



RESEARCH CONSENT

If you are a minor do not use this form; you will need to ask your parent or guardian to sign you up for the study at www.ubiome.com. If you are an adult (have passed your 18th birthday), and you have an appointed legal guardian for any purpose, you may not participate in this study. If you are incapacitated or otherwise unable to legally consent, you may not participate in this study.

This document governs how we conduct our research and how we collect and use data in conjunction with the research. The document outlines the risks and benefits of participating in uBiome Research.

If you have questions relating to parts of this document or do not understand it, please contact us with your questions before signing.

Information About the Study

uBiome provides you access to information about your microbiome, the organisms in and on your body separate from your own cells. We have affiliated with researchers to study the data we collect from customers like you. In particular, the research seeks to draw links between genetic information from the samples you provide with answers you provide to surveys and questions.

As part of the uBiome service, you will be collecting samples from your mouth, nose, the surface of your skin, or from inside your gut, or genitals. Make sure to wash your hands before and after you collect the sample. As part of the research, we will ask you to fill out various surveys about different topics. These topics may include your medical history, your sexual history, your diet and information about your family members.

Participation in the research will be very similar to normal use of the uBiome service. It consists of:

- (i) allowing uBiome investigators to use your biome information for research; and
- (ii) entering data about yourself into uBiome Research features on the uBiome website.

You do not have to participate in this research, and you will still have full access to your microbiome if you choose not to. This document sets out how we conduct our research, and in particular how we process, store and share your data with others. New surveys and features may be added to uBiome Research on a continuing basis.

Data Usage and Sharing

uBiome uses a range of physical, technical, and administrative procedures to protect the privacy of your personal information and your survey responses.

A key protection is that personally identifying Registration Information (such as name, address, email address, user ID, password, or credit card information) is only available to a small group of people that need access to this information for particular purposes where access to that data is necessary.

uBiome may collaborate on research with external members of our research consortium or with the public. External parties will only have access to pooled data stripped of identifying information, with the following exceptions:

1. uBiome may release your individual-level data to a third party if we ask for, and receive, your explicit authorization to do so.
2. uBiome's partners or service providers (e.g. credit card processors or our contracted laboratory) may process and/or store your information in order to provide you with uBiome's services.
3. Researchers invited by uBiome to conduct research may access your information (but not your name or contact information) for the purpose of scientific research.
4. uBiome may release individual-level information in response to requests from law-enforcement agencies, courts of law, regulatory and government agencies, and if otherwise required to do so by law.
5. The Institutional Review Board and government officials responsible for monitoring our study may inspect the study records.

Benefits of Participating

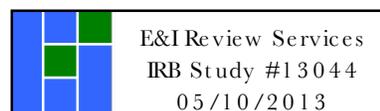
Discoveries made as a result of this research could be used to understand the basic causes of disease. uBiome does not seek to and does not treat or cure any medical condition, and participation should not be used as a substitute for any medical treatment.

If uBiome develops intellectual property and/or commercializes products or services, directly or indirectly, based on the results of this study, you will not receive any compensation.

Risks of Participating

There are some potential risks to participating in the uBiome research study:

- Some survey questions may make you or your family members uncomfortable.
- Your data, survey responses, and/or personally identifying information may be compromised in the event of a security breach or failure to follow protocol. Such security breaches may include physical compromising of lab and storage facilities, compromising of data storage, as well as failure to adhere to study protocol by employees and contractors. In the event of such a breach, if your data are associated with your identity, they may be made public and it may have social and psychological consequences for you or your loved ones. Furthermore, if a physical sample is stolen or mishandled by an employee or contractor, they may obtain additional information from the sample, such as sequencing data from human DNA in the sample.
- When uBiome investigators publish results from this study, your information may be included within pooled summaries that are made public. Identification of your individual-level data from those summaries would be extremely difficult, but it is possible that a third party that has obtained partial data from you could compare their partial data to the published results and indirectly determine some of your survey responses.
- While the information we keep will not include names, and the microbiome is not uniquely identifiable, human genetic information is unique and can be used to identify people by linking or tracing DNA in public databases. It may also identify your family since your DNA is shared with your family.



- As with any online service, if you disclose your account password to others, they may be able to access your account and your information. There may be additional risks to participation that are currently unforeseeable.
- Data that you choose to share with others for any reason could be used against your interests.
- uBiome is a private company and the Chief Scientific Officer of the company is also the Primary Investigator (head of research) of this study. There may be a conflict of interest between these two roles; however, the Primary Investigator is obligated to hold the interests of research above those of the company for purposes of the research study.
- Information that participants choose to share with their physician or other health care provider may become part of their medical record and through that route be accessible to other health care providers and/or insurance companies in the future.

None of the surveys or other procedures used by the investigators in the uBiome Research study are invasive or experimental. The procedures involved do not involve significant risks, and no compensation or treatment is available if injury occurs as a result of participation. Swabs and other materials used for sample collection are sterilized prior to shipment and must be handled with proper care and hygiene. Should you be uncomfortable handling the collection kit and accepting responsibility for its use, please reconsider your participation in this study.

Withdrawing from the Study

At any time, you may choose to withdraw all or some of your information from uBiome Research research by sending a request to the Human Protections Administrator at privacy@uBiome.com, or by changing your consent status within the uBiome “Settings” page. (uBiome will notify you if additional ways to withdraw consent become available.)

Choosing not to give consent or withdrawing from uBiome Research will not affect your access to your information or to microbiome sequencing service. You will still be allowed full access to the microbiome sequencing service, but uBiome will prevent the requested information from being used in new uBiome research occurring after 30 days from receipt of your request. Any research on your data that has been performed or published prior to this date will not be reversed, undone, or withdrawn. Your information may still be used for other purposes as described in the uBiome Privacy Statement.

In addition, the uBiome Research study may be terminated without your consent. In that case, uBiome will maintain your information according to the terms of our Privacy Statement.

- **Transfer of ownership.** If uBiome undergoes a business transition such as an acquisition or merger, the uBiome Research study may be terminated. We are committed to negotiating that the recipient of the database would remain subject to the terms of any pre-existing Privacy Statement.
- **Bankruptcy.** If uBiome files for bankruptcy or liquidation, a court may impose different terms on the use of your data.

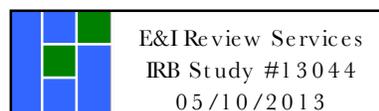
Contact Information

If you have any questions or concerns about the study, if you suffer a research-related injury, or if you have a question about participants' rights, please contact the following:

uBiome Human Protections Administrator

Email: privacy@uBiome.com

Phone: +1-650-690-6774 or + 1 (415) 763-7716



If you have any questions, concerns or complaints about research that you do not wish to discuss with uBiome or would like to offer input or obtain information, you may contact the following independent, impartial research review board:

E&I Review Services

Email: subject@eandireview.com Phone: 1-800-472-3241

If you have general questions about uBiome's service, please contact:

uBiome Customer Service by email at privacy@uBiome.com

Agreeing to participate means:

- You have read this consent and the research study was explained to you.
- Your rights as a research participant have been provided to you.
- uBiome will let you about new information or changes to the study that may affect your health or your willingness to stay in the study.
- By agreeing you do not give up any of your legal rights. The researcher(s) or sponsor(s) are not relieved of any liability they may have.
- You are consenting for yourself to take part in this research study.

CHOICES

I DO NOT WISH TO PARTICIPATE AT THIS TIME

or

I AGREE TO PARTICIPATE _____
Type in your name Today's Date

and

uBiome or its affiliates may contact me in the future to invite my participation in additional research.

uBiome Parental Permission Form

This document governs how we conduct our research and how we collect and use data in conjunction with the research. The document outlines the risks and benefits of participating in uBiome Research. Please read it carefully for details regarding the risks of participation and how we use our data.

You have the option of having your child or teen take part in a research study. This is a parental permission form. The goals of this form are to give you information about what would happen in the study if you choose to have your child take part and to help you decide if you want your child to be in the study. It provides a summary of the information the research team will discuss with you. If you decide that your child can take part in this study, you would check the appropriate box at the end of this form to confirm your permission.

Please Note: If the prospective research participant is a foster child or a ward of the state, then there are special rules about participation. Please email us at researchparticipants@ubiome.com for instructions on how to proceed.

Background

One of uBiome's missions is to make meaningful scientific contributions by enabling its customers to participate directly in research. uBiome offers each of its users the opportunity to participate in research. uBiome seeks your child's voluntary participation in uBiome Research, an ongoing research study conducted by uBiome that concerns the microbiome, "the organisms in and on your body separate from your own cells." The uBiome study aims to:

- Discover environmental factors behind symptoms and diseases
- Correlate metagenomic data with self-reported data
- Understand how people react to their personal survey information

uBiome Research is aimed at learning things that increase scientific knowledge and are substantive enough to merit publication in peer-reviewed journals and to apply for research grants funded by the federal government and other organizations.

As a part of getting started, uBiome is asking all kit recipients and their children to participate in our research.

This consent document explains what being in our research study means:

1. What you are agreeing to if you give your child permission to participate
 2. How your child can participate
 3. How your child's data will be used
 4. How we protect your child's data and keep it private
 5. The benefits and risks of participation
 6. Your child's options and how to withdraw
 7. Whom to contact if you have questions
-

1. What am I agreeing to?

Giving consent by checking the appropriate box below means that you agree to let uBiome investigators use your child's Phenotypic & Self-Reported Information for uBiome research.

"Phenotypic & Self-Reported Information" refers to:

- Your child's Phenotypic data
- Information you or your child enter into surveys and forms
- Information you or your child enter via features labeled with the uBiome Research research logo
- Data you authorize us to import for research
- Your child's age, ethnicity, and other demographic or psychographic data

Phenotypic data refers to any genetic data, including data resulting from sequencing your child's microbiome, or other matter, such as the human cells making up your child's body. You can see a sample of some phenotypic data from sequencing a microbiome here: <http://uBiome.com/consent>. Other phenotypic data may look different, and include much more data.

Self-Reported Information includes, but is not limited to, any information you submitted prior to giving consent. We may also use the results of further analysis of your child's sample in uBiome Research research.

2. How does my child participate?

Participation consists of

- allowing uBiome investigators to use your child's Phenotypic & Self-Reported Information for research, and
- entering data about your child into uBiome Research features on the uBiome website.

These features include surveys, individual questions, and other features where you or your child enters information. If you or your child do not feel comfortable providing a piece of information, you may choose not to answer that question. You or your child may choose to take all, some, or none of the surveys. You and your child should carefully consider what you want to share with others and what the consequences might be of doing so.

The uBiome Research study is open-ended: new surveys and features may be added to uBiome Research on a continuing basis. If new surveys or features are added, you may receive an email update or see an announcement when you or your child sign in to your child's account. We might ask you or your child to participate in a specific study if your child's Phenotypic & Self-Reported Information matches the area of interest.

3. How will my child's data be used in uBiome Research?

Your child's Phenotypic & Self-Reported Information will be used in conjunction with other research data to discover possible links between Phenotypic and non-Phenotypic markers and a variety of traits, diseases, behaviors and other characteristics, to study population history, or to assess how people respond to personal Phenotypic information.

These questions may cover potentially sensitive topics such as sexual orientation, illicit drug use or other illegal behavior, or HIV/AIDS status. When uBiome conducts studies

on these topics, you and your child will be provided additional information to help you decide whether you want to participate in research on these topics. Neither you nor your child will be required to answer any of these questions to participate in the study or to keep access to the uBiome website.

4. How do you keep my child's data protected and private?

uBiome uses a range of physical, technical, and administrative procedures to protect the privacy of your child's personal information, your child's Phenotypic data, and your child's survey responses. A key protection is that personally identifying Registration Information (such as name, address, email address, user ID, password, or credit card information) is only available to a small group of people that need access to this information for particular purposes where access to that data is necessary, such as customer service and website testing. Other measures for protecting your child's privacy are described in more detail in the uBiome Privacy Statement.

uBiome may collaborate on research with external members of our research consortium or with the public. As outlined in the Privacy Statement, external parties will only have access to pooled data stripped of identifying information, with the following exceptions:

- uBiome may release your child's individual-level data to a third party if we ask for, and receive, your explicit authorization to do so.
- uBiome's partners or service providers (e.g. credit card processors or our contracted laboratory) may process and/or store your child's information in order to provide you with uBiome's services.
- Researchers invited by uBiome to conduct research may access your child's individual-level Phenotypic & Self-Reported Information (but not your child's name or contact information) for the purpose of scientific research.
- uBiome may release individual-level information in response to requests from law-enforcement agencies, courts of law, regulatory and government agencies, and if otherwise required to do so by law.
- The Institutional Review Board and government officials responsible for monitoring our study may inspect the study records.

5. What are the benefits and risks of participating?

Benefits:

Discoveries made as a result of this research could be used to understand the basic causes of disease, develop drugs or other treatments and/or preventive measures, or predict a person's risk of disease. The topics to be studied span a wide range of traits and conditions, from common to rare.

One of uBiome's missions is to make meaningful scientific contributions by enabling its customers to participate directly in Phenotypic research. If uBiome publishes study results in peer-reviewed journals, there may be an indirect benefit to you and your child as scientific knowledge increases and/or new drugs or tests are developed.

You and your child may also have the opportunity to acquire one or more of the following, in return for some level of participation in the research:

- Comparison of your child's personal survey responses to those of all responders.
- Electronic, graphical "badges" that signify that your child has contributed to one or more research projects.

If uBiome develops intellectual property and/or commercializes products or services, directly or indirectly, based on the results of this study, you will not receive any compensation.

uBiome does not seek to and does not treat or cure any medical condition, and participation should not be used as a substitute for any medical treatment.

Risks:

There are some potential risks to participating in the uBiome Research research study, as described below:

- Some survey questions may make you, your child or your child's family members uncomfortable.
- Your child's Phenotypic data, survey responses, and/or personally identifying information may be stolen in the event of a security breach. In the event of such a breach, if your child's data are associated with your child's identity, they may be made public and it may have social and psychological consequences for you, your child or your child's loved ones.

- When uBiome investigators publish results from this study, your child's Phenotypic & Self-Reported Information may be included within pooled summaries that are made public. Identification of your child's individual-level data from those summaries would be extremely difficult, but it is possible that a third party that has obtained partial Phenotypic data from you or your child could compare their partial data to the published results and indirectly determine some of your child's survey responses.
- As with any online service, if you disclose your child's account password to others, they may be able to access your child's account and your child's Phenotypic & Self-Reported Information.
- There may be additional risks to participation that are currently unforeseeable.
- Data that you or your child choose to share with others for any reason could be used against your child's interests.
- Information that participants choose to share with their physician or other health care provider may become part of their medical record and through that route be accessible to other health care providers and/or insurance companies in the future.

None of the surveys or other procedures used by the investigators in the uBiome Research study are invasive or experimental. The procedures involved do not involve significant risks, and no compensation or treatment is available if injury occurs as a result of participation. Swabs and other materials used for sample collection are sterilized prior to shipment and must be handled with proper care and hygiene. Make sure that your child washes his or her hands before and after collecting each sample. Should you be uncomfortable handling the collection kit and accepting responsibility for its use, please reconsider your child's participation in this study.

6. Is there any other alternatives? Can we withdraw from this study?

You can still receive your child's microbiome results if you choose not to participate in the uBiome Research study. Even if you do give consent to participate in this study, we will not force you to participate in any surveys, and you are free to terminate your child's participation in the study at any time. If you choose not to give consent for uBiome

Research research, your child's Phenotypic & Self-Reported Information may still be used for other purposes, as described in our Privacy Statement.

At any time, you or your child may choose to withdraw all or some of your child's Phenotypic & Self-Reported Information from uBiome Research research by sending a request to the Human Protections Administrator at hpa@uBiome.com, or by changing your child's consent status within the uBiome "Settings" page. (uBiome will notify you if additional ways to withdraw consent become available.)

Choosing not to give permission or withdrawing from uBiome Research will not result in penalty or loss of benefits to which you or your child are otherwise entitled to and it will not affect your child's access to your child's Phenotypic Information or to microbiome sequencing service. You will still be allowed full access to the microbiome sequencing service, but uBiome will prevent the requested information from being used in new uBiome research occurring after 30 days from receipt of your or your child's request. Any research on your child's data that has been performed or published prior to this date will not be reversed, undone, or withdrawn. Your child's Phenotypic & Self-Reported Information may still be used for other purposes as described in the uBiome Privacy Statement.

In addition, the uBiome Research study may be terminated without your or your child's consent. In the following cases, uBiome will maintain your child's Phenotypic & Self-Reported Information according to the terms of our Privacy Statement.

- Transfer of ownership. If uBiome undergoes a business transition such as an acquisition or merger, the uBiome Research study may be terminated. We are committed to negotiating that the recipient of the database would remain subject to the terms of any pre-existing Privacy Statement.
- Bankruptcy. If uBiome files for bankruptcy or liquidation, a court may impose different terms on the use of your child's data.

7. Whom do I contact if I have questions?

If you or your child have any questions or concerns about the study, if you suffer a research-related injury, or if you have a question about participants' rights, please contact the following:

uBiome Human Protections Administrator
Email: hpa@uBiome.com
Phone: +1(650) 690-6774 or +1 (415) 763-7716.

If you or your child have any questions or concerns or would like to offer input about research that you do not wish to discuss with uBiome, you may contact the following independent, impartial research review board:

E&I Review Services
Email: subject@eandireview.com
Phone: 1-800-472-3241

If you have general questions about uBiome's service, please contact:

uBiome Customer Service
Email: privacy@uBiome.com

CHOICES

I DO NOT WISH FOR MY CHILD TO PARTICIPATE AT THIS TIME

or

I AGREE FOR MY CHILD TO PARTICIPATE

Enter in your child's name

Today's Date

Enter in your name

Today's Date

Agreeing to participate means:

- You have read this consent and the research study was explained to you.
- Your and your child's rights as a research participant have been provided to you.
- uBiome will tell you about new information or changes to the study that may affect your child's health or your or your child's willingness to have him or her stay in the study.
- By signing this parental permission form, you do not give up any of your or your child's legal rights. The researcher(s) or sponsor(s) are not relieved of any liability they may have.
- You are this child's legal guardian and you agree to have the child named above take part in this research study.
- Your child still has the right to decline to participate even if you consent to their participation.
- If your child is of reading age they will need to complete the "Child Assent form" in order to be able to participate in this research.

and

- uBiome or its affiliates may contact me in the future to invite my or my child's participation in additional research.

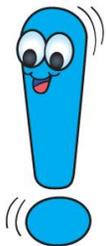
uBiome Children's Assent Form



What is a research study?

Research studies help us learn new things. We can test new ideas. First, we ask a question. Then we try to find the answer.

This page talks about our research and the choice that you have to take part in it.



Important things to know...

- You get to decide if you want to take part in this research.
- You can say 'No' or you can say 'Yes'.
- If you say 'Yes', you can always say 'No' later.
- You can say 'No' at any time.
- No one will be upset if you say 'No'.



Why are we doing this research?

We are doing this research to find out more about the bacteria (very tiny living things) that live inside and outside your body.



What would happen if I join this research?

If you decide to be in the research, we would ask you to do the following:

- Bathroom: You or your parent or guardian may collect some of your feces (poop) off of the toilet paper after you go to the bathroom.
- Other places: You or your parent or guardian may also use a swab (small piece of cotton) to collect a sample from your mouth, nose, private parts, or your skin. You can choose to do any of these parts, just a few, or none of them.
- Questions: You or your parent or guardian may answer some questions about your eating habits, sleeping habits, and other habits as well as questions about your visits to the doctor.
- Always wash your hands before and after you collect the sample.



Could bad things happen if I join this research?

Some of the tests might make you uncomfortable or the questions might be hard to answer. We will try to make sure that no bad things happen.

You can say “no” to the research at any time.



Could the research help me?

This research will not help you. We do hope to learn something from this research for the future.



What else should I know about this research?

If you don't want to be in the study, you don't have to be.

It is also OK to say yes and change your mind later. You can stop being in the research at any time.

Send an email to Human Protections Administrator at hpa@uBiome.com to stop your participation at anytime.

You will not be paid to be in the research.

Ask your parents to answer any questions you have. Take the time you need to make your choice. We will give them the information they need to contact us to get the answers. If you would like to call us to answer any questions, please call us at 1+ (415) 763-7716.

If you want to talk to someone who does not work at uBiome about any concerns or complaints, you can call an independent reviewer in charge of participant's rights at 1-800-472-3241 or email them at subject@eandireview.com.



What are my choices?

* If you don't want to be in the research, do NOT enter your name below. Select this box instead: I DO NOT WISH TO PARTICIPATE AT THIS TIME

* If you want to be in the research after reading this, please enter your name below. This shows that you read this form or had it read to you and you want to be a part of this research.

Name of Participant _____

Today's Date _____

Name of your Parent / Legal Guardian _____

Your parent has to complete a "Parental Permission form" also. Make sure your parent has completed this form or you will not be able to participate in this research.