

Gastroenterologist's guide to stem cells

Stuart McDonald

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Online Course

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An online educational course covers stem cell biology in the gastrointestinal tract, including definitions, locations, homeostasis, regeneration, metaplasia, and tumour heterogeneity.

KEY POINTS

- Stem cells are primitive and undifferentiated cells in human tissues with self-renewal, multipotency and longevity properties, responsible for cellular regeneration within the gastrointestinal tract and playing essential roles in different GI pathologies such as Barrett's oesophagus.
- The course by Simon Leedham and Stuart McDonalds includes comprehensive PPT slides and video presentations filmed in London in December 2022, with figures, schemes, and further readings.
- The combined material has a total duration of approximately 60 minutes, with an estimated 60 minutes needed to complete the course including the final assessment.
- The course is suitable for gastroenterologists in training, nurses, basic scientists in gastroenterology, medical students with interest in gastroenterology, and other physicians in oncology, regenerative medicine, and research.

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