

Вадим Сергеевич Репин



31 июля 1936 года - 21 октября 2018 года

На 83-м году жизни в Москве скоропостижно скончался выдающийся отечественный ученый **Вадим Сергеевич Репин**, член-корреспондент РАН, доктор медицинских наук, соросовский профессор, специалист в области медицинской клеточной биологии, автор более 350 научных работ, из которых более 250 опубликованы в ведущих научных журналах мира, и 5 монографий. Основные научные интересы: стволовые клетки человека и их применение в медицине; медицинская клеточная биология и биотехнология; клеточные механизмы атеросклероза; клеточные механизмы цирроза и других заболеваний печени. Вадим Сергеевич создал первую в стране лабораторию культуры клеток и тканей в 1977 году, где оригинальными методами были получены культуры клеток сосудов, печени, кишечника человека для изучения клеточных и биохимических механизмов атеросклероза и нарушений липидного и липопротеидного обмена.

Вадим Сергеевич родился в семье врачей в Ташкенте, в Узбекской ССР. Окончив школу с золотой медалью, он отправился в Ленинград, где в 1960 году с отличием окончил 1-й Ленинградский медицинский институт, параллельно участь на химфаке ЛГУ. С 1960 по 1963 годы проходил обучение в аспирантуре, по завершению которой успешно защитил кандидатскую диссертацию по специальности «Биохимия», в те годы он занимался изучением энергетического обмена в миокарде. В дальнейшем В.С. Репин прошел большой и серьезный путь в науке, и вся его деятельность была напрямую связана с разработкой способов помощи больным.

С 1964 по 1977 годы он работал сначала младшим, а затем старшим научным сотрудником Института экспериментальной медицины АМН СССР, где в созданной лаборатории микрохимии проводил биохимические исследования единичных яйцеклеток, ранних зародышей лабораторных грызунов, биохимии оплодотворения. По приглашению академика Е.И. Чазова Вадим Сергеевич перебрался в Москву, где после защиты докторской диссертации (тема: «Изучение первичных биохимических изменений в раннем эмбриогенезе и индуцированном тератогенезе млекопитающих») до 1997 года он 20 лет руководил лабораторией культуры клеток и тканей Института экспериментальной кардиологии Всесоюзного Кардиологического научного центра АМН СССР. В 1980 году ему было присвоено звание профессора.

С 1985 по 1997 годы он являлся профессором кафедры медицинской биотехнологии МИРЭА. В качестве соросовского профессора Вадим Сергеевич читал курс лекций по молекулярной и клеточной биологии для университетов и школ России. Его лекции всегда были оригинальными и инновационными, вызывали огромный интерес и собирали большие аудитории. Им было подготовлено более 32 кандидатов и несколько докторов наук. В 1991 году он был избран членом-корреспондентом РАМН.

С 1997 по 2000 г. Вадим Сергеевич работал заместителем директора по науке Института биологической медицины при Центре акушерства, гинекологии и перинатологии РАМН. В последнее десятилетие он трудился в Институте общей патологии и патофизиологии, став вдохновителем создания и научным руководителем лаборатории клеточной биологии и патологии развития.

Основой научных интересов Вадима Сергеевича Репина являлось изучение стволовых клеток человека и применение их в медицине; медицинская клеточная биология и биотехнология; клеточные механизмы атеросклероза; клеточные механизмы цирроза и других заболеваний печени. В 1977 Вадим Сергеевич создал пионерскую лабораторию культуры клеток и тканей, где оригинальными методами были получены культуры различных клеток сосудистой стенки, печени, кишечного эпителия человека для изучения клеточных и биохимических механизмов атеросклероза и нарушений липидного и липопротеидного обмена. С 2000 года Вадим Сергеевич стал у истоков фундаментальных исследований возможностей применения некоторых стволовых и прогениторных клеток при различных заболеваниях, в том числе считающихся неизлечимыми, а также активно участвовал в разработке проектов правового регулирования этой работы. Вадим Сергеевич — автор более 350 научных работ, из которых более 250 опубликованы в ведущих международных научных журналах мира; он — автор 5 научных монографий, 8 книг по различным вопросам. В 2005 году он активно вошел в работу редколлегии молодого журнала «Клеточная трансплантология и тканевая инженерия», поддержав таким образом формирующееся в нашей стране направление исследований. Также длительное время он являлся членом редколлегии журнала «Бюллетень экспериментальной биологии и медицины».

Плодотворная научная деятельность Вадима Сергеевича получила высокое международное признание. На протяжении многих лет он сотрудничал с США, Францией, Германией, Финляндией, Англией в области клеточной биологии атеросклероза и клеточной биологии человека. В последние годы - совместные исследования с Институтом медицинской биологии и Отделом иммунологии ЦАГП РАМН, Институтом глазных болезней им. Гельмгольца.

Несомненно, он являлся высоко эрудированным учёным, способным мыслить недогматическим образом, предлагать новые, нестандартные, подчас парадоксальные решения в исследованиях своего коллектива. Вадим Сергеевич принадлежал к той когорте ученых и мыслителей, которые могут не только методично перебирать научную руду, но и генерировать новые направления, видеть неисследованные горизонты, заражать своим научным романтизмом окружающих. Он щедро делился своими идеями, доброжелательностью и гостеприимством с коллегами и с молодежью. Часто его идеи казались совершенно нереалистичными, но по прошествии лет наука подтверждала рациональное начало разрабатываемых им концепций.

Подготовил 32 кандидата наук и несколько докторов наук. С 1985 по 1997 годы он - профессор кафедры медицинской биотехнологии МИРЭА (курс лекций по молекулярной и клеточной биологии), читал также лекции по университетам и школам России в качестве Соросовского профессора.

Неординарное научное творчество Вадима Сергеевича плавно переплеталось с другими его талантами. Вадим Сергеевич отличался разнообразием творческих интересов: писал стихи, хорошо знал мировую и русскую литературу, классическую музыку, великолепно разбирался в живописи, что позволило ему создать совершенно новое философское направление о взаимовлиянии искусства и науки. При неформальном общении Вадим Сергеевич, обладая поистине энциклопедическими знаниями и эрудицией, мог поддержать беседу на любую тему, всегда находя нестандартные ответы на самые сложные вопросы.

Светлая память об Ученом и Учителе навсегда сохранится не только в сердцах коллег и близких, но и всего научного сообщества.

Источник:

<http://genescells.ru/article/pamyati-vadima-sergeevicha-repina/>

https://ru.wikipedia.org/wiki/Репин,_Вадим_Сергеевич

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