microbiota of the gastrointestinal tract: Friend or foe?. 29, 19-42 ○
- 14 Antioxidant and Anti-Hemolytic Effects of Human Breast Milk from Koreans. **2022**, 4, 67-78 ○
- 13 Gut microbiome interventions in regenerative medicine. **2023**, 477-506 ○
- 12 Identification of *Lactobacillus* and *Bifidobacterium*; 16S rRNA Gene in Breast Milk of Some Healthy Women in Kinshasa (DR Congo). **2023**, 11, 275-286 ○
- 11 A bacterial signature-based method for the identification of seven forensically relevant human body fluids. **2023**, 65, 102865 ○
- 10 Interrogating the role of the milk microbiome in mastitis in the multi-omics era. 14, ○
- 9 A Review Focusing on Microbial Vertical Transmission during Sow Pregnancy. **2023**, 10, 123 ○

- 8 Factors Affecting Gut Microbiota of Puppies from Birth to Weaning. **2023**, 13, 578
- 7 HIV-1 interaction with an O-glycan-specific bacterial lectin enhances virus infectivity and cell-to-cell viral transfer.
- 6 Composition of the intestinal microbiota of infant rhesus macaques at different ages before and after weaning. **2023**, 9, e13915
- 5 Infant Fecal Fermentations with Galacto-Oligosaccharides and 2?-Fucosyllactose Show Differential Bifidobacterium longum Stimulation at Subspecies Level. **2023**, 10, 430
- 4 Potentially probiotic *Limosilactobacillus reuteri* from human milk strengthens the gut barrier in T84 cells and a murine enteroid model. **2023**, 134,
- 3 Genome-resolved metagenomics of milk microbiomes reveals the influence of maternal dietary fiber on neonatal inheritance of immunoregulatory traits.
- 2 Improvement and Validation of a Genomic DNA Extraction Method for Human Breastmilk. **2023**, 6, 34
- 1 Integrated genome based evaluation of safety and probiotic characteristics of *Lactiplantibacillus plantarum* YW11 isolated from Tibetan kefir. 14,