

## French Embassy Scientific Awards 2019 - Results

<b>Becquerel Prize 2019 in Nuclear Research</b>				
1 <sup>st</sup> Prize	Valenta	Stanislav	Charles University	Gamma decay of highly excited nuclear level
2 <sup>nd</sup> Prize	Ševeček	Martin	Czech Technical University in Prague	Limiting Characteristics of Accident Tolerant Fuels
3 <sup>rd</sup> Prize <i>ex aequo</i>	Fortova	Anna	University of West Bohemia	Molten salt energy storage
3 <sup>rd</sup> Prize <i>ex aequo</i>	Cesnek	Martin	Czech Technical University in Prague	Structural transformation processes of materials used in nuclear devices
<b>Albert Schweitzer Prize 2019 in Medicine</b>				
1 <sup>st</sup> Prize	Plachý	Lukáš	Charles University	Etiology of familiar short stature
2 <sup>nd</sup> Prize	Novák	Jan	Masaryk University	Circulating microRNAs as non-invasive markers of rejection after heart transplantation
3 <sup>rd</sup> Prize	Hympánová	Lucie	Charles University	Translational research into novel therapies for pelvic floor disorders
<b>Jacques Derrida Prize 2019 in Humanities and Social Sciences</b>				
1 <sup>st</sup> Prize	Drechselová	Lucie	Czech Academy of Sciences	Women and local power: processes of mobilization and female political pathways in Turkey
2 <sup>nd</sup> Prize	Kaše	Vojtěch	University of West Bohemia	Tracing the Origins of Eucharistic Magic: On the Role of Cognitive Attraction of Early Christian Rituals
3 <sup>rd</sup> Prize	Lacková	Ľudmila	Palacký University	Linguistic Approach to Protein Folding
CEFRES platform Award	Janeček	Václav	Charles University	Ownership of personal data in the Internet of Things

<b>Jean-Marie Lehn Prize 2019 in Chemistry</b>				
1 <sup>st</sup> Prize	Polák	Peter	University of Chemistry and Technology	Utilisation of bromoenol phosphate templates for synthesis of molecules applicable in medicinal chemistry and material science
2 <sup>nd</sup> Prize	Němec	Václav	Masaryk University	Synthesis of new highly potent and selective inhibitors of protein kinases (and Hh signaling)
3 <sup>rd</sup> Prize	Hynek	Jan	Czech Academy of Sciences	Novel metal-organic frameworks with high sorption capacity
Special Prize	Bednářová	Eva	Charles University	Synthesis and Application of New Bipyridine Ligands
<b>Joseph Fourier Prize 2019 in Computer Science</b>				
1 <sup>st</sup> Prize	Mrázek	Vojtěch	Brno University of Technology	Automated Design Methodology for Approximate Low Power Circuits
2 <sup>nd</sup> Prize	Durkota	Karel	Czech Technical University in Prague	Game Theoretic Approach to Security Configuration Problems
3 <sup>rd</sup> Prize	Nečasová	Tereza	Masaryk University	Statistical methods for comparison of real and synthetic biomedical image data
Special Prize	Maršík	Ladislav	Charles University	Music Information Retrieval
<b>Sanofi Prize 2019 in Pharmacy</b>				
1 <sup>st</sup> Prize	Loukotová	Lenka	Czech Academy of Sciences	Novel hybrid polysaccharide-based polymers for immunoradiotherapy
2 <sup>nd</sup> Prize	Hyršová	Lucie	Charles University	New aspects of pregnane X receptor function and regulation
3 <sup>rd</sup> Prize <i>ex aequo</i>	Lhotská	Ivona	Charles University	Modern chromatographic techniques in food contamination analysis
3 <sup>rd</sup> Prize <i>ex aequo</i>	Kudláček	Jan	Czech Academy of Sciences	Understanding the long-term dynamics in seizure probability – implications for drug therapy optimization and identification of new therapeutic targets in epilepsy