

Species	Abundances in AD Compared to No Dementia	Related Conditions	Abundances in Disease Related Conditions	References
<u>Butyrate Producing Species</u>				
<i>Butyrivibrio hungatei</i>	decreased			2
<i>Blautia hansenii</i>	decreased			32
<i>Cloacibacillus porcorum</i>	decreased			3,4
<i>Clostridium saccharolyticum</i>	decreased			5
<i>Eubacterium eligens</i>	decreased			6
<i>Faecalibacterium prausnitzii</i>	decreased			8
<i>Roseburia hominis</i>	decreased			9 10
<i>Ruminococcus bicirculans</i>	decreased			2
<u>Previous Associations with Alzheimer's Disease</u>				
<i>Bacteroides fragilis</i>	decreased		increased	11
<i>Bifidobacterium bifidum</i>	decreased	As a probiotic treatment	increased consumption	33
<i>Klebsiella pneumonia</i>	increased		increased	13-15
<i>Odoribacter splanchnicus</i>	increased		increased	16-18
<u>Inflammation</u>				
<i>Akkermansia muciniphila</i>	increased	Type 1 Diabetes	increased	20
<i>Bacteroides dorei</i>	increased	Type 1 Diabetes	increased	19
<i>Bifidobacterium longum</i>	decreased	Antibiotic Associated Diarrhea	decreased	34,35
<i>Collinsella aerofaciens</i>	increased	Rheumatoid Arthritis	increased	23
<i>Desulfovibrio fairfieldensis</i>	increased	Irritable Bowel Disease/Obesity	increased	24,25
<i>Parabacteroides distasonis</i>	decreased	Multiple Sclerosis	decreased	36
<i>Roseburia hominis</i>	decreased	Ulcerative Colitis	decreased	10
<u>Other Neurological Diseases</u>				
<i>Blautia hansenii</i>	decreased	Autism	decreased	37

<i>Faecalibacterium prausnitzii</i>	decreased	Parkinson's/ Irritable Bowel Disease	decreased	10,27,28
<i>Parabacteroides distasonis</i>	decreased	Multiple Sclerosis	decreased	36
<i>Prevotella denticola</i>	decreased	Parkinson's/ Multiple Sclerosis	decreased	26,27
Pathogens				
<i>Bacteroides fragilis</i>	decreased	Multiple sites	increased	29
<i>Campylobacter jejuni</i>	increased	Gastroenteritis	increased	38
<i>Desulfovibrio fairfieldensis</i>	increased	Bacteremia	increased	30
<i>Eggerthella lenta</i>	increased	Intestinal Infections	increased	31
<i>Ralstonia mannitolilytica</i>	decreased	Nosocomial Infections	increased	39
<i>Ralstonia pickettii</i>	decreased	Bacteremia	increased	40