

## The University of Shizuoka's Aims

#### Aims

The University of Shizuoka has the following aims for education, research, contributing to the community and international relations.

### Education

Putting students first, we will improve their quality of life and provide fine-tuned, high-level, excellent education, developing human resources who contribute to society. Research

Aware of being the highest educational institution in Shizuoka Prefecture, we will gather highlevel, original academics and promote research that gets international recognition.

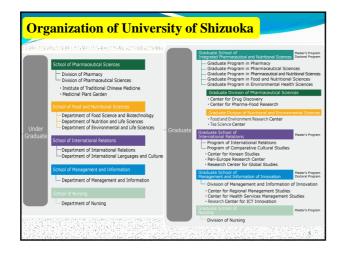
## Contributions to the Community

In response to citizen mandates, we will promote ties with the prefectural government and local industry, providing results to the community through research made possible by excellent education and academics.

#### International Exchange

We will actively take in students and researchers from foreign countries, and by spreading information across the world, strongly promote international relations in Shizuoka Prefecture.

The University of Shizuoka aims to utilize academic and personnel resources to their maximum hieve these goals



## **Research** activities

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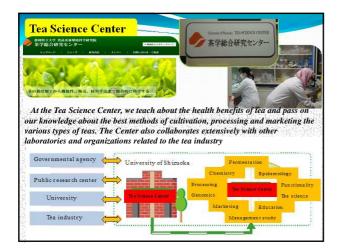


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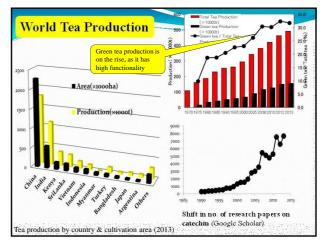
ter-university Agreements	a these overseas institutions.		
<ul> <li>California State University, Sacramento United States</li> </ul>	Bogazici University		
Roger Williams University     Inited States	<ul> <li>Lille Institute of Political Studies France</li> </ul>		
Mahidol University Theland	Griffith University     Australia		
Free University of Brussels     Beleium	The University of Arizona United States		
University of California, Davis	Newcastle University     United Kingdom		
<ul> <li>Bremen University of Applied Sciences</li> <li>Germany</li> </ul>	<ul> <li>Zhejiang Academy of Medical Sciences China</li> </ul>		
University of Nebraska, Lincoln United States	<ul> <li>University of the Philippines</li> <li>Philippines</li> </ul>		
<ul> <li>University of California, Berkeley United States</li> </ul>	<ul> <li>Moscow State Institute of International Relations Busia</li> </ul>		
The Ohio State University     United States	<ul> <li>California State University, Northridge United States</li> </ul>		
Khon Kaen University Theland	<ul> <li>Zhejiang University (formady Hangrhou University) China</li> </ul>		
Yonsei University     South Korea			
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Mahidol University Theiland	Dongseo University South Korea		
Zhejiang University     China	<ul> <li>Foreign Policy Association of the Republic of Moldova Moldova</li> </ul>		
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Roger Williams University United States	The Ohio State University United States		
California State University, Sacramento	Zhejiang University     China		





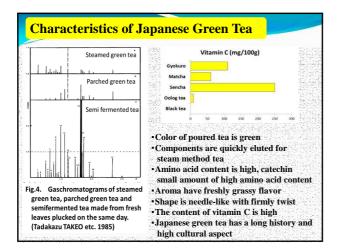


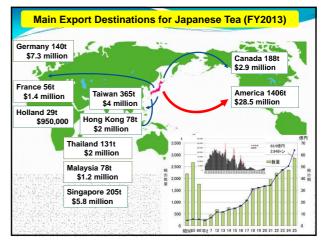


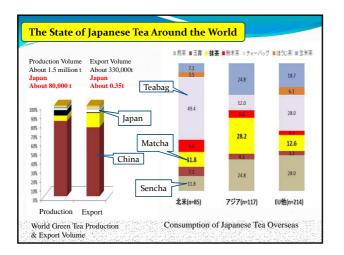


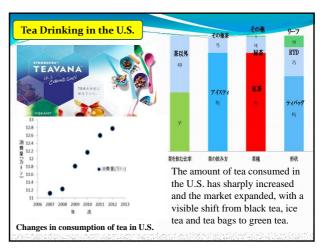


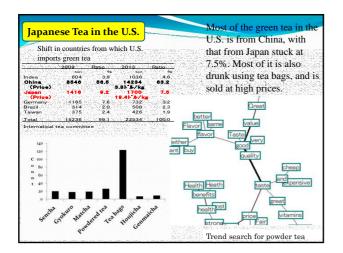








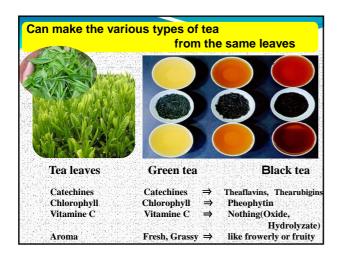


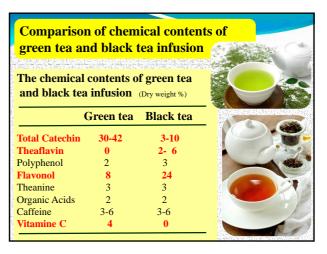


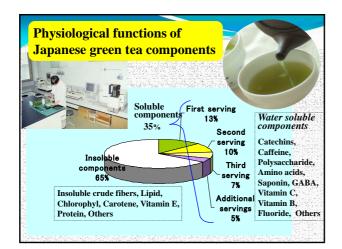


	nt Characto n of Japane		tea Carta		
			Encircles of discussion prior text		
Primary <b>Nutrition</b>	Nutritional	Vitamins	VitaminC, VitaminE, $\beta$ Carotene,		
Function	Function	Minerals	Potassium, Posphorus, Zinc, Manganese etc		
	Taste	Theanine, Amino acid, Catechins, Caffeine etc			
Secondary	Sensory	Aroma	Terpene, Alcohol, Ester etc		
Function	Function	Color	Flavonol, Theaflavins, Chlorophyll		
Tertiary Function	Body Modulating Function	Catechins, Flavonol, Caffeine, Vitamins, Amino acid, Minerals etc.			

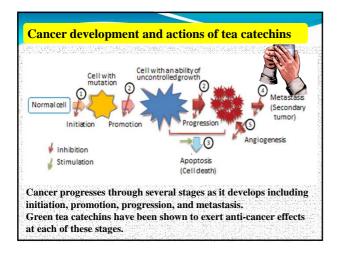
Physiological functions of green tea components						
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Green Tea Components	Contents	Functions				
Catechins	10~18%	Anti-oxidative, radioprotective, Anti- mutagenic, Anti-tumor, Enzyme inhibitory, Anti-hypercholesterolemic, Anti-hyperglycemic, Fat reducing, Anti- hypertensive, Anti-ulcer, Anti-bacterial etc.				
Caffeine	3~4%	Removal of fatigue, Sleepy feeling, Diuretic etc.				
Vitamin C	150~250mg%	Removal of stress, Cold prevention				
Vitamin B	1.4mg%	Excitometabolic action of carbohydrates and amino acids				
Vitamin E	25~70mg%	Anti oxidative, Aging prevention				
γ amino butyric acid	0.1~0.2%	Anti hypertensive				
Flavonoids	0.6~0.7%	Halitosis prevention				
Theanine	0.6~2%	Anti hypertensive				











# Epidemiological studies on correlation between green tea intake and the risk of human cancer

Study type	Cohort		Case-control		
Study type -	Risk reduction	No risk reduction	Risk reduction	No risk reduction	
Colon	3	6	4	3	Cohort study:
Lung	0	4	2	3	a group of similar
Stomach	2	6	8	8	individuals who differ
Osophagus	0	2	4	5	with respect to certain
Breast	3	5	3	0	factors under study to
Prostate	2	0	2	0	determine how these factors affect the rates of
Ovaries	1	0	2	0	a certain outcome.
Pancreas	0	2	2	1	Case-control study:
Kidney and bladder	0	1	1	4	two existing groups differing in outcome are
liver	1	0	0	0	identified and compared
Endometrium	0	0	2	1	on the basis of some
Thyroid	1	1	0	0	supposed causal attribute.
Blood	1	0	0	0	

