

## Data of Supervisors of the Doctoral School at WPUT

Supervisor: (academic titles and degrees, name and surname)	<b>dr hab. inż. Joanna Żochowska-Kujawska, prof. ZUT</b>
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Scientific Discipline(s):	food and nutrition technology
Research Areas (max. 2000 characters):	<p>The basic research issue is the qualitative characteristics of meat from various species of game and farm animals, including histological and histochemical analysis and measurements of mechanical properties, including:</p> <ol style="list-style-type: none"> <li>1. The effects of biological factors (including genetic factors - species, breed, genotype, physiological factors - muscle type, sex, age, and breeding - environmental - nutritional conditions) on the structural and mechanical properties of meat.</li> <li>2. The use of histochemical and histological properties of meat raw materials to determine the suitability of meat from game and slaughter animals for the production of culinary meat and meat products, modification of the properties of meat raw materials.</li> <li>3. The effect of technological process parameters and recipe composition on the quality of meat products.</li> <li>4. The use of unconventional or low-value meat raw materials in the design of food aimed at the modern consumer.</li> <li>5. The use of contemporary local raw material resources and traditional recipes in the design of food with improved sensory quality and nutritional value.</li> </ol>
Keywords (max. 10):	meat, unconventional raw materials, traditional and regional products, histochemical properties, texture, functional food