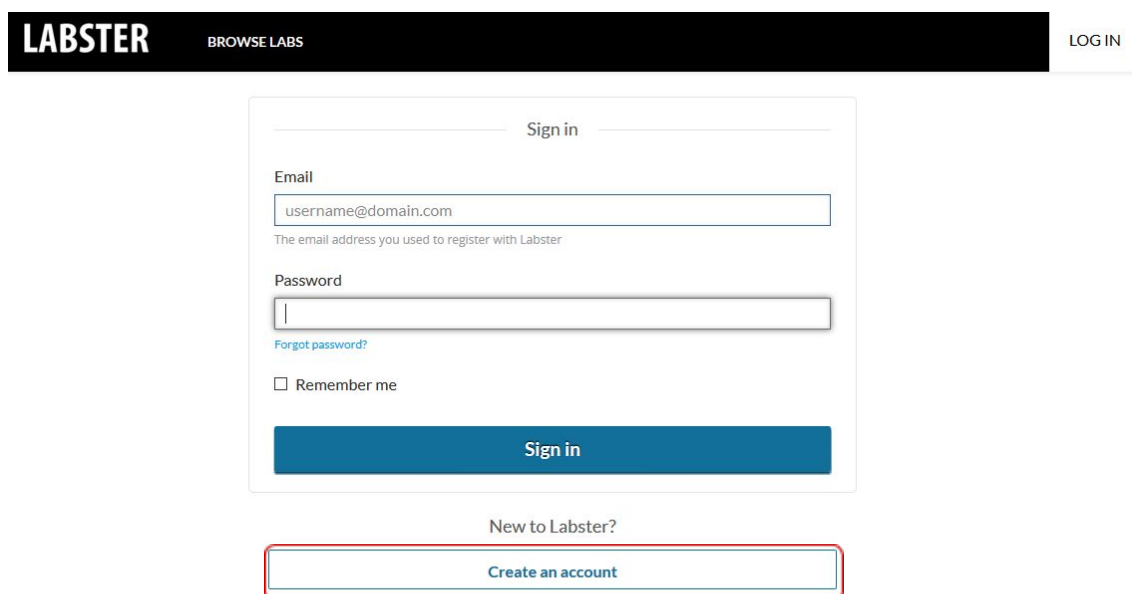


Welcome to Labster!

How do I create my Labster Account?

To access the simulations, you need to create a Labster account. If you have already created your Labster account, please login.

1. Go to the login page: <https://courses.labster.com/login>
2. Press **Create an account**



The screenshot shows the Labster website interface. At the top, there is a black navigation bar with the 'LABSTER' logo on the left, 'BROWSE LABS' in the center, and 'LOG IN' on the right. Below the navigation bar is a white login form. The form has a 'Sign in' heading. It contains an 'Email' field with the placeholder 'username@domain.com' and a note 'The email address you used to register with Labster'. Below the email field is a 'Password' field. There is a link for 'Forgot password?' and a checkbox for 'Remember me'. A blue 'Sign in' button is at the bottom of the form. Below the login form is a section for 'New to Labster?' with a red-bordered button labeled 'Create an account'.

3. Fill out the form with the following information:
 - a. Your **academic email address, Full name, Public username**
 - b. **Accept** Labster Term of Service and Honor Code
 - c. Select **Create your account**

Create a new account

Email *
username@uni.edu

Full name *
User Name
Needed for any certificates you may earn

Public username *
User_Name
The name that will identify you in your courses - (cannot be changed later)

Password *
•••••

Gender Year of birth
-- --

Highest level of education completed
--

☒ I agree to the Labster Terms of Service and Honor Code.*

Create your account

* Required field

Already have an account?
Sign in

NOTE: Please ensure that you create your account with the email address that your instructor is using to enroll you in the course.

The gender, year of birth, and highest level of education completed fields are optional.

4. Once you have created your account, you will receive an email with a link to activate your account. **Press to link** to activate your account.

Activate Your Labster Account




support@labster.com Add to contacts 11:12
To: username@uni.edu

Thank you for signing up for Labster.

Change your life and start learning today by activating your Labster account. Click on the link below or copy and paste it into your browser's address bar.

<https://courses.labster.com/activate/b69a7329b33e4b3c945bb4ab837b1dea>

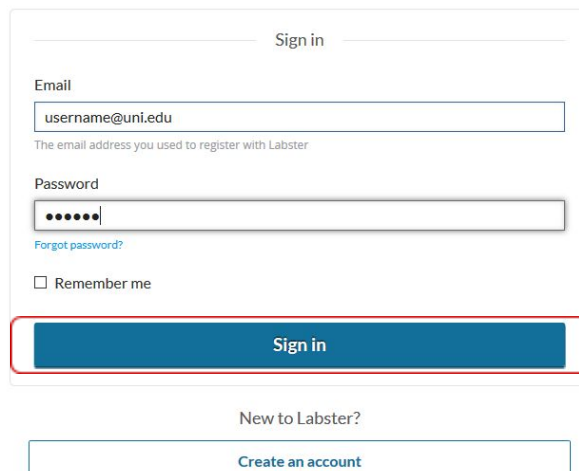
If you didn't request this, you don't need to do anything; you won't receive any more email from us. Please do not reply to this e-mail; if you require assistance, check the help section of the Labster website.

 If you have not received a Labster email notification then please check your Spam inbox or confirm with your professor that you have been registered with the correct email address.

Activation Complete!

Thanks for activating your account. You can now [log in](#).

5. Login into your account at <https://courses.labster.com/login> with your Email and Password. Press **Sign in**.



NOTE: If your instructor has already invited you to the course you will see it once you sign into your account.

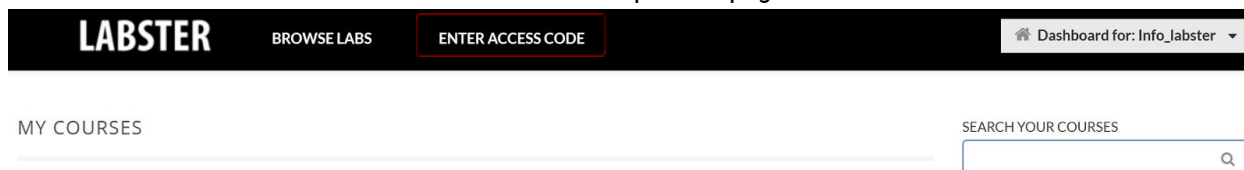
If not, your course will appear once your instructor invites you or once you have entered the Course Code provided by your instructor or your Voucher Code.

How do I access my course?

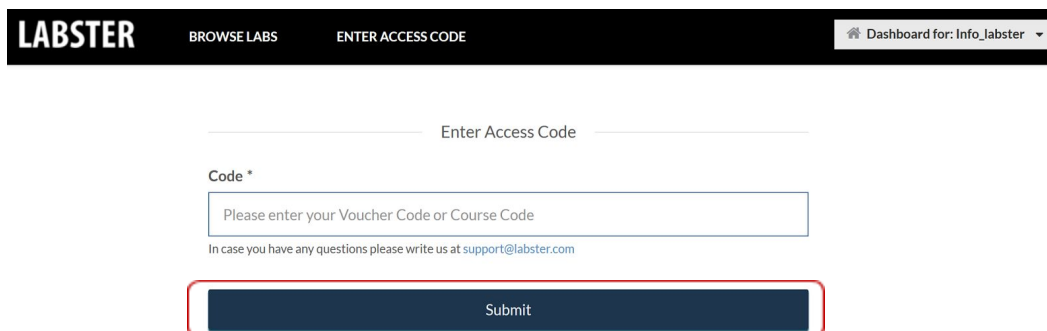
After having signed in, there are two possible ways for you to get access to your Course as explained below: The first option applies to you if your instructor is using your email address to enrol you in the course. The second option applies when you have been granted either a Course Code by your instructor or a Voucher Code. If you are in doubt about which of those two options apply to you, then please reach out to your instructor or write an email to support@labster.com.

- A. In the case where **your instructor has already enrolled you** in the course using your email address, you will be able to see it in your dashboard after you log in. If not, please wait for your instructor to do so and then proceed to the next section in this guide called 'How do I play the simulations'. (Have you not been granted either a Course Code or a Voucher Code, your instructor will most likely enrol you using your email address).
- B. In case you have been given a **Course Code** by your instructor or a **Voucher Code**, you will need to enter it in your Dashboard in order to access your course. Please follow the steps below:

1. Click the **"Enter Access Code"** button at the top of the page



2. Enter the 10 digit **Course Code or Voucher Code** and click "Submit"



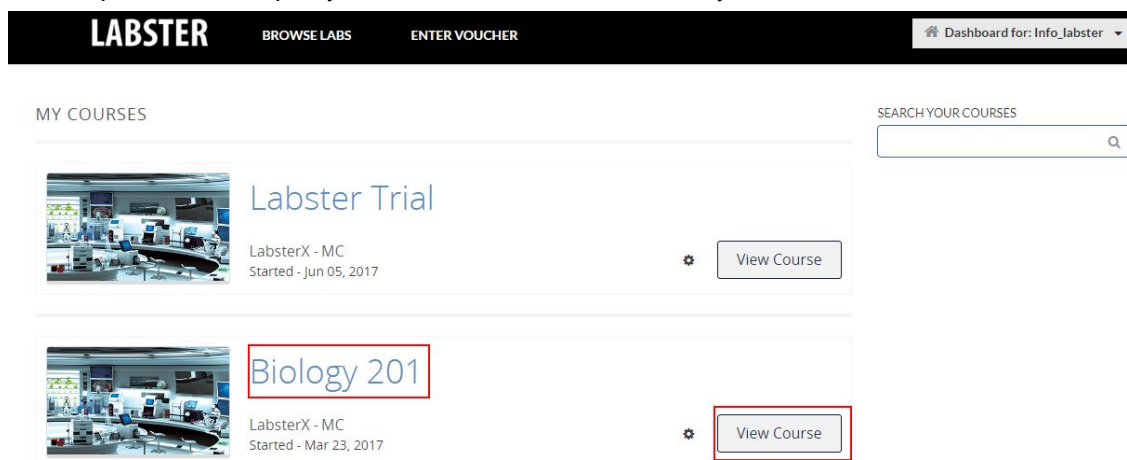
The screenshot shows the top navigation bar of the Labster website with the 'LABSTER' logo, 'BROWSE LABS', 'ENTER ACCESS CODE', and a dropdown menu for 'Dashboard for: Info_labster'. Below the navigation bar is a form titled 'Enter Access Code'. It includes a text input field labeled 'Code *' with a placeholder 'Please enter your Voucher Code or Course Code'. Below the input field is a link: 'In case you have any questions please write us at support@labster.com'. At the bottom of the form is a blue 'Submit' button, which is highlighted with a red rectangular box.

3. Once you have submitted the access code, a new course appears on your Dashboard page.

How do I play the simulations?

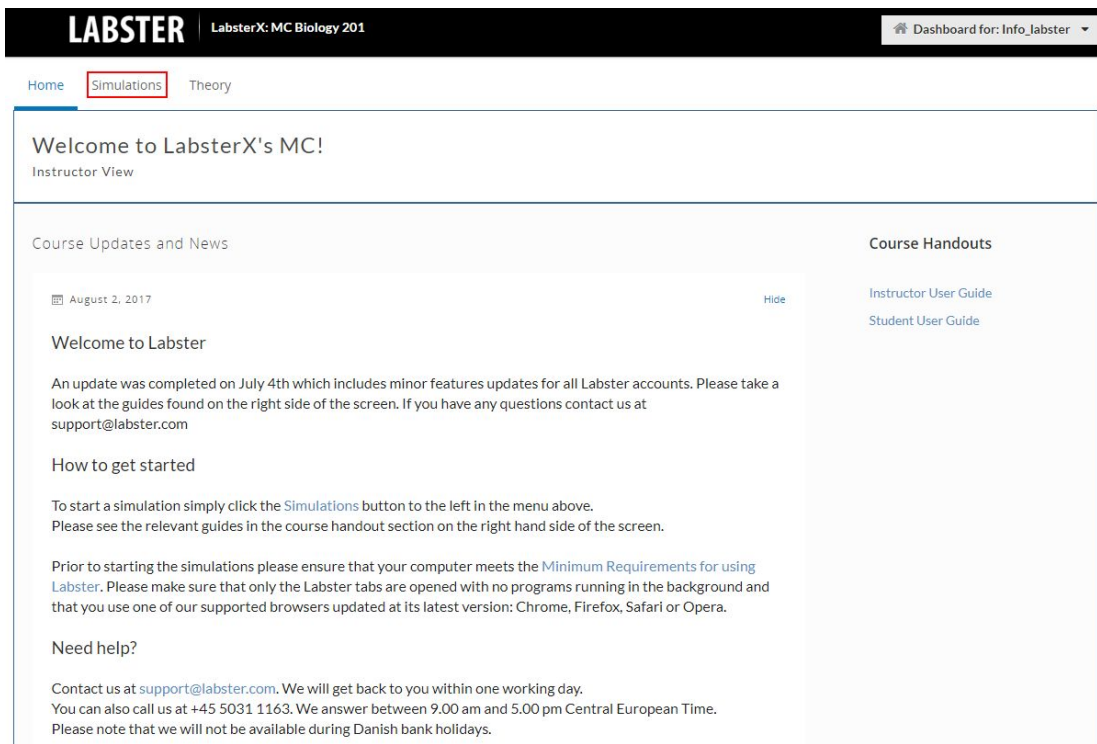
Once the previously explained course enrolment is done, all you need to do is log in or create an account (see section above).

1. After logging into Labster.com, your dashboard will show. click the name of the course that your professor set up. If you follow more than one course, you will see them on the same dashboard



The screenshot shows the Labster dashboard after login. The top navigation bar is identical to the previous screenshot. Below the navigation bar, the page is titled 'MY COURSES'. On the right side, there is a search bar labeled 'SEARCH YOUR COURSES'. The main content area displays a list of courses. The first course is 'Labster Trial', which is 'LabsterX - MC' and 'Started - Jun 05, 2017'. The second course is 'Biology 201', which is also 'LabsterX - MC' and 'Started - Mar 23, 2017'. Both course entries have a 'View Course' button. The 'Biology 201' course title and its 'View Course' button are highlighted with red rectangular boxes.

2. To start access the simulations, click on the **Simulation** tab.



LABSTER LabsterX: MC Biology 201 Dashboard for: Info_labster

Home **Simulations** Theory

Welcome to LabsterX's MC!

Instructor View

Course Updates and News

August 2, 2017 Hide

Welcome to Labster

An update was completed on July 4th which includes minor features updates for all Labster accounts. Please take a look at the guides found on the right side of the screen. If you have any questions contact us at support@labster.com

How to get started

To start a simulation simply click the **Simulations** button to the left in the menu above. Please see the relevant guides in the course handout section on the right hand side of the screen.

Prior to starting the simulations please ensure that your computer meets the [Minimum Requirements for using Labster](#). Please make sure that only the Labster tabs are opened with no programs running in the background and that you use one of our supported browsers updated at its latest version: Chrome, Firefox, Safari or Opera.

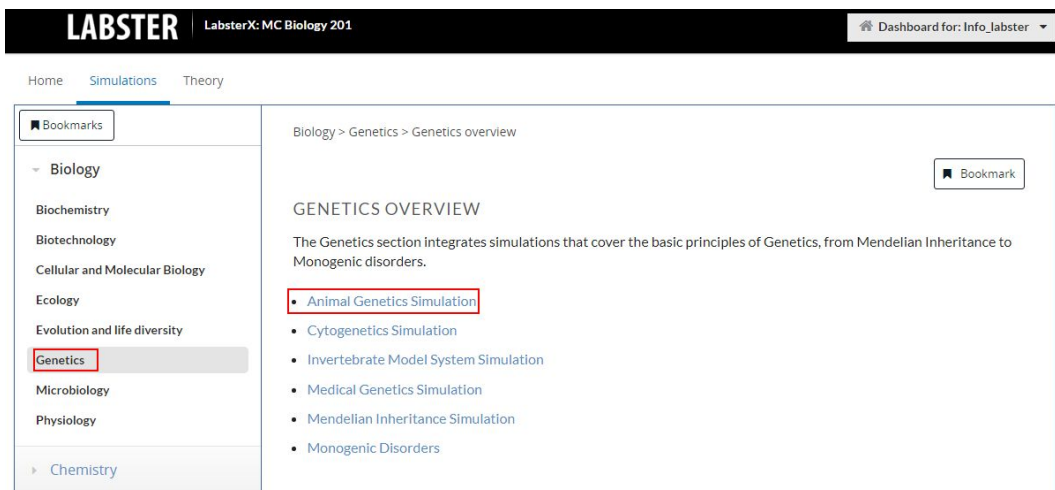
Need help?

Contact us at support@labster.com. We will get back to you within one working day. You can also call us at +45 5031 1163. We answer between 9.00 am and 5.00 pm Central European Time. Please note that we will not be available during Danish bank holidays.

Course Handouts

- [Instructor User Guide](#)
- [Student User Guide](#)

3. To start a simulation, click on the relevant subject and subsection.



LABSTER LabsterX: MC Biology 201 Dashboard for: Info_labster

Home **Simulations** Theory

Bookmarks

- Biology
 - Biochemistry
 - Biotechnology
 - Cellular and Molecular Biology
 - Ecology
 - Evolution and life diversity
 - Genetics**
 - Microbiology
 - Physiology
- Chemistry

Biology > Genetics > Genetics overview Bookmark

GENETICS OVERVIEW

The Genetics section integrates simulations that cover the basic principles of Genetics, from Mendelian Inheritance to Monogenic disorders.

- Animal Genetics Simulation**
- Cytogenetics Simulation
- Invertebrate Model System Simulation
- Medical Genetics Simulation
- Mendelian Inheritance Simulation
- Monogenic Disorders

4. click on the name of the simulation and select **Play Simulation**

LABSTER | LabsterX: MC Biology 201 | Dashboard for: Info_labster

Home | **Simulations** | Theory

Bookmarks

- Biology
 - Biochemistry
 - Biotechnology
 - Cellular and Molecular Biology
 - Ecology
 - Evolution and life diversity
 - Genetics**
 - Microbiology
 - Physiology
- Chemistry

Biology > Genetics > Genetics overview

Back to Genetics overview

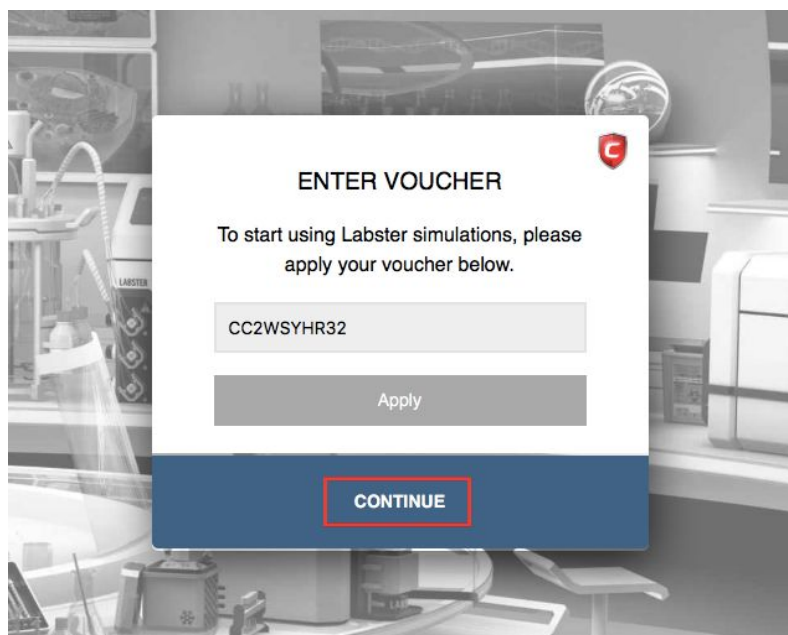
ANIMAL GENETICS SIMULATION

In the Animal Genetics Simulation, you will investigate a genetic condition that causes cattle to develop larger muscles. You will use PCR and gel electrophoresis to genotype cattle from a farm in order to discover the gene causing the double-muscling (DM) condition. You will then develop a genetic test to efficiently detect the gene. Will you be able to catch the farmers trying to illegally sell DM meat?

Play simulation

Note if granted access to course via a Course Code:

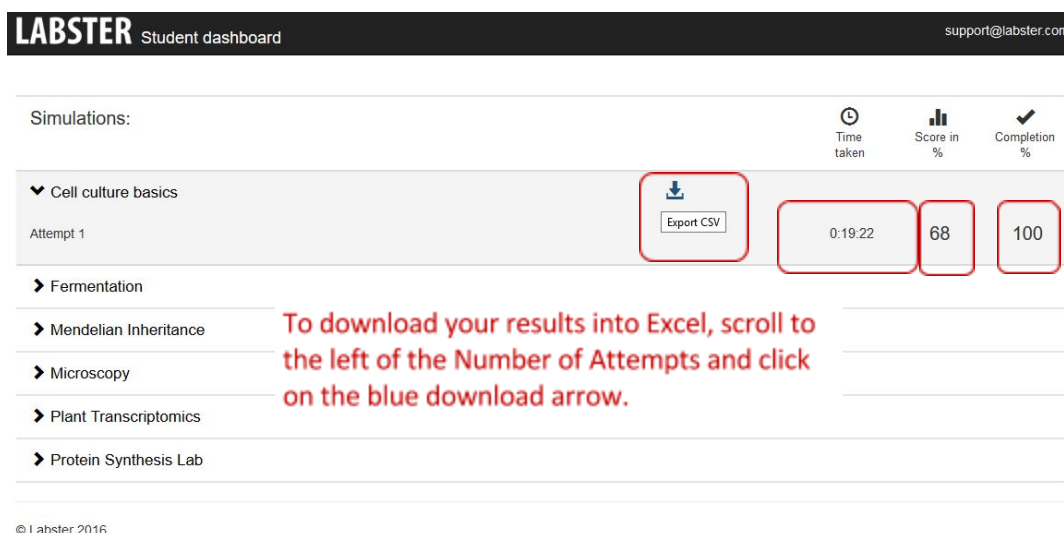
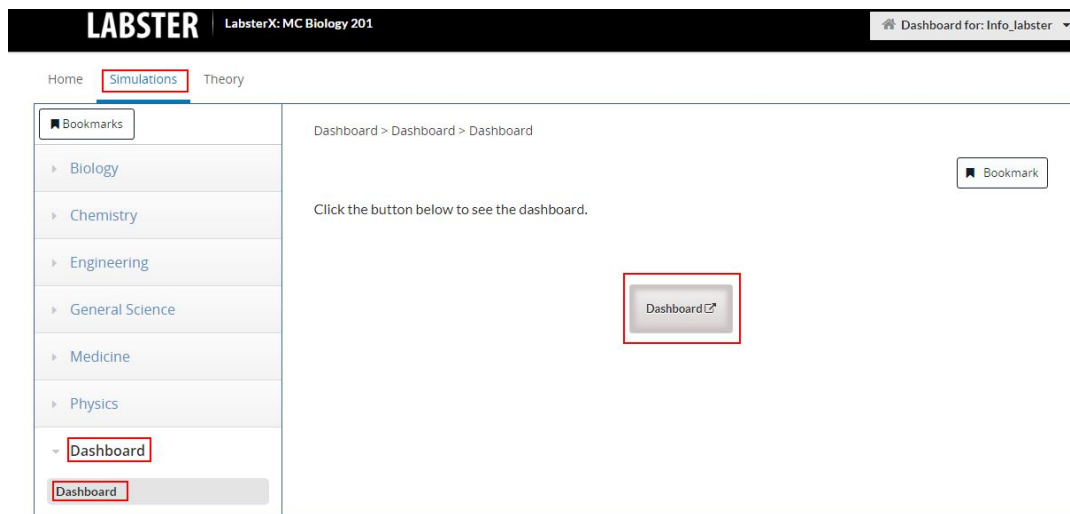
If you have been granted a Course Code to enrol yourself with into the course, please note that you will currently be met with a screen asking you to 'Enter Voucher'. In this case, please just click the 'continue' button and you will get access to the simulation. See image below:



How do I monitor my progress and scores?

You can play each simulations as many times as you like during your license validity dates. The simulations have saving points that allow you to save your progress, exit the simulation and come back to your latest saved point later. Each time you re-launch a simulation, you will be prompted whether you would like to Resume from the last saved game or Restart from the beginning. If you choose to start from the beginning, a new attempt will be created in your Dashboard.

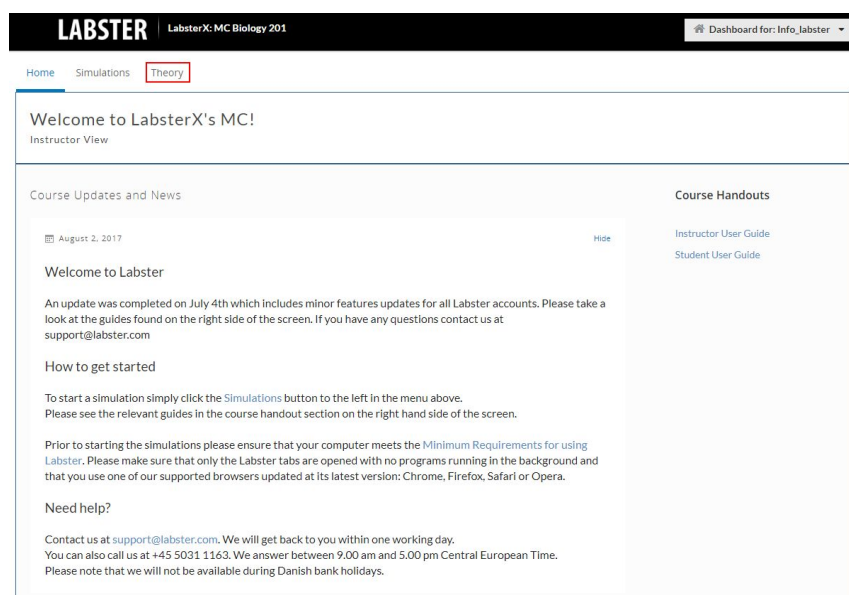
In your Dashboard you can see which simulations you played, your score and completion percentage associated for each attempt. Access your score dashboard by pressing the **Simulation** tab, then **Dashboard** and click the **Dashboard** button. A new window will show up.



- **Time Taken:** The amount of time you have spent completing the simulation.
- **Score in %:** This is calculated by taking the number of points you achieved divided by the total number of possible points.
- **Completion %:** The percentage of the simulation that you have completed.

How do I access the theory pages?

Click on the Theory tab. This tab contains a theory page for each simulation.



Requirements for using Labster:

Labster simulations can be used on laptop or desktop based computers, which meet the following requirements:

System:

- **Processor:** Dual core 2 GHz or higher
- **Memory:** 4 GB or more
- **Graphic card:** Intel HD 3000 / GeForce 6800 GT / Radeon X700 or higher
- **OS:** Windows (64-bit) or Mac OS

Usage:

- **Supported browsers:** Latest version of: Firefox, Chrome, Safari, and Opera
- Stable internet connection
- All other programs and browser tabs close

Who do I contact if I need help?

If you have questions regarding the credits allocated to the simulations, the deadline for completing them or about your course in general, please contact your instructor.

If you have any questions regarding your access to the simulations, payment or if you run into technical issues please contact Labster Support.

- Email: support@labster.com
- Phone: +45 5031 1163 (Available between 9.00 am and 5.00 pm Central European Time.)

Initial responses to your inquiries will be provided within 24 hours, with the exception of weekends and Danish National Holidays. For 2017, the following days are National Holidays: January 1st, March 29th and 30th, April 2nd and 27th, May 10th and 21st, June 5th, December 25th and 26th.