

HRZZ project: Genotype-Phenotype correlation in Alport's syndrome and Thin Glomerular Basement Membrane Nephropathy



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About the project



- Project leader: professor Danica Galešić Ljubanović, MD, PhD
- Duration: 01.09.2015. – 31.08.2019.
 - 4 project periods (years)
- Participating institutions:
 - Univerity of Zagreb, School of Medicine
 - Dubrava University Hospital, Merkur University Hospital, University Hospital Center Rijeka, Zagreb, Split, Sisters of Mercy and Children's Hospital Zagreb

• Investigators

'nephrologists'

- Prof. Krešimir Galešić, MD, PhD
- Prof. Danica Batinić, MD, PhD
- Prof. Danko Milošević, MD, PhD
- Prof. Marijan Saraga, MD, PhD
- Ivica Horvatić, MD, PhD
- Marija Perica, MD
- Matija Crnogorac, MD
- Prof. Mladen Knotek, MD, PhD
- Martin Ćuk, MD

'pathologists'

- Prof. Danica Galešić Ljubanović, MD, PhD
- Petar Šenjug, MD
- Ass. Prof. Marijana Ćorić, MD, PhD
- Prof. Merica Glavina Durdov, dr.med
- Prof. Gordana Đorđević, dr.med
- Ass. Prof. Stela Bulimbašić, MD, PhD
- Anamarija Bauer Šegvić, molecular biologist

'geneticists'

- Prof. Nina Canki Klain, MD, PhD
- Prof. Tamara Nikuševa Martić, PhD
- Kristina Meljanac Salopek, PhD
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- Special thanks to:
 - Professor Mirjana Sabljarić Matanović, MD, PhD
 - Professor Fran Borovečki, MD, PhD
 - Kristina Gotovac Jerčić, PhD
 - Assistant Professor Karmela Altabas, MD, PhD
 - prim. Siniša Šefer, MD, PhD
 - Josipa Josipović, MD
 - Nataš Črne, MD
 - Bernardica Valent Morić, MD
 - Professor Lada Zibar, MD, PhD
 - Ksenija Vučur, MD
 - Miroslav Tišljarić, MD, PhD
 - Luka Torić, MD
 - Medical students: Matija Horaček, Zlatan Ibradžić,
Krešimir Grgat

Work plan and project goals

1.

• **Patient identification and data gathering**

- Patient identification
- Gathering patients' clinical data
- Gathering patients' pathohistological data

2.

• **Defining referential span of normal GBM thickness in Laboratory for Nephropathology of Dubrava University Hospital**

3.

• **Determination of immunofluorescent or immunohistochemical staining method**

4.

• **Measurement of GBM thickness on patients' digital EM photos**

5.

• **Classification AS patients according to Flinter's classification criteria for AS**

6.

• **Creating familial pedigrees and, if possible, determining the inheritance model**

Work plan
and
project
goals

7.

- Hematuria status in selected family members of patients with AS and TBMN

8.

- Determination of patient's genetic profile

9.

- Informing patients and/or patient's family of the results of genetic analysis and possible preventive measures for slowing disease progression

10.

- Creation of AS and TBMN registry


11.

- Publications and data dissemination

- Project's web page

<http://www.mef.unizg.hr/znanost/istrazivanje/web-stranice-projekata/genotip-fenotip-korelacija-u-alportovom-sindromu-i-nefropatiji-tankih-glomerularnih-bazalnih-membrana/>

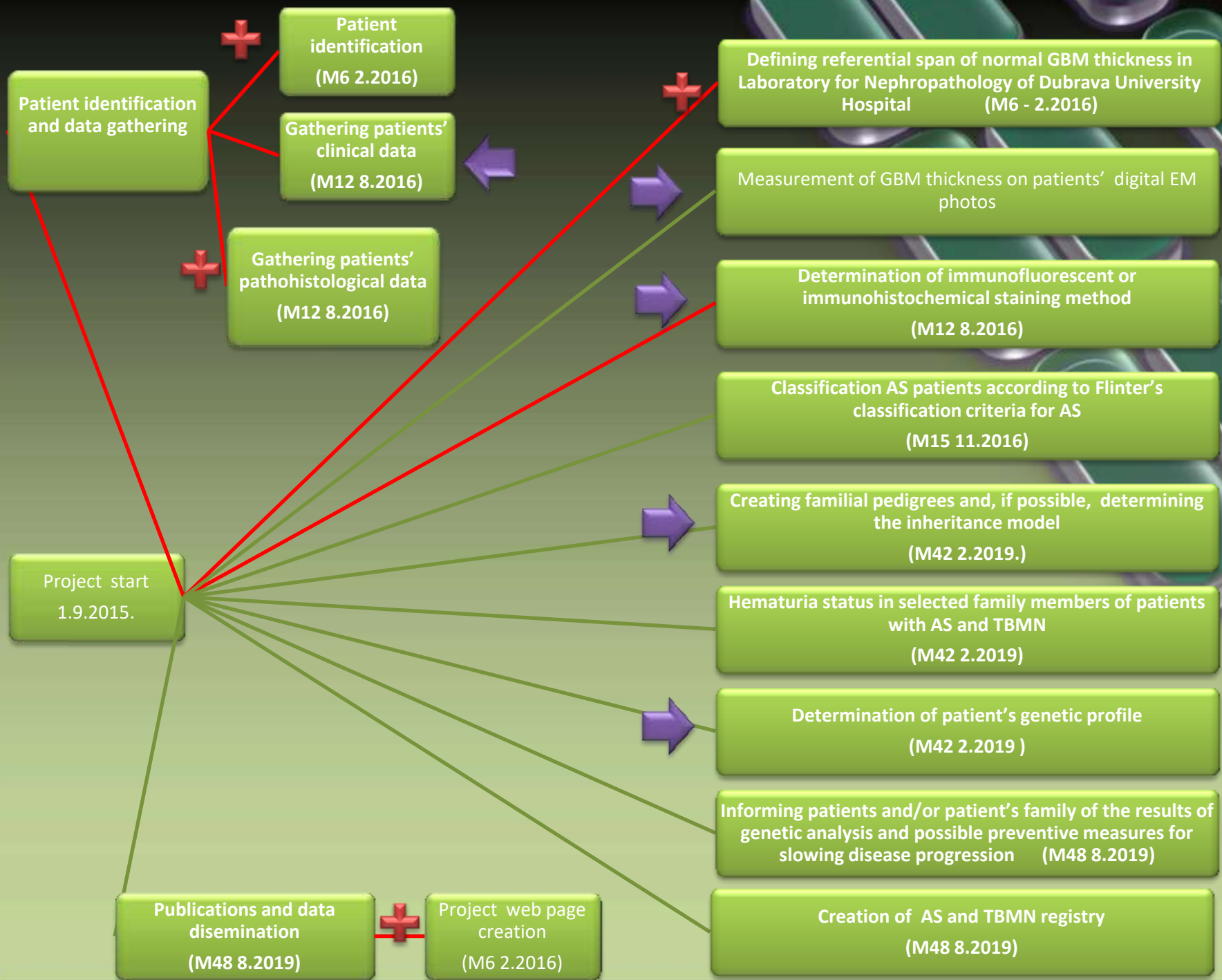
Genotip-fenotip korelacija u Alportovom sindromu i nefropatiji tankih glomerularnih bazalnih membrana

 **hrzz**
Hrvatska zaklada za znanost

Voditelj projekta: izv.prof.dr.sc. Danica Galešić Ljubanović

Sadržaj:

- Prijava projekata
- Financiranje projekata
- Domaći projekti
- Međunarodni projekti
- Web stranice projekata
- Projekt HRZZ: WNT4EMT
- UKF projekt
- Kardiovaskularni rizici u školske djece i mladih
- Genotip-fenotip korelacija u Alportovom sindromu i nefropatiji tankih glomerularnih bazalnih membrana





Arthur Cecil Alport (1880-1959)

Thank
You!