



CellaVision[®] Classroom Initiative

If you teach blood cell morphology, here's an opportunity to digitally upgrade your teaching methodology for FREE with CellaVision.

CELLAVISION



**Join CellaVision in exploring new methodologies
for modernizing morphology training.**

About CellaVision

We are the world-leading provider of digital solutions for medical microscopy in the field of hematology. We assist hematology labs and laboratory personnel in modernizing the process of performing cell differentials with our innovative product technology.

Supporting the next generation of laboratory personnel

CellaVision is committed to supporting the next generation of laboratory personnel and their learning institutions. Based on collaboration and feedback from hematology educators, we are proud to present the **CellaVision Classroom Initiative**.

Our offer

The CellaVision Classroom Initiative offers hematology educators the opportunity to digitally upgrade their teaching methodology. We help you digitalize through a range of FREE resources and tools from CellaVision. A complimentary license for the **CellaVision Proficiency Software** is included – a market leading competency software used by hematology laboratories all over the world.

Our invitation

The methodology and tool kit presented in this brochure are the starting point of fruitful collaborations between CellaVision and hematology educators. We are confident that you will find these resources helpful, and we look forward to receiving your feedback on how to develop them further.

How to apply

To apply, visit <https://www.cellavision.com/training/educators>.

Our four-step methodology, and the tools that support it.

01



Instruction

Free Tools:

- PowerPoint Presentation
- Software License

02



Student Self-Study

Free Tools:

- Morphology Wall Chart
- Morphology App
- Morphology Blog

In the **Instruction** phase, we offer educators two tools that promote clarity, student engagement, and knowledge retention. In the **Student Self-Study** phase, we offer students a suite of morphology reference material that complements mandatory reading material. The **Formative Assessment** and **Summative Assessment** phases can be modernized using the CellaVision educational software. The software simulates the process of performing cell differentials in an online learning environment.

03



Formative Assessment

Free Tool:
Software License

04



Summative Assessment

Free Tool:
Software License

Step 1: Instruction

Modernize your classroom presentation with a new set of tools.

Use the **CellaVision Cell Morphology PowerPoint slide deck** to enrich your lectures with a set of high-quality cell images. The presentation material covers both WBC and RBC morphology. It can be used to strengthen your existing presentations with new imagery or as completely new presentation material. Use your CellaVision Proficiency Software free license to provide a powerful classroom visualization of cells and complete cell differentials.

The **CellaVision Proficiency Software** is an educational software designed to promote learning and competency in cell morphology. When offered to educational institutions, it comes with databases of digitized blood slides. The database ranges from normal slides to more advanced, such as leukemias and myelomas.

To deliver engaging lectures, you can complement your PowerPoints with visuals from the software. The software effectively supports a new way of teaching and discussing difficulties in blood cell identification. This enables you to highlight differences and similarities between different cell types while they are presented in their proper context.



Step 2: Student Self-Study

Give your students access to useful reference tools and information sources.

Many of the **Morphology Reference Tools** that CellaVision have developed are useful for students. This material provides students with additional sources of information and blood cell images.

- Morphology Wall Chart
- Morphology App with lectures and a cell classification game
- Morphology Blog with posts including our popular "Mystery Cell Cases"



Step 3: Formative Assessment

Improve learning outcomes by embracing formative assessment.

Use **CellaVision Proficiency Software** to create and distribute out-of-classroom assignments using the provided databases of digitized blood smears. The software creates scenarios that simulate the real-life process of performing cell differentials. It effectively trains students in making morphological assessments and classification decisions.

Once the assignment is completed, you are presented with a performance summary. This makes it easy to track each student's comprehension, identify strengths and weaknesses, and provide feedback. Formative assessment and feedback, enabled by our software, will provide both you and your students with useful information, while revisiting challenging topics.



Step 4: Summative Assessment

Support and facilitate summative assessment.

Use the **CellaVision Proficiency Software** to support summative assessment of students' performance and their retention of learning objectives.

The software makes it easy to set-up, deliver, and manage assessments in a structured and controlled way. It is simple to create a series of assessment scenarios. Let your students perform the differentials online, and allow the software to provide the summaries you need for student grading.



Get started in four easy steps

1. Go to <https://www.cellavision.com/training/educators>
Complete the web-based application form. To qualify, your program needs to:
 - Belong to an accredited educational institution
2. When your application is approved, you will receive a welcome e-mail with log-in details. When logged in you can access and download all the tools and resources
3. Familiarize yourself with the **CellaVision Proficiency Software**
4. Start using the toolkit in your classroom