

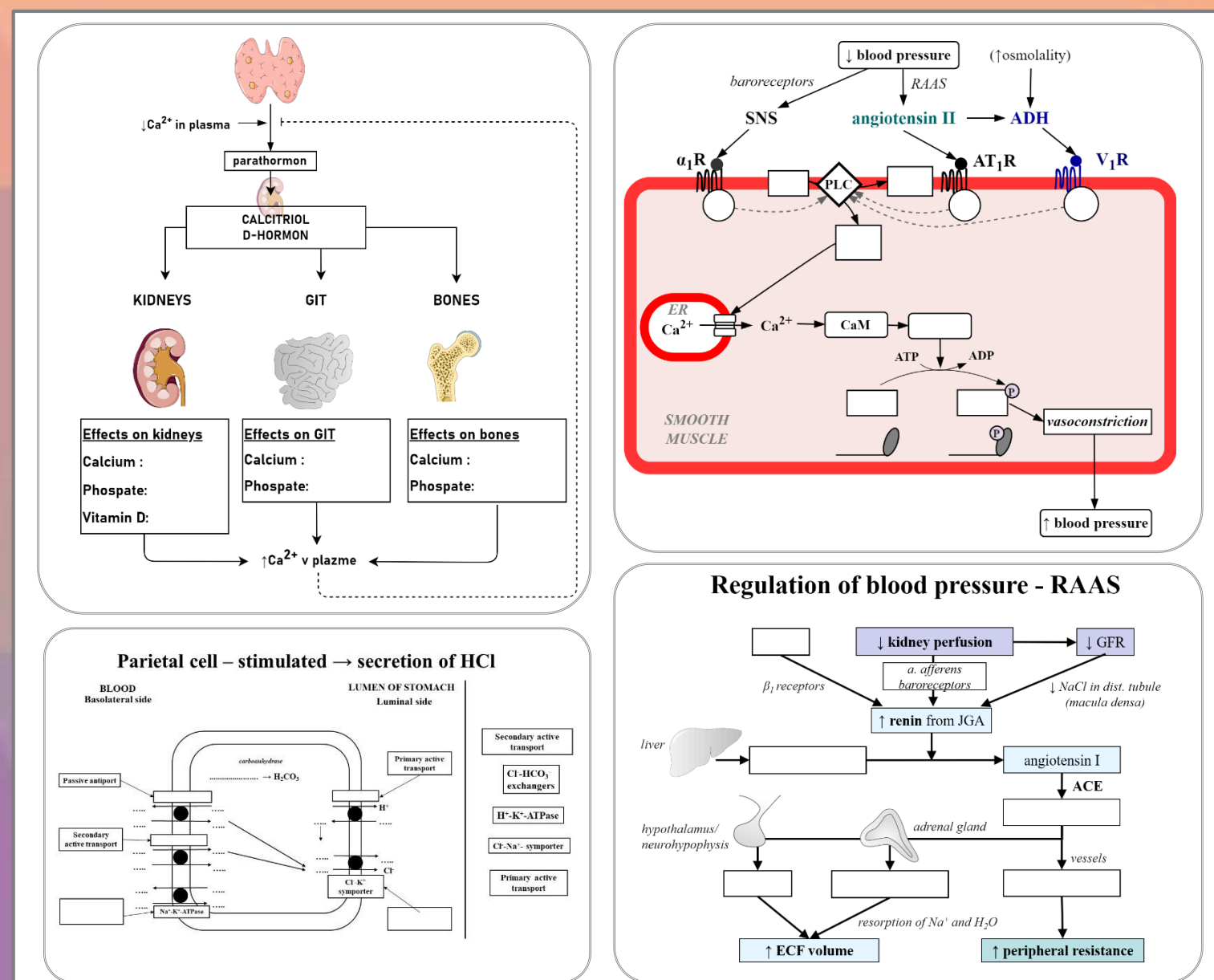
Innovating Medical Biochemistry education: Promoting active learning and soft skill development

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Challenges

- motivate students for home preparation
- increase student participation in the classes
- increase the attractiveness of the subject

Fill in the blanks activities



Design

Medical Biochemistry
The 2nd year General Medicine students
(n = 43, selected topics = 3)

GROUP WITH INNOVATION

GROUP WITHOUT INNOVATION

APPLIED METHODS

Kahoot

Think-pair-share

- Fill in the blanks activities

APPLIED METHODS

Test

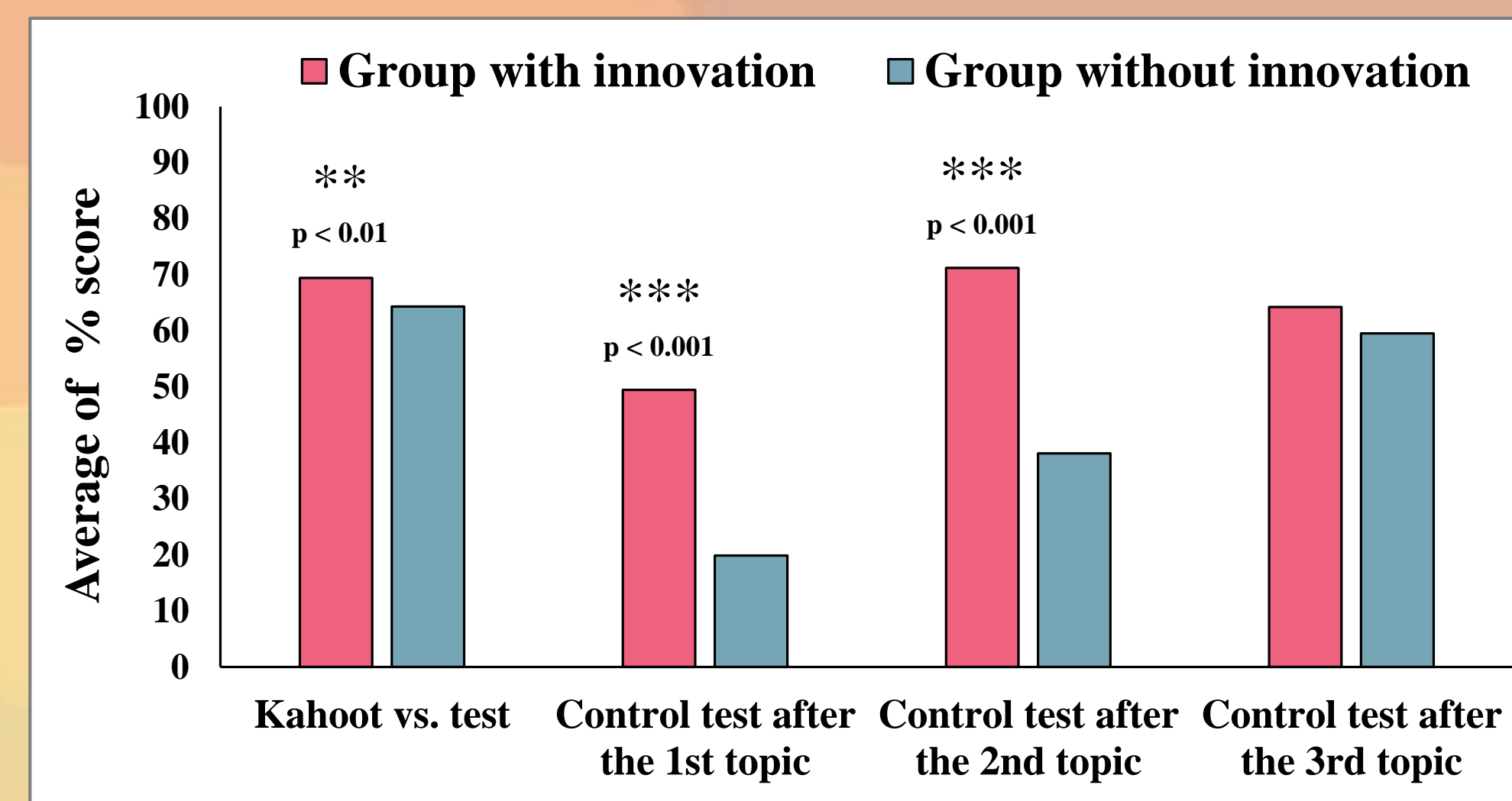
Dialogic teaching

- Guided discussion

SOURCES OF DATA

Kahoot, Tests results, Control tests results, Teacher's journal, Questionnaire, Observation of a colleague

Results and conclusions



- Kahoot results were significantly better compared to a regular test.
- The results of control tests after the 1st and 2nd topics were significantly better in the innovation group.
- The innovation increased student participation in the classes, supported the development of soft skills, and contributed to enhancing the attractiveness of the subject.