

22nd Congress of the International Federation of Hospital Engineering

April 13 - 17, 2012 – Norway

New healthcare model, new architectonic challenges

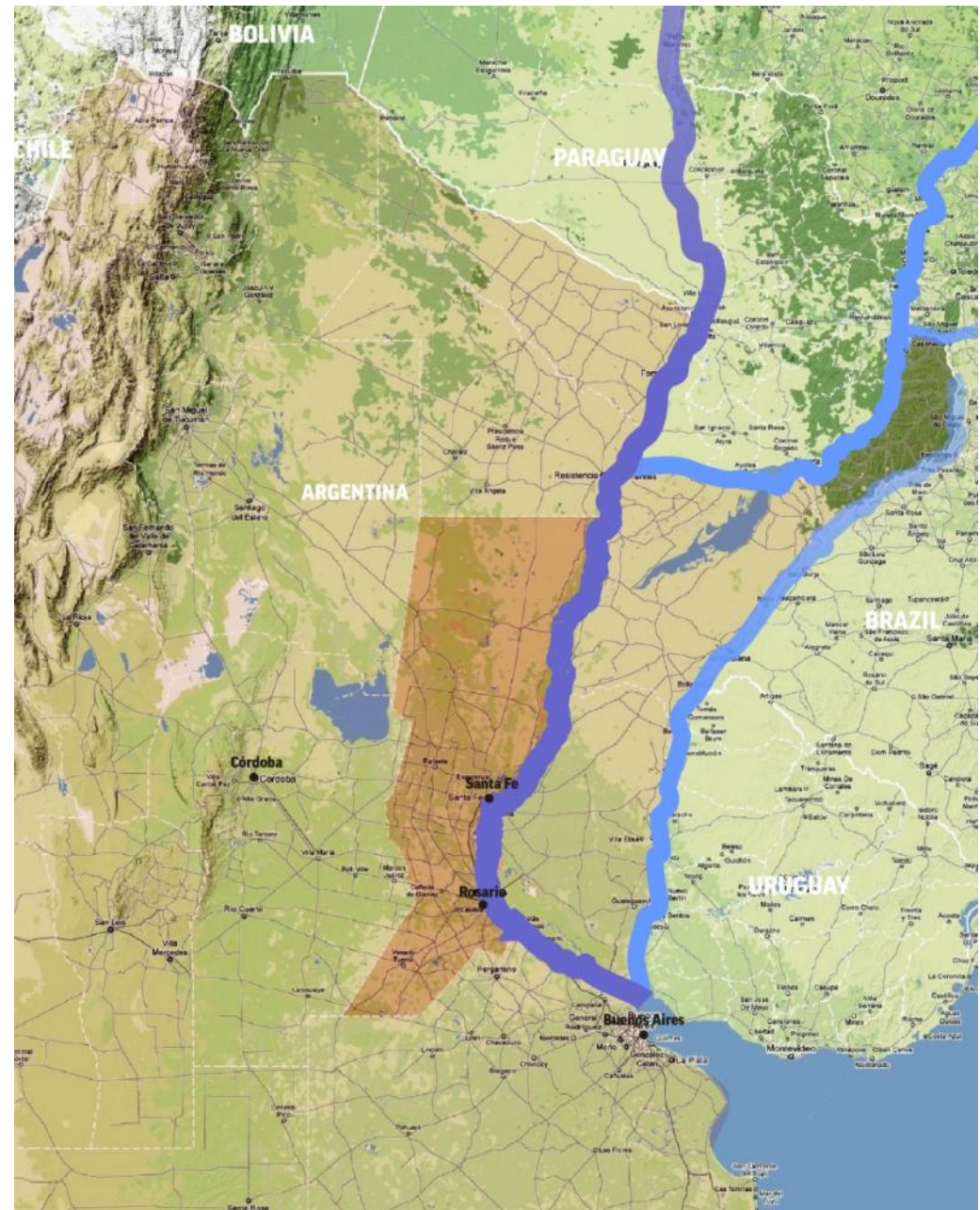
Santa Fe Province, Argentina



SANTA FE IN SOUTH AMERICA



SANTA FE IN ARGENTINA





HECA
Architecture for Healthcare in Santa Fe - Argentina



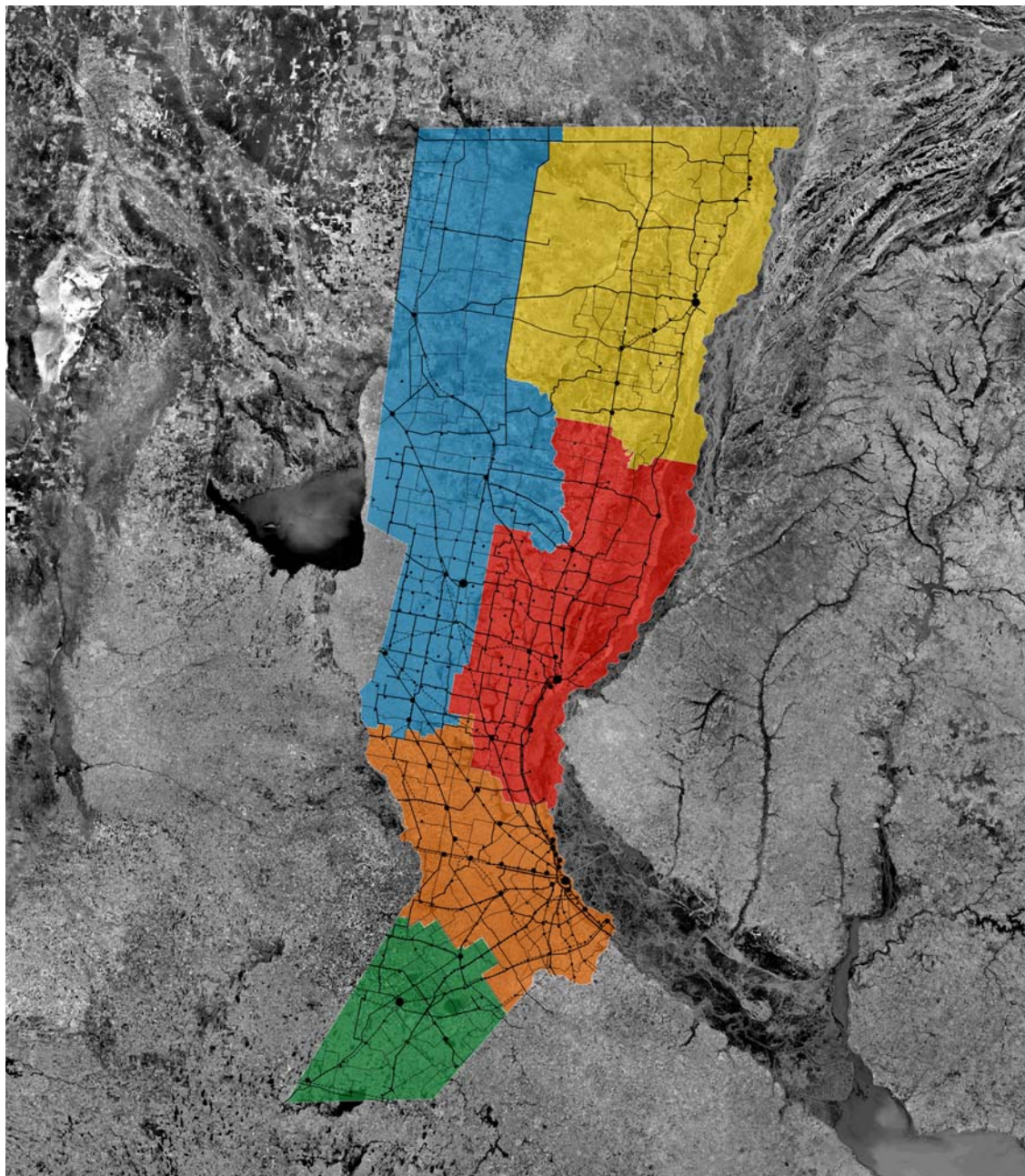
HECA
Architecture for Healthcare in Santa Fe - Argentina



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Architecture for Healthcare in Santa Fe - Argentina



PROVINCIAL REGIONALIZATION: PROVINCIAL STRATEGIC PLAN

**Integrated Territory
Social Quality
Five regions with flexible borders**

NEW PUBLIC HEALTHCARE MODEL

**Consolidated Healthcare System
New Healthcare Law**

INTEGRATED HEALTHCARE NETWORK

LEVEL-BASED BUILDING AND HEALTHCARE PLANNING

**New buildings specially designed to fulfill their
role in the network**

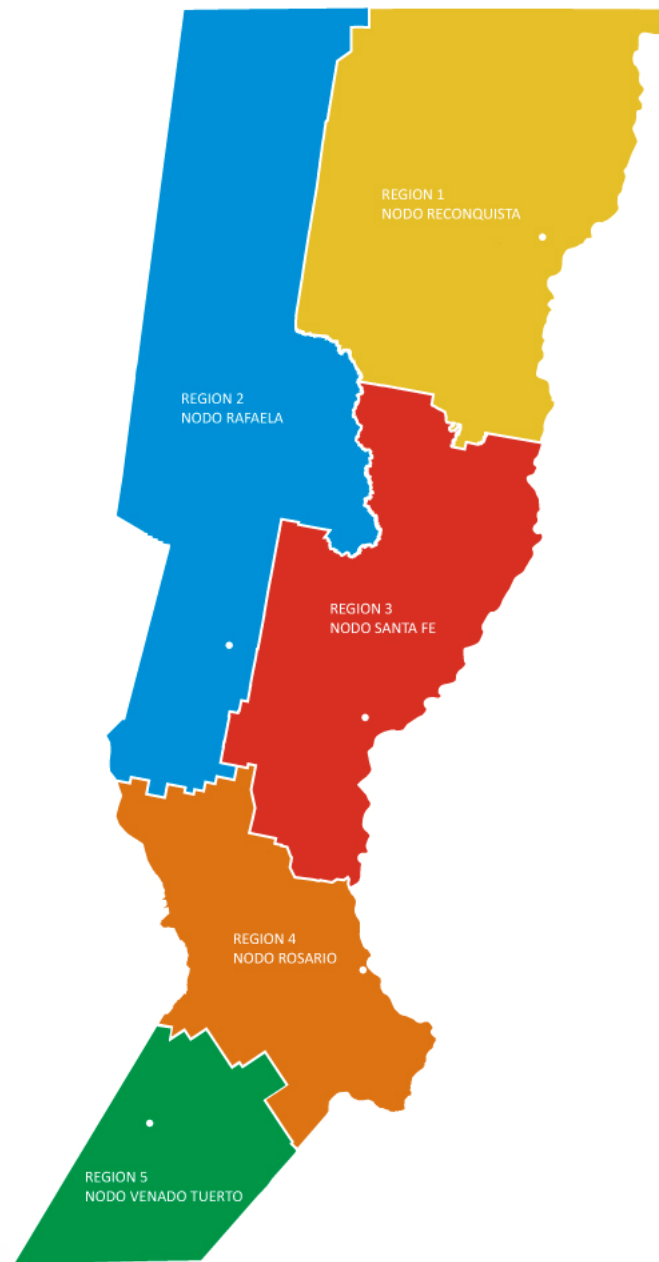
**State of the art technology, site-specific
equipment and trained human resources.**

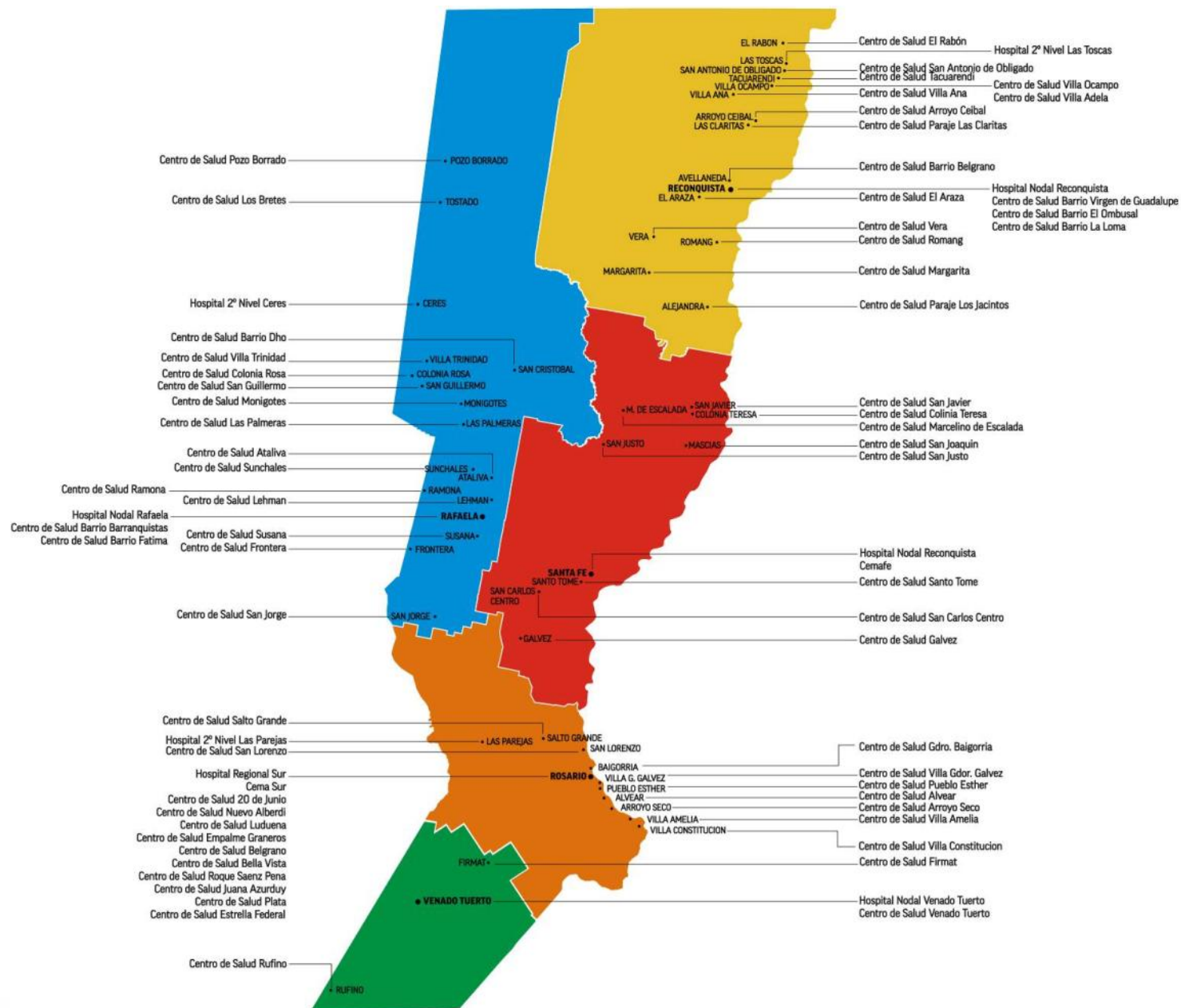
**Current health centers are refurbished and
provided with new equipment and technology
(540 buildings dedicated to healthcare)**

NEW PUBLIC HEALTHCARE MODEL IN SANTA FE HEALTH CARE LAW

Consolidated, government-managed System
Equal, socially responsible and efficient

- . **Universal** access to healthcare assets and services
- . **Consolidated** system to ensure the promotion, prevention, cure and rehabilitation at the most suitable complexity level.
- . **Free healthcare system**, no fees are paid
- . **Appropriate, continued** healthcare





BUILDING REMODELING PLAN BY CARE LEVEL AND NEEDS

- First Level of Care:**

80 Healthcare Centers to reinforce the primary healthcare strategy

- Second Level of Care:**

Mid-level complexity

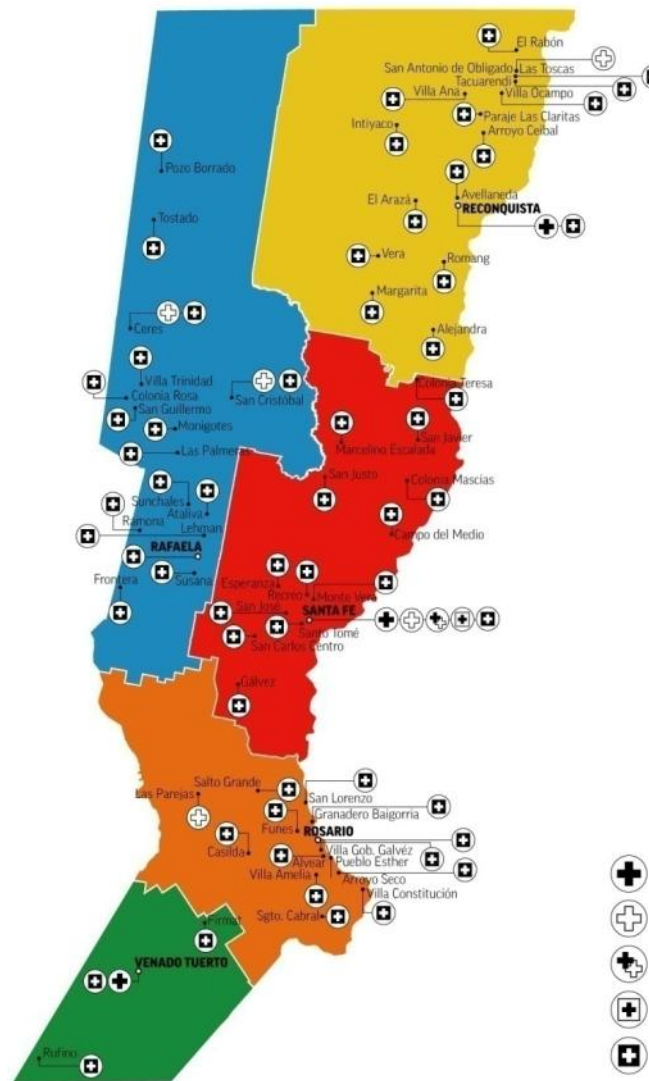
Las Toscas, Las Parejas & Ceres hospitals

**High-complexity ambulatory healthcare centers: Cemar- CemaFe-
CemaSur**

- Third Level of Care:**

High-complexity and inpatient services

**Nodal hospitals by region: Reconquista-Santa Fe-Venado Tuerto-
Rosario- Rafaela.**



MAPA SALUD

-  Nodal hospital by region
-  Mid-level complexity hospital
-  Rehabilitation hospital
-  Centre of ambulatory medical specialties
-  First-level healthcare centre

<http://www.santafe.gov.ar/obras>

SANTA FE: MANY CONSTRUCTION WORKS, ONE PROJECT
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GOBIERNO DE SANTA FE



1st level
 AMBULATORY CARE – HEALTHCARE CENTERS
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 GOBIERNO DE SANTA FE



1st
level
AMBULATORY CARE – HEALTHCARE CENTERS
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+80 Healthcare Centers



1st level

AMBULATORY CARE – HEALTHCARE CENTERS
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GOBIERNO DE SANTA FE



1st level
AMBULATORY CARE – HEALTHCARE CENTERS
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2nd level
CEMAFE (CENTRE OF AMBULATORY MEDICAL SPECIALTIES) – SANTA FE
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2nd level
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2nd level
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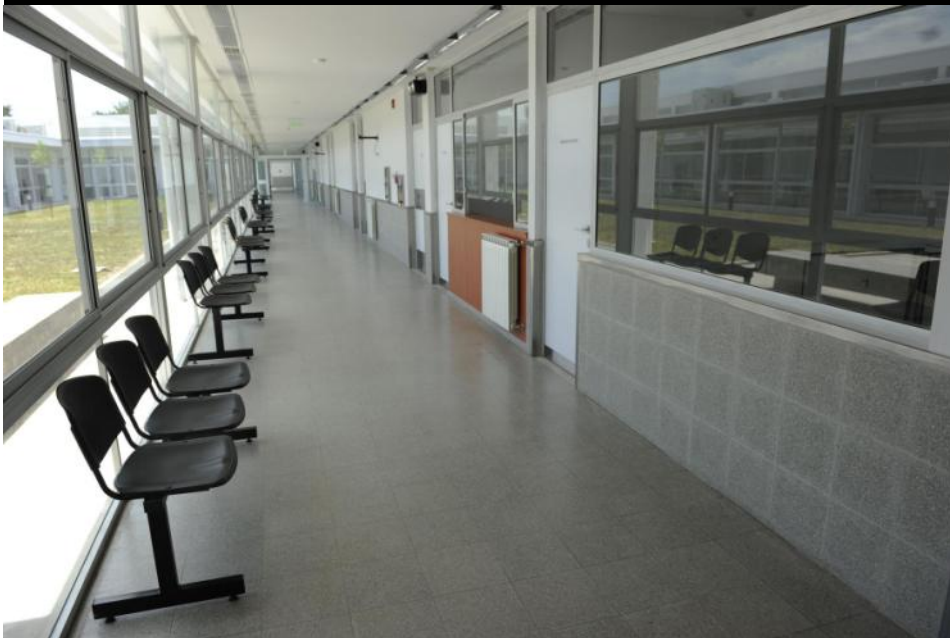
2nd level
MID-LEVEL COMPLEXITY HOSPITALS
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GOBIERNO DE SANTA FE



2nd level
MID-LEVEL COMPLEXITY HOSPITALS
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2nd level
MID-LEVEL COMPLEXITY HOSPITALS
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3rd level
 HIGH COMPLEXITY – NODAL HOSPITALS
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 GOBIERNO DE SANTA FE



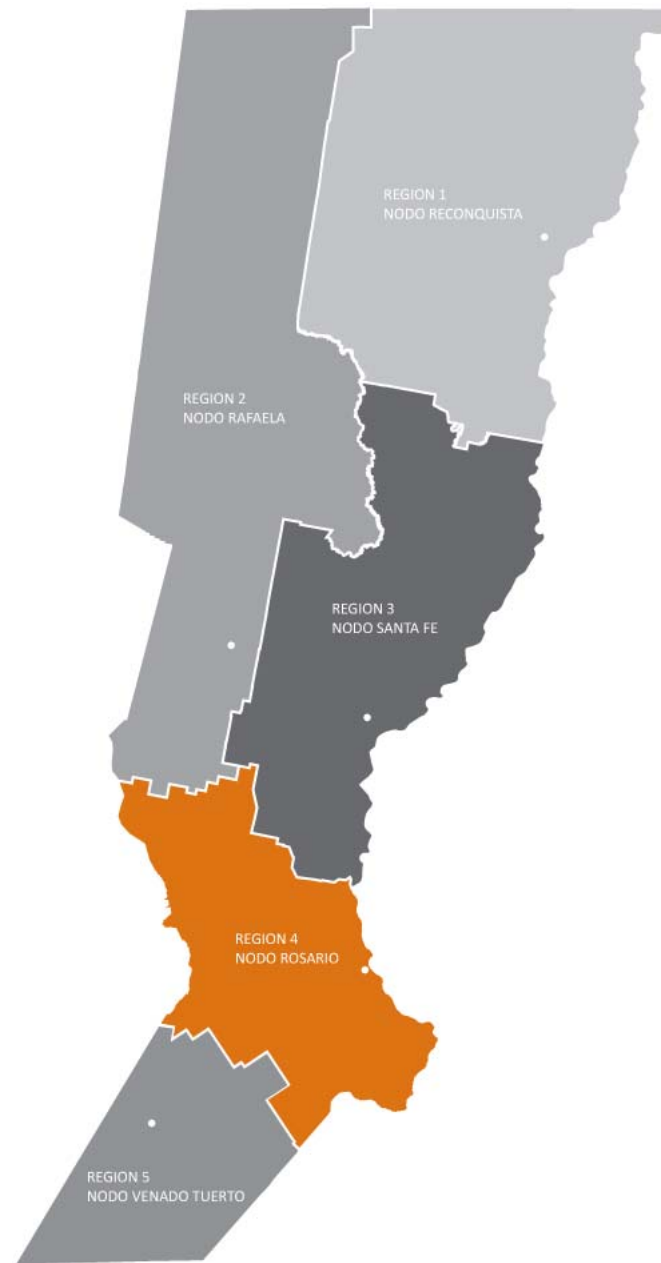
3rd level
ITURRASPE HOSPITAL – CONSTRUCTION WORK
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3rd level
ITURRASPE HOSPITAL – CONSTRUCTION WORK
Architecture for Healthcare in Santa Fe - Argentina



3rd level
ITURRASPE HOSPITAL – CONSTRUCTION WORK
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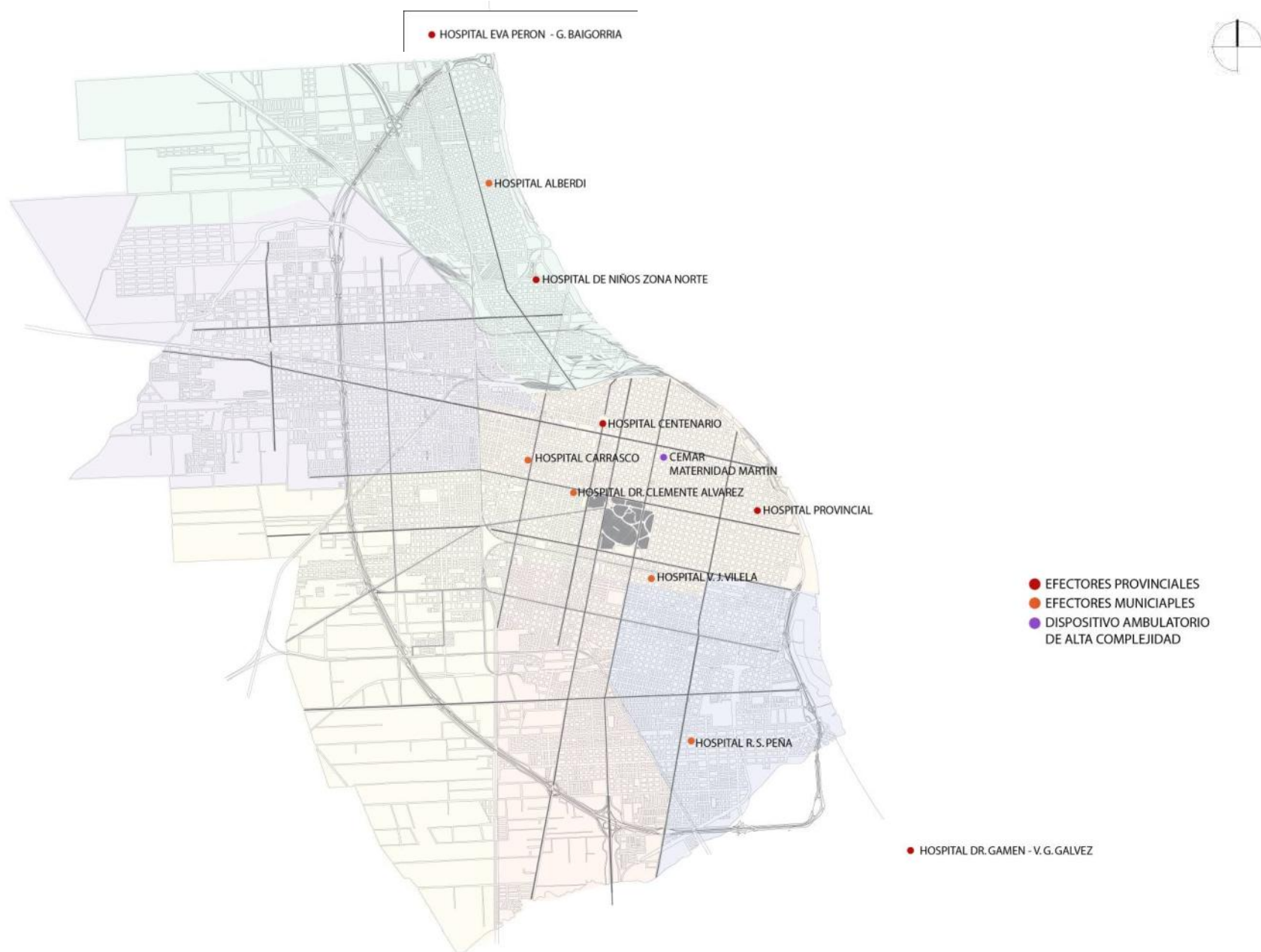


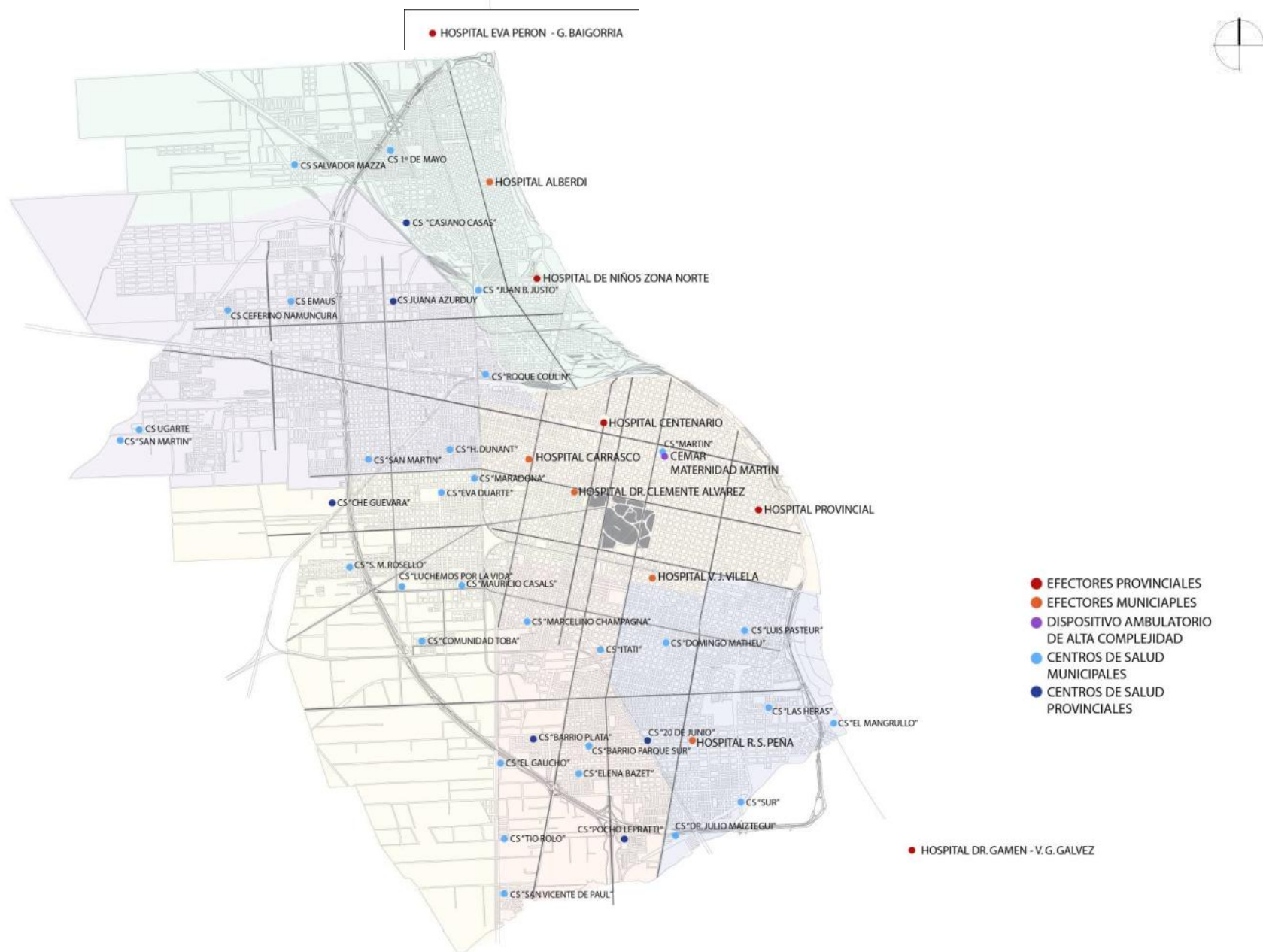
REGION 4 – ROSARIO NODE
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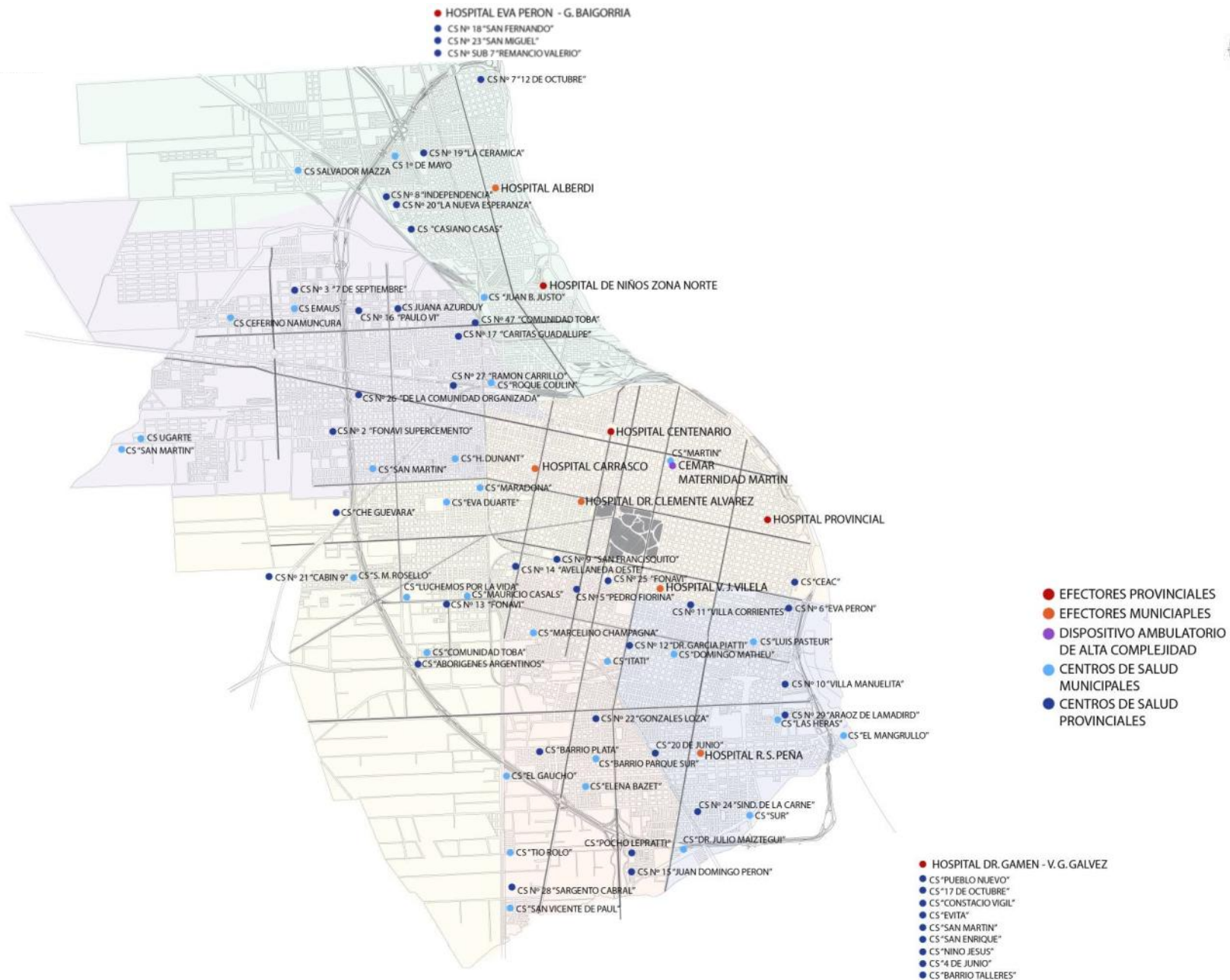


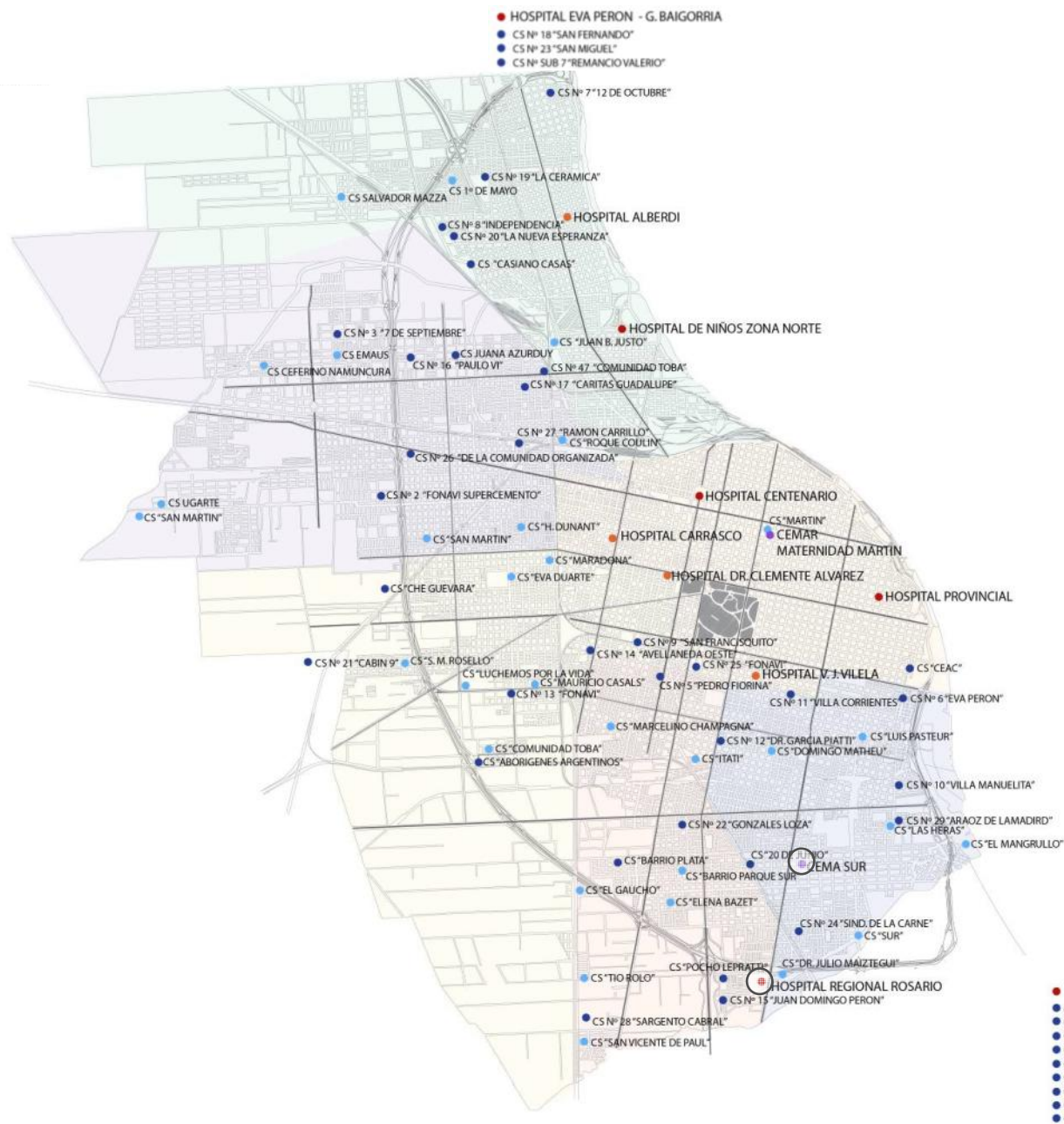
















ROSARIO SUR INTERVENTION
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ROSARIO SUR INTERVENTION – TECHNICAL SCHOOL #407
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ROSARIO SUR INTERVENTION – TECHNICAL SCHOOL #407
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Advances to Prevent Parkinson and Alzheimer

Jueves 03 de diciembre de 2009 | Publicado en edición impresa

Avance de científicos argentinos / En el Instituto de Biología Molecular y Celular de Rosario

Descubrimientos clave contra el Parkinson y el Alzheimer

Hallan un talón de Aquiles de los agregados de proteínas que causan la muerte neuronal;



Nora Bár
LA NACION

Desde un jugador de póquer hasta un director técnico, cualquiera sabe que para triunfar frente a un oponente lo primero que hay que hacer es descubrir su talón de Aquiles.

Este principio de sentido común acaba de permitir un avance clave contra dos enfermedades que pueden degradar totalmente la vida de las personas mayores,

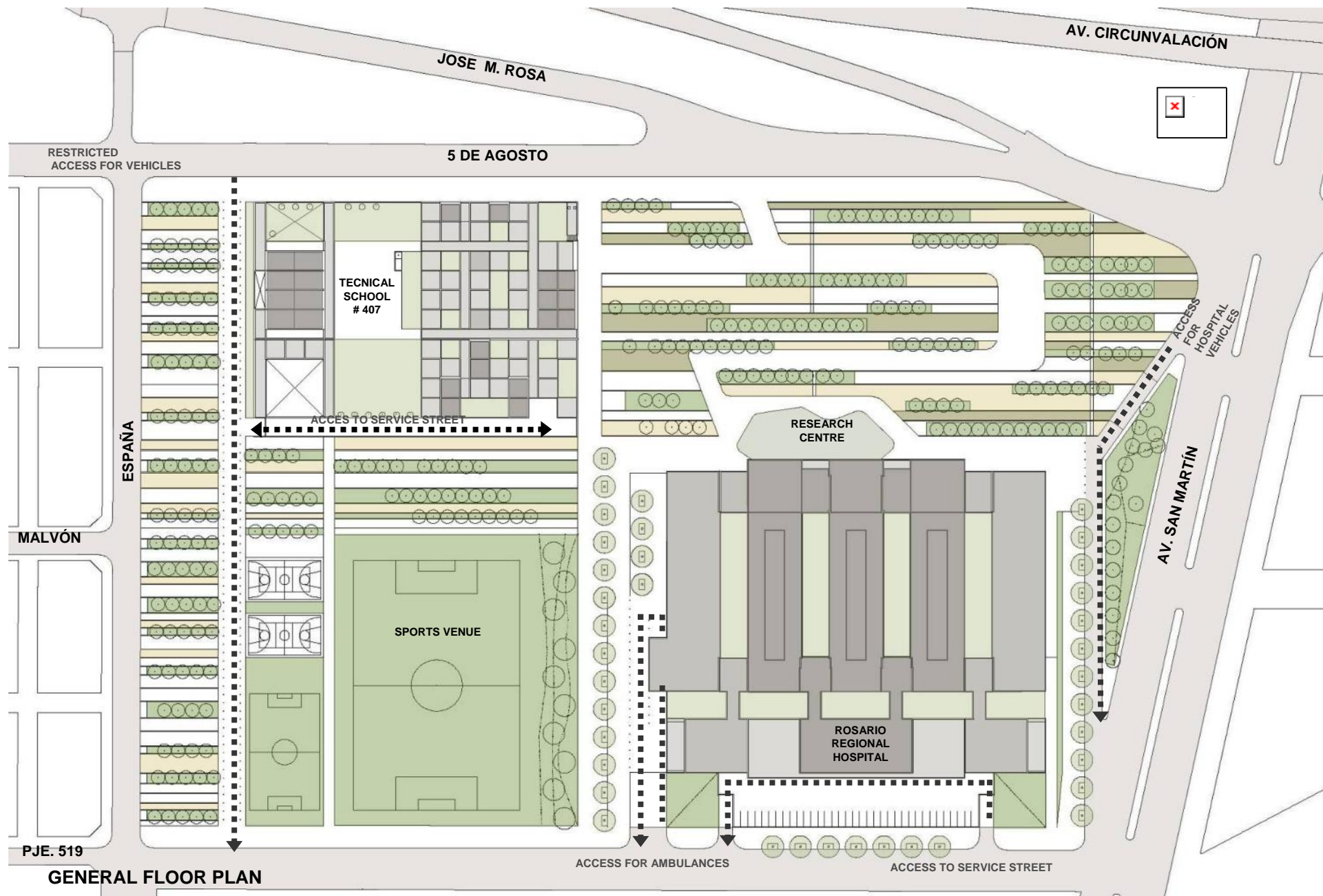
los males de Parkinson y de Alzheimer.

Después de estudiar durante cuatro años la formación de fibras de alfa sinucleína, que lleva a la muerte neuronal en el Parkinson (similar al del Alzheimer), identificaron una región de esos agregados que permitiría diseñar racionalmente fármacos capaces de interrumpir el proceso que desencadena la enfermedad. El trabajo se acaba de publicar en los Proceedings of the National Academy of Sciences (PNAS), una de las revistas científicas más prestigiosas del mundo.

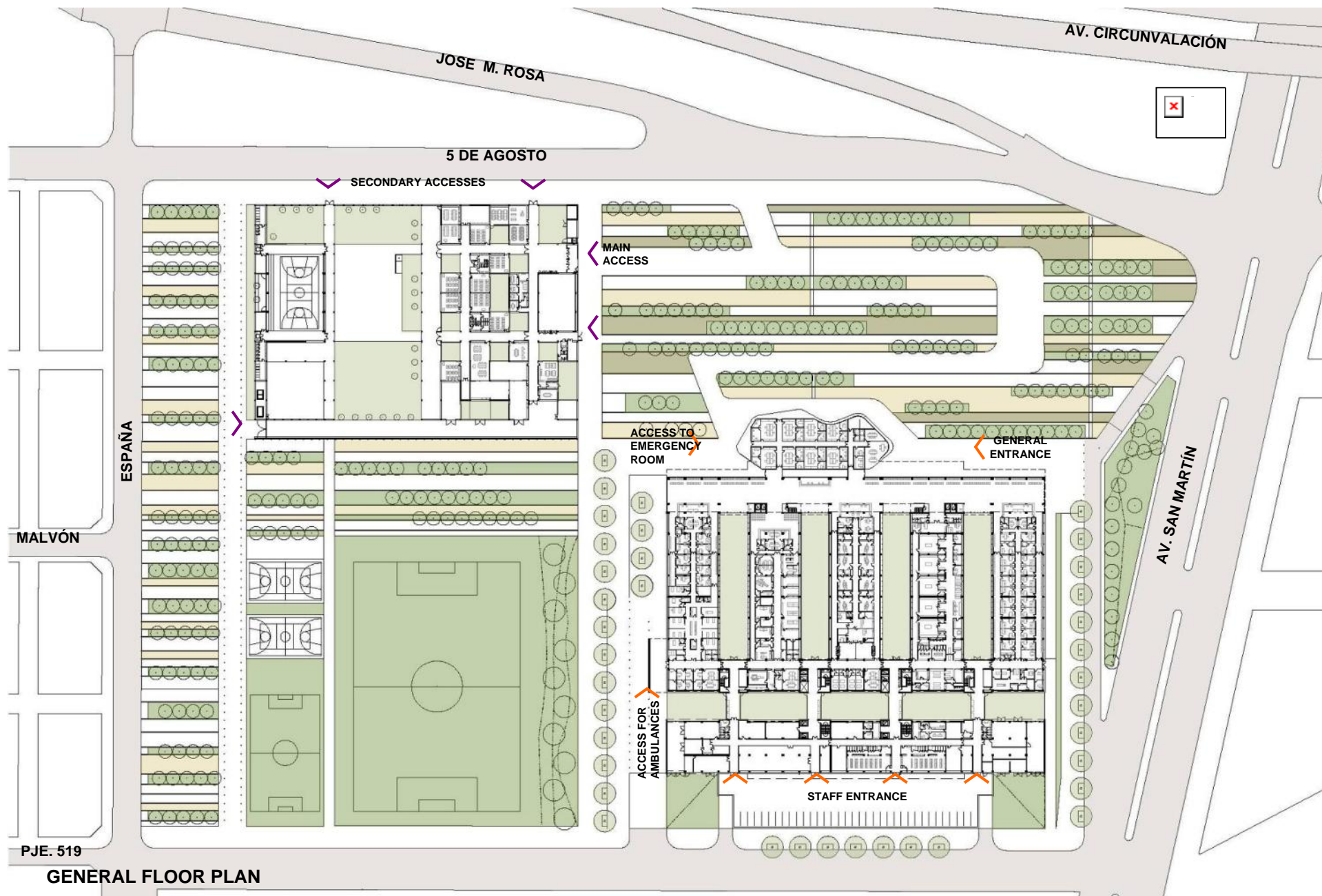
"Nos abocamos a un tema que nadie pensaba que se podía estudiar —cuenta, a través del teléfono, el doctor Claudio Fernández, vicedirector del Instituto de Biología Molecular y Celular de Rosario, y jefe del grupo de Neurobiología Estructural—. Sin embargo, gracias a una serie de desarrollos metodológicos, logramos un avance clave que abre la posibilidad de diseñar fármacos que se dirijan específicamente a esta meta."

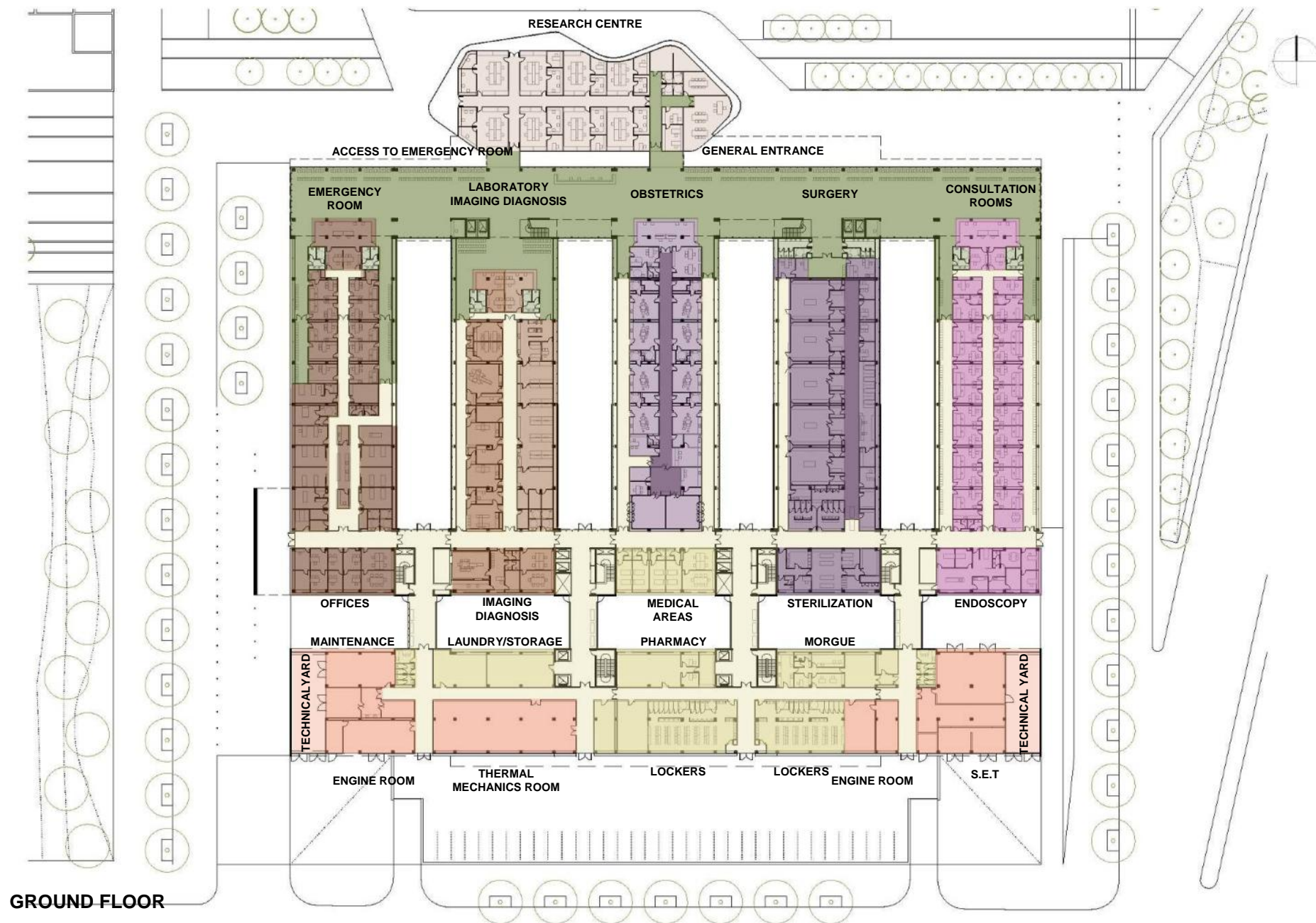
Tanto el Parkinson como el Alzheimer tienen su origen en un proceso que genera agregados de proteínas (la alfa sinucleína, en el primer caso, el péptido beta, en el segundo) que producen desórdenes en el funcionamiento cerebral y tienen consecuencias irreversibles y fatales.

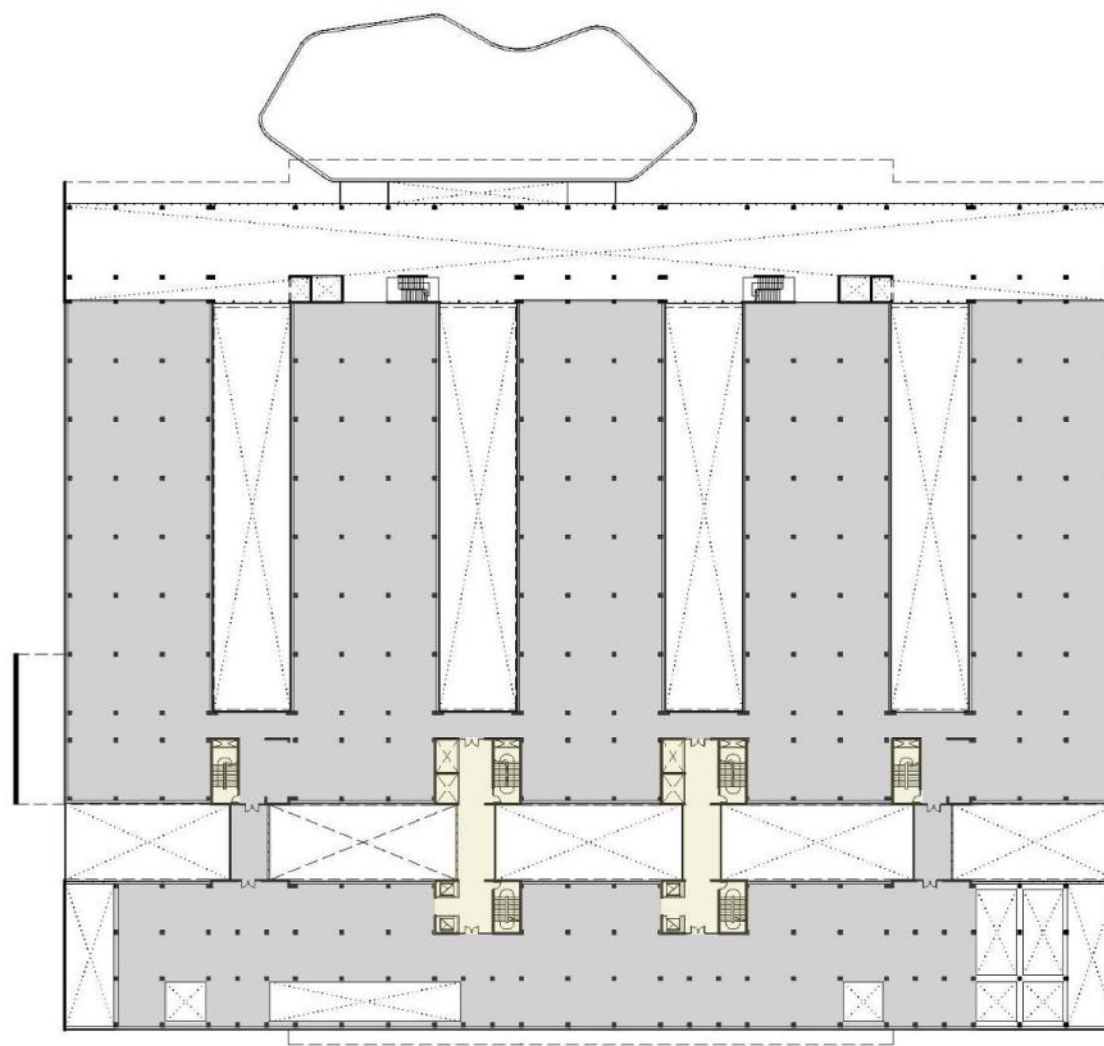
"Se trata de un mecanismo por el cual ciertas macromoléculas biológicas se asocian entre sí en formaciones insolubles denominadas «amiloidosis» —cuenta Fernández—. Cuando se da en el cerebro, ocasiona la pérdida progresiva de neuronas. Por eso develar este mecanismo resultaba estratégico para poder intervenir terapéuticamente."



GENERAL FLOOR PLAN

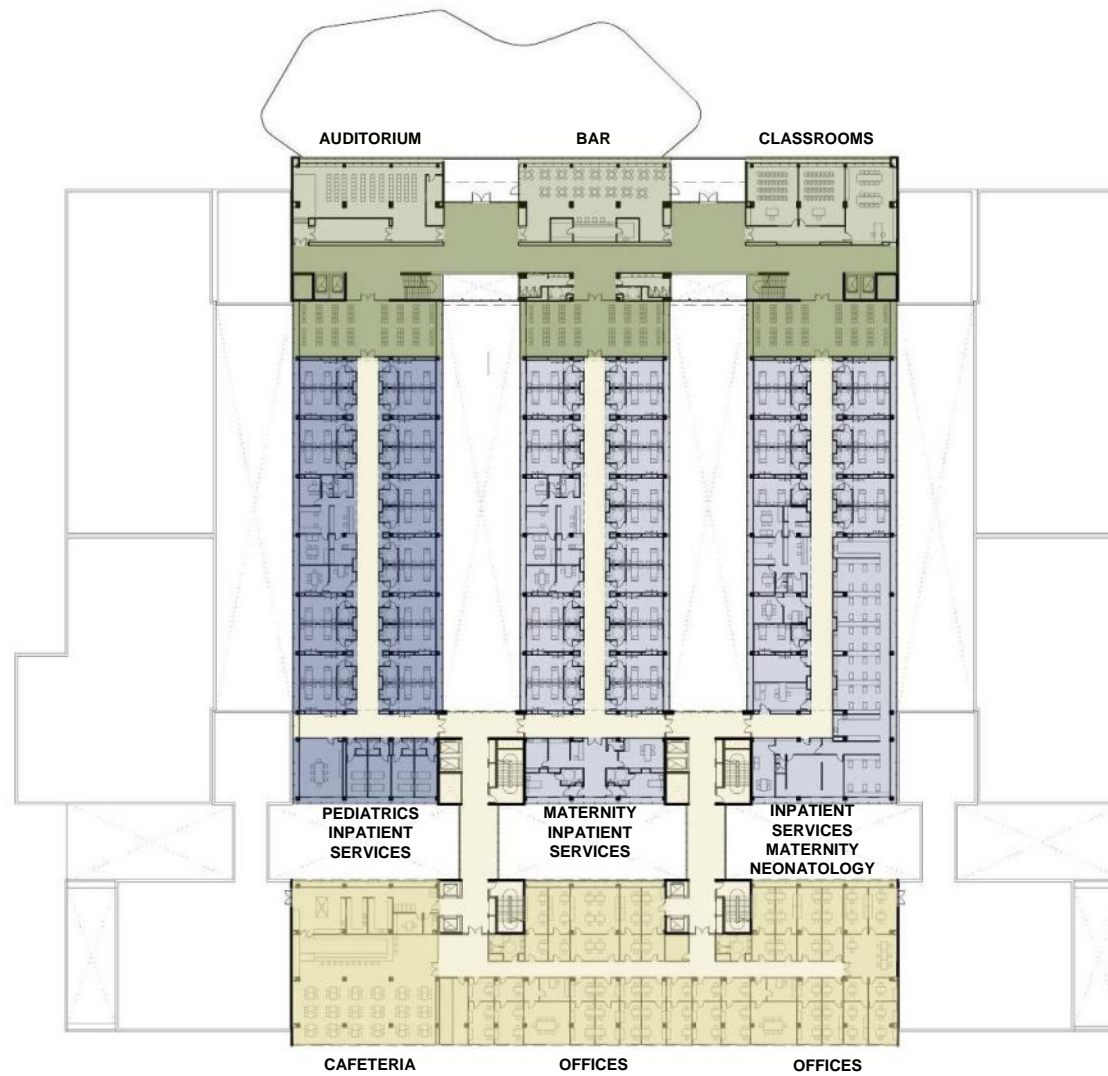






**TECHNICAL FLOOR,
FLOORPLAN**

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FIRST FLOOR

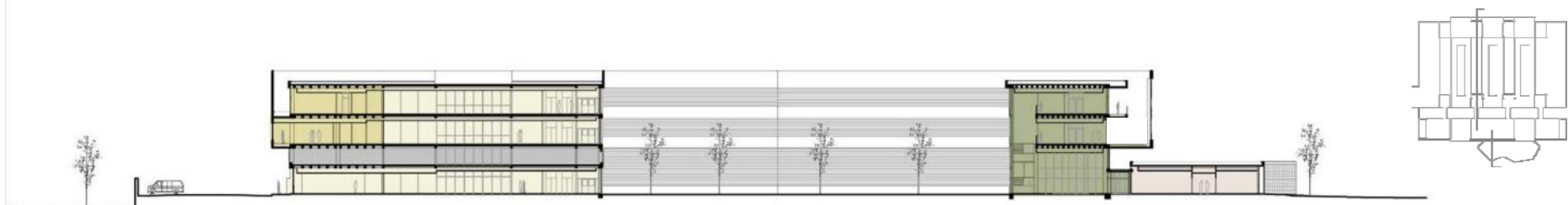
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SECOND FLOOR



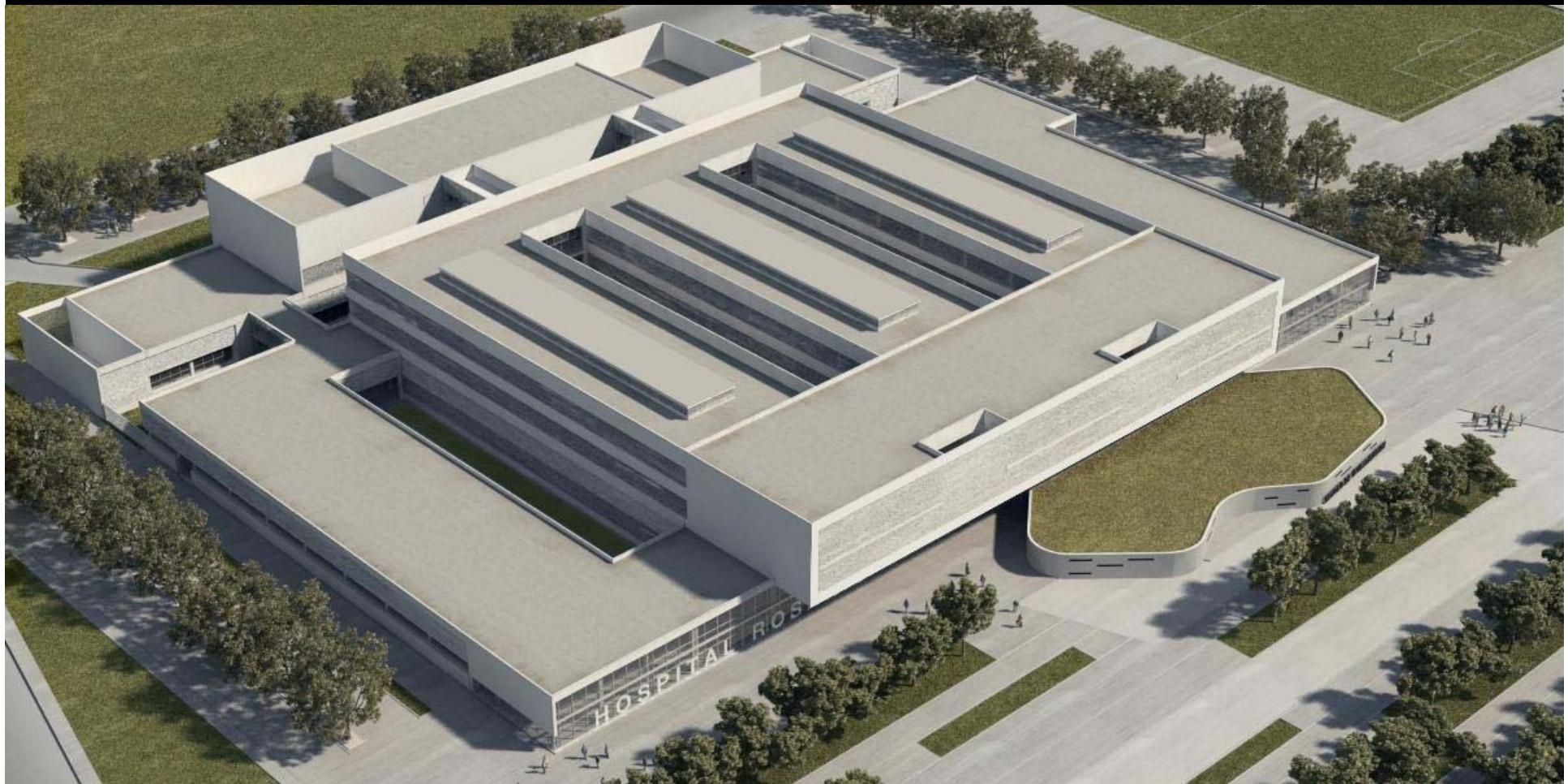
SECTION 1



SECTION 2



SECTION 1



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ROSARIO SOUTH INTERVENTION - REGIONAL ROSARIO HOSPITAL
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