

# Certification in Endocannabinoid Science

A foundational learning system designed to introduce the endocannabinoid system (ECS) and its therapeutic context.

To advance a consistent scientific understanding of the human endocannabinoid system, Havas ECS developed the **Certification in Endocannabinoid Science** Learning System. Designed to introduce the endocannabinoid system (ECS) and the scientific basis for its therapeutic context, this learning system is ideal for cannabis industry professionals, policy makers, patients, parents, and caregivers. Upon successful completion, participants receive a Certificate in Endocannabinoid Science. To preview the learning system visit [www.cannabissciencetech.com/courses](http://www.cannabissciencetech.com/courses)

### Physiologic Roles of the ECS<sup>2-4</sup>

**Nervous System** —

- Learning, memory, cognition
- Motor control
- Anxiety and depression
- Appetite and food intake
- Reward and addiction
- Neuroprotection
- Neural development
- Sleep
- Nociception
- Nausea and emesis

**Liver** +

**Reproductive System** +

**Cardiovascular System** +

**Musculoskeletal System** +

**Gastrointestinal System** +

**Other** +



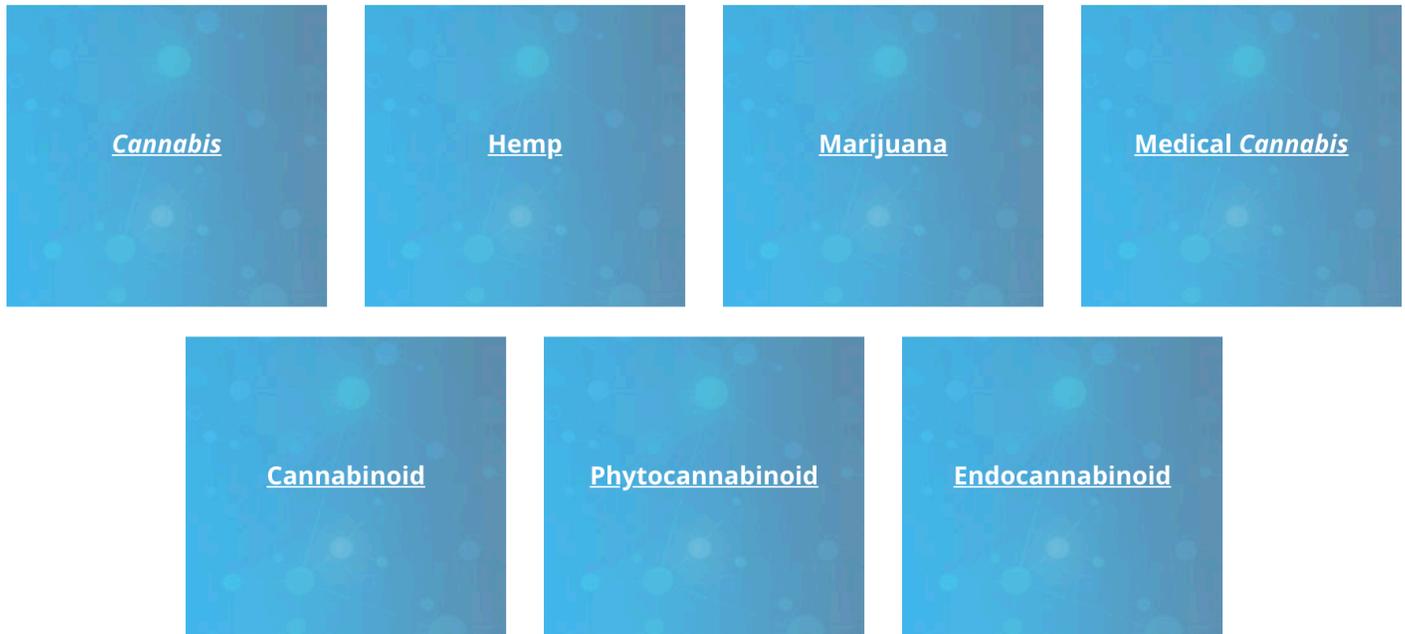
Havas ECS (Endocannabinoid Science) is an education and communications services company committed to health professional understanding of the endocannabinoid system to better inform clinical decision making.



*Cannabis Patient Care* is a scientific publication that serves to educate physicians, patients, nurses, pharmacists, caregivers, researchers, and advocates, on specific diseases and conditions related to medical cannabis. *Cannabis Patient Care* is a companion publication of *Cannabis Science & Technology*.

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The Certification in Endocannabinoid Science Learning System introduces the ECS and its therapeutic context. Participants will become acquainted with endocannabinoids, phytocannabinoids, and approved cannabinoid therapeutic products, as well as ECS targets.



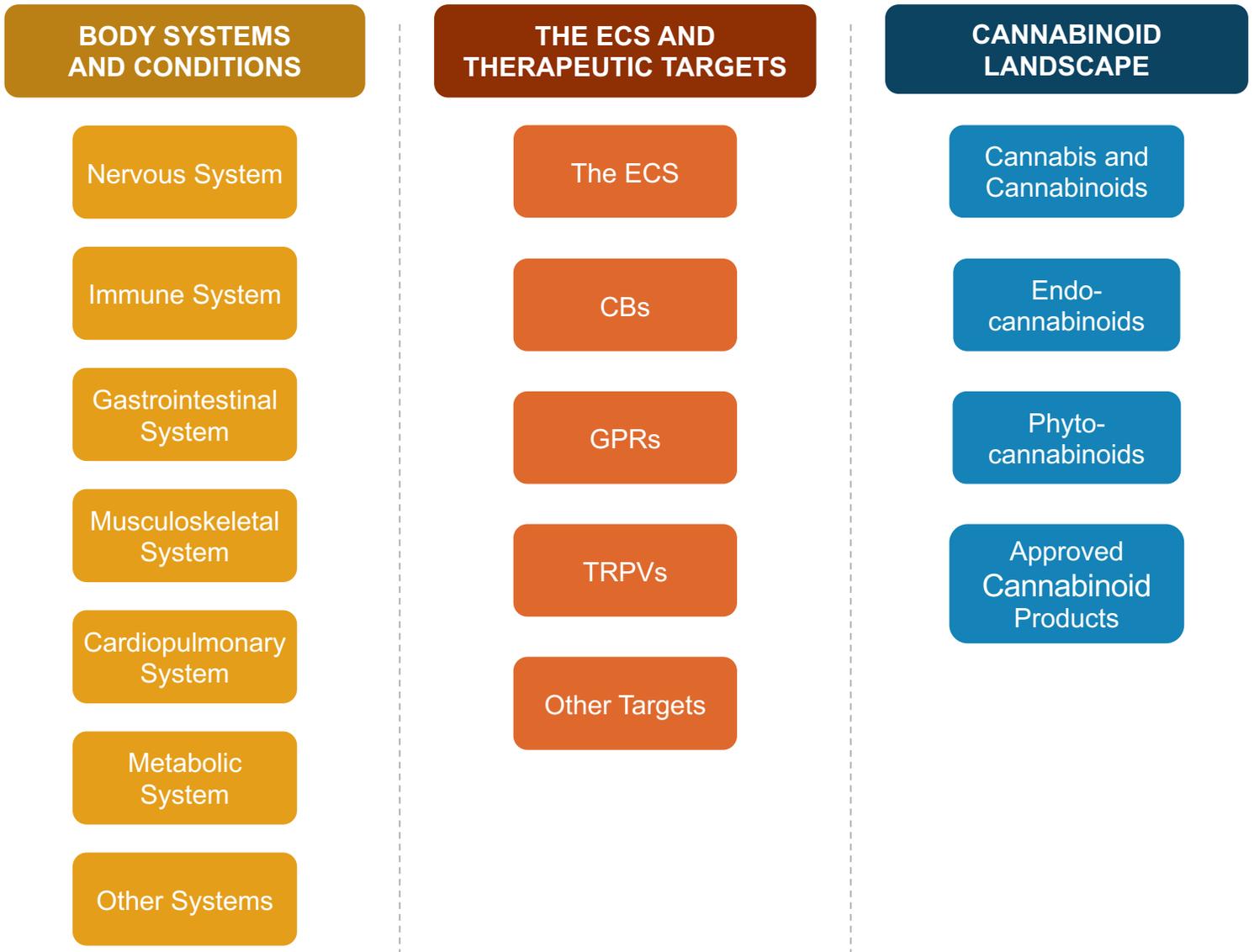
The knowledge gained from completing this Certification in Endocannabinoid Science Learning System will allow participants to:

- Explain the components and functions of the ECS and the body systems they most impact
- Identify key receptors that are potential therapeutic targets in the ECS
- Become familiar with endocannabinoids, phytocannabinoids, and cannabinoid products
- Connect medical conditions to the cannabinoid products that are approved to treat them
- Describe the therapeutic potential of the ECS and conditions that may be treated with cannabinoids

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Topics covered include:



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