

**Keyword :** genetic diversity, marker development, forage

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### **Education background**

B. Sc. (Public Health)	Khon Kaen University	1992
M. Sc. (Genetics)	Kasetsart University	1997
Ph.D. (Agronomy)	University of Nebraska-Lincoln, USA	2005

### **Courses taught**

01416311 Principle of Genetics  
01416312 Laboratory of Genetics  
01416421 Human Genetics  
01416453 Introductory Molecular Genetics  
01416511 Intensive Genetics  
01416557 Plant Molecular Genetics  
01416571 Population and Quantitative Genetics  
01416596 Selected Topics in Genetics (DNA Markers and Applications)  
01406681 Advanced Cell and Molecular Biology

### **Research interests**

My work emphasizes on genetic diversity and improvement of forage crops. My projects focus on using molecular tools to assess genetic variation of *Houttuynia* and alyce clover and developing DNA-based markers linked to smut resistance in guinea grass.

### **Funding/Grant**

Kasetsart university research and development institute

National research council of Thailand

**Publications**

Kuleung, C., P. S. Baenziger and I. Dweikat. (2004) Transferability of SSR markers among wheat, rye, and triticale. *Theoretical and Applied Genetics* 108:1147-1150.

Kuleung, C., P. S. Baenziger, S. D. Kachman and I. Dweikat. (2006) Evaluating the genetic diversity of triticale with wheat and rye SSR markers. *Crop Science* 46: 1692-1700.