



Transformation
Towards the Ultimate

WORLD CLASS PROFESSOR
UNIVERSITAS SUMATERA UTARA

**Kampus
Merdeka**
INDONESIA JAYA



Jalan Bioteknologi No. 1 Kampus USU Padang Bulan, Medan-20155

CERTIFICATE

No. 3612/UN5.2.1.8/SSA/2021

Presented to

Prof. Dr. Aman Sentosa Panggabean, M.Si.

Has well participated as

PARTICIPANT

For Attending Seminar: "Functional Materials 2021-2026"

Tuesday, October 05, 2021

Rector of Universitas Sumatera Utara



Dr. Muryanto Amin, S.Sos., M.Si.

NIP 19740930200511002

Dean of Faculty of Mathematics and Natural Sciences
Universitas Sumatera Utara



Dr. Nursahara Pasaribu, M.Sc

NIP 196301231990032001



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Keynote Speaker	Topic	Duration
Assoc. Prof. Dr. Suriati Paiman	Materials for Applied Optoelectronic	2 Hours
Dr. Subur Pasaribu	Trend Materials on Medicine	2 Hours
Islah Makbul	Analyzed Functional Materials with Micro XRF	2 Hours
Rikson Siburian, Ph.D	Trend Research in Graphene Field	2 Hours
Dr. Lisnawaty Simatupang	Synthesize of Silica	2 Hours
AMOUNT		10 Hours