

## THE CONNECT4CHILDREN PROJECT (C4C): COLLABORATION IN NEONATOLOGY AND PEDIATRIC CLINICAL PHARMACOLOGY – UPDATE 2019

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**Introduction:** The Connect4Children project is planned for the period 2018-2024 (<http://www.imi.europa.eu/>). Charles University joined the project on December 23, 2017, and the Institute of Pharmacology, First Faculty of Medicine and the General University Hospital together with the Department of Pediatrics and Adolescent Medicine, First Faculty of Medicine and the General University Hospital became the coordinating center for the Czech and Slovak Republic.

**Objective and methods:** The aim of the project is to create a pan-European network of clinical centers for pharmacology education and pediatric clinical education and clinical trials. Charles University will take part in the project by engaging in a network of clinical centers, pharmacological research in pediatrics and neonatology, linked to the Czech National Hub represented by CzechPharmNet as the educational module (Module 9-GCPC4c) aimed at creating an integrated education system for all involved in pediatric clinical trials. Charles University will build the infrastructure of networking centers focusing on multidisciplinary approach also (A multidrug PK/PD analysis for anticonvulsive pharmacotherapy in neonates and children up to three years of age). Moreover, the educational approach has been developed (Educational software for teaching pharmacokinetics and therapeutic drug monitoring **PkEdu**) with ESPNIC linked to CzechPharmNet and Charles University.

**Conclusion:** The project calls upon all workplaces in the Czech and Slovak Republics to cooperate in the field of neonatology and pediatric clinical pharmacology and has been introduced and established by the Charles University.

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CZ web: <https://c4c.cuni.cz/C4C-1.html>

twitter: <https://twitter.com/Connect4Childr1>

youtube: [https://www.youtube.com/channel/UCrFK0dMJijZ22\\_MlhC0Dh5A](https://www.youtube.com/channel/UCrFK0dMJijZ22_MlhC0Dh5A)

FB: <https://www.facebook.com/Connect4Children>