

Zuzana KRONEKOVÁ

EDUCATION AND TRAINING

1996-2001

M. Sc., Molecular biology, Faculty of Natural Sciences, Comenius University, Bratislava, Slovakia

2001-2005

Ph.D., Genetics, International Max-Planck Research School at the University of Technology, Dresden, Germany

POSITIONS

2000-2001

Diploma thesis at Comenius University, Faculty of Natural Sciences, Bratislava, Slovakia

2001-2005

Doctoral fellowship at International Max Planck Research School, University of Technology, Dresden, Germany

2005-2006

Post-doctoral position in Department of Tumor Biology, Centre of Oncology-Maria Skłodowska-Curie Memorial Institute, Gliwice, Poland

since 2006

Post-doctoral position at Polymer Institute, Slovak Academy of Sciences, Bratislava, Slovakia

WORK INTERESTS

Diabetes care: I participate on the project of P.CÉZANNE that is aimed to develop a novel minimum invasive and long term implantable glucose sensor for continuous blood glucose (BGL) monitoring. I specialize on in vitro tests to evaluate cytotoxicity of polymeric materials using cell cultures. Furthermore I work on preparing the cells for encapsulation, after which the cells viability is studied.

Biosensor design: Anti-fouling properties and biocompatibility of polymeric materials is studied.