

CGCM 2026

Session 2: 29 Submitted Abstracts

TCM Diagnosis, Preventive Medicine & Healthcare

Session Summary for 9 Oral Presentations with about 120 participants

SESSION CHAIRS

Chairman: Hen-Hong Chang

Co-Chairman: Warren Hsing-Yu Chen

Panelists: Chien-Jung Lin, Ki Kwon, Yu-Cheng Kuo

July 25th, 2026

1

NO-2-2

Heated Chinese Herbal Patch Therapy for Chemotherapy-Induced Aplastic Anemia

Presenter: Ming-Huei Cheng

- **KEY FINDING**

A four-arm comparison (heated CHM patch, heat-only, patch-only, sham) in 40 patients over 12 weeks. The heated patch produced a directional rise in neutrophil and lymphocyte percentages.

- **DISCUSSION FOCUS**

Subset percentages can outrun total WBC in small samples. Acupoint selection needs a reproducible anatomical and TCM rationale beyond expert consensus.

Harmonic Analysis of Radial Pulse After Zusanli (ST-36) Laser Stimulation

Presenter: Yu-Cheng Kuo

● KEY FINDING

A randomized physiological study measured immediate radial pulse harmonic changes after controlled ST-36 laser stimulation, characterizing wavelength, frequency, and power as measurable doses.

● DISCUSSION FOCUS

Separate dose-response physiology from pragmatic effectiveness.
Comparing laser, needle, and electroacupuncture requires a different design with clinical endpoints.

3

NO-2-6

TCM Pulse and Clinical Factors Associated with Frailty in Older Adults

Presenter: Tran Nhat Phong Dao

- **KEY FINDING**

A cross-sectional study combining clinical variables with TCM pulse parameters. A model adding pulse parameter C7 achieved strong discrimination for women's frailty.

- **DISCUSSION FOCUS**

Report device model, calibration, sampling rate, filtering, and repeatability. Sensitivity analyses excluding noise harmonics would strengthen confidence.

4

NO-2-10

Clinical Criteria for Five Retardations (Wu-chi) via Multi-source Evidence Synthesis

Presenter: Chieh-Min Chang

● KEY FINDING

A diagnostic-therapeutic framework linking ASD-related features to TCM patterns, built from classical literature, databases, expert knowledge, practitioner surveys, and multivariate analysis.

● DISCUSSION FOCUS

State whether “core” means frequency across sources, association strength, expert-agreement threshold, or multivariate stability.

Questionnaires need validated reliability before external validation.

5

NO-2-11

Expert-Driven Fuzzy MCDM for Acupuncture Strategies in Post-COVID Syndrome

Presenter: Mei-Chen Lo

- **KEY FINDING**

A DEMATEL- and AI-supported framework linking TCM syndrome differentiation to acupuncture strategy, aiming at intelligent decision support for complex symptom clusters.

- **DISCUSSION FOCUS**

State how the consensus experts were selected and how weights were derived. Define post-COVID syndrome, validate the syndrome classification, and then test treatment.

6

NO-2-13

Anticancer Effects of *Calotropis gigantea* Stem Bark Extract in HCC Models

Presenter: PIYARAT SRISAWANG

● KEY FINDING

A preclinical in vitro and in vivo evaluation of stem bark extract and active fractions in HCC models, emphasizing cardiac glycoside activity and a lower-cost alternative to the traditionally used flower.

● DISCUSSION FOCUS

Tumor-bearing models support anticancer treatment activity, not prevention. A cirrhosis or pre-malignant model is needed for chemoprevention claims. Address toxicity and extract standardization.

Potential Vocal Biomarkers of Oral Frailty in Older Adults

Presenter: Shiau-Jin Lin

- **KEY FINDING**

A cross-sectional study linking vocal acoustic parameters to oral frailty, connecting oral muscle function, swallowing, and phonation for scalable screening in an aging society.

- **DISCUSSION FOCUS**

Translate the most predictive acoustic variable into a biological mechanism such as tongue and jaw mobility, laryngeal control, or swallowing coordination, and define its screening workflow.

Seasonal Variation in Blood Pressure Waveforms and Harmonic Characteristics

Presenter: Chao-Hsien Chen

- **KEY FINDING**

An observational study of 15 adults across an annual cycle, pairing radial artery waveforms with meteorological data. The 2nd and 4th harmonics were most affected by temperature.

- **DISCUSSION FOCUS**

Frame the result as environmental modulation of waveforms, not a stand-alone biomarker.

Control indoor temperature, circadian timing, medication, hydration, and autonomic state.

Yang-Tonifying Herbal Formula in Regulating Bone Remodeling

Presenter: Hoang Chau Le

● KEY FINDING

In MG-63 osteoblast-like cells and a zebrafish glucocorticoid osteoporosis model, the aqueous formula promoted mineralization and reversed prednisolone-induced bone loss.

● DISCUSSION FOCUS

Add concentration control, exposure duration, and chemical markers of uptake. A decoction model may underrepresent hydrophobic constituents and should be distinguished from purified-compound pharmacology.

SESSION S2: CLOSING MESSAGE

Globalizing means making TCM theory evidence-based, transparent, measurable, and reproducible

ACROSS 9 REPORTS

Clinical pilot trials, physiological measurement, expert frameworks, preclinical models, geriatric biomarkers, applying AI model.

NEXT METHODOLOGICAL PRIORITIES

- Transparent data source
- Validated instrument with reported reliability
- Clearly defined population
- Translational model match to the claim
- Subjective TCM diagnosis anchor to objective evidence